



# CHOOSE YOUR SAW

## QUICK REFERENCE GUIDE

STOCK NUMBER	MODEL NUMBER	DESCRIPTION	SAW TYPE	DRIVE TYPE	MOTOR (HP)	MITERING TYPE	MITERING DEGREES	PAGE NUMBER
SEMI-AUTOMATIC HORIZONTAL BANDSAW								
414471	HBS-1321W	13 Semi-Auto Horizontal Bandsaw	Semi-Automatic	Variable Speed Pulley	3 HP, 230/460V, 3Ph	Vise	45°	11
414476	J-7060	12" x 20" Semi-Automatic Horizontal Bandsaw	Semi-Automatic	Variable Speed Pulley	3 HP, 230/460V, 3Ph	Vise	45°	12
414476-4	J-7060-4	12" x 20" Semi-Automatic Horizontal Bandsaw	Semi-Automatic	Variable Speed Pulley	3 HP, 460V, 3Ph	Vise	45°	12
DUAL MITERING BANDSAW								
NEW 413412	MBS-1323EVS-H	13 EVS Dual Miter 3Hp, 23	Horizontal/ Dual-Mitering	Electronic Variable Speed	3Ph, 230V,	Head	45°	10
NEW 413410	MBS-1018-3	10 Dual Miter 2Hp, 230/460V	Horizontal/ Dual-Mitering	Belt Drive	2HP, 230/460V	Vise	45°	13
NEW 413411	MBS-1018-1	10 Dual Miter 2Hp, 230V, 1-P	Horizontal/ Dual-Mitering	Belt Drive	2HP, 230V, 1-P	Vise	45°	13
NEW 424463	HVBS-10 DMW	Dual Portable Saw 1Hp 115V	Horizontal/Vertical/ Dual-Mitering	Belt Drive	1HP, 115V, 1PH	Head	45°	18
NEW 424465	HVBS-10-DMWC	Dual Portable Saw 1 Hp, 115V	Horizontal/Vertical/ Dual-Mitering	Belt Drive	1HP, 115V, 1PH	Head	45°	18
NEW 424460	HVBS-8-DMW	Dual Portable Saw 1 Hp, 115V	Horizontal/Vertical/ Dual-Mitering	Belt Drive	1HP, 115V, 1PH	Head	45°	18
HORIZONTAL MITERING BANDSAWS								
414474	J-7020M	10" x 16" Horizontal Mitering Bandsaw	Horizontal Mitering	Variable Speed Pulley	1-1/2 HP, 115/230V, 1Ph	Head	45°	15
414475	J-7040M	10" x 16" Horizontal Mitering Bandsaw	Horizontal Mitering	Variable Speed Pulley	2 HP, 230/460V, 3Ph	Head	45°	15
414484	J-7040M-4	10" x 16" Horizontal Mitering Bandsaw	Horizontal Mitering	Variable Speed Pulley	2 HP, 460V, 3Ph	Head	45°	15
414477	MBS-1014W-3	10" x 14" Horizontal Mitering Bandsaw	Horizontal Mitering	Belt Drive	3 HP, 230/460V, 3Ph	Head	45°	17
414479	MBS-1014W-1	10" x 14" Horizontal Mitering Bandsaw	Horizontal Mitering	Belt Drive	2 HP, 230V, 1Ph	Head	45°	17
413451	HVBS-710S	7" x 10-1/2" Mitering Horizontal/ Vertical Bandsaw	Horizontal Mitering	Step Pulley	1 HP, 115/230V, 1Ph	Head	45°	26
413452	HVBS-710G	7" x 10-1/2" Mitering Horizontal/ Vertical Geared Head Bandsaw	Horizontal Mitering	Geared Head	1 HP, 115/230V, 1Ph	Head	45°	26
414457	HBS-56S	5" x 6" Horizontal Mitering Bandsaw	Horizontal Mitering	Step Pulley	1/2 HP, 115V, 1Ph	Head	60°	28
ZIP MITER BANDSAWS								
414467	J-9225	8.75" Zip Miter Horizontal Bandsaw	Horizontal Mitering	Geared Head	1-1/2 HP, 230V, 3Ph	Head	60°	21
414464	J-9180-3	7" Zip Miter Horizontal Bandsaw	Horizontal Mitering	Geared Head	1 HP, 230V, 3Ph	Head	60°	21
HORIZONTAL BANDSAWS								
414473	HBS-1018W	10" x 18" Horizontal Bandsaw	Horizontal	Belt Drive	2 HP, 230V, 1Ph	Vise	45°	14
414472	J-7020	10" x 16" Horizontal Bandsaw	Horizontal	Variable Speed Pulley	1-1/2 HP, 115/230V, 1Ph	Vise	45°	16
414478	J-7040	10" x 16" Horizontal Mitering Bandsaw	Horizontal	Variable Speed Pulley	2 HP, 230/460V, 3Ph	Vise	45°	16
414499	J-7040-4	10" x 16" Horizontal Bandsaw	Horizontal	Variable Speed Pulley	2 HP, 460V, 3Ph	Vise	45°	16
414468	HBS-916W	9" x 16" Horizontal Bandsaw	Horizontal	Belt Drive	1-1/2 HP, 115/230V, 1Ph	Vise	45°	20
414450	J-7015	8" x 13" Horizontal Bandsaw	Horizontal	Belt Drive	1-1/2 HP, 115/230V, 1Ph	Vise	45°	23
414466	HBS-814GH	8" x 14" Horizontal Geared Head Bandsaw	Horizontal	Geared Head	1 HP, 115/230V, 1Ph	Vise	45°	22



STOCK NUMBER	MODEL NUMBER	DESCRIPTION	SAW TYPE	DRIVE TYPE	MOTOR (HP)	MITERING TYPE	MITERING DEGREES	PAGE NUMBER
<b>HORIZONTAL/VERTICAL BANDSAW</b>								
413460	HBS-812G	8 x 12" Horizontal/Vertical Geared Head Bandsaw	Horizontal/Vertical	Geared Head	1 HP, 115/230V, 1Ph	Vise	45°	24
414559	HBVS-712	7" x 12" Horizontal/Vertical Bandsaw	Horizontal/Vertical	Step Pulley	3/4HP, 115/230V, 1-Ph	Vise	45°	25
414560	HBVS-712D	7" x 12" Horizontal/Vertical Bandsaw	Horizontal/Vertical	Step Pulley	3/4HP, 115/230V, 1-Ph	Vise	45°	25
NEW 414548	HVBS-56V	5" x 6" Variable Speed Horizontal/Vertical Bandsaw	Horizontal/Vertical	Variable Speed	1/2 HP, 115V	Vise	45°	29
414458	HVBS-56M	5" x 6" Horizontal/Vertical Bandsaw	Horizontal/Vertical	Step Pulley	1/2 HP, 115V, 1Ph	Vise	45°	30
<b>Manual FERROUS COLD SAWS</b>								
414217K	J-FK350-4K	350mm Ferrous Manual Cold Saw	Ferrous	N/A	2 HP, 460V, 3Ph	Head	45° L & R	34
414214K	J-FK350-2K	350mm Ferrous Manual Cold Saw	Ferrous	N/A	2 HP, 230V, 3Ph	Head	45° L & R	34
414227	CS-315	315mm Ferrous Manual Cold Saw	Ferrous	N/A	2 HP, 230V, 3Ph	Head	45° L & R	35
414229	CS-315-1	315mm Ferrous Manual Cold Saw	Ferrous	N/A	2 HP, 220V, 1Ph	Head	45° L & R	35
414226	CS-275	275mm Ferrous Manual Cold Saw	Ferrous	N/A	1-1/2 HP, 230V, 3Ph	Head	45° L & R	35
414228	CS-275-1	275mm Ferrous Manual Cold Saw	Ferrous	N/A	1-1/2 HP, 115V, 1Ph	Head	45° L & R	35
414220	J-F225	225mm Ferrous Manual Bench Cold Saw	Ferrous	N/A	1 HP, 115V, 1Ph	Head	45° L	37
<b>HIGH SPEED NON-FERROUS COLD SAWS</b>								
414207K	J-CK350-4K	350mm Non-Ferrous High Speed Manual Cold Saw	Non-Ferrous	N/A	2 HP, 460V, 3Ph	Head	45° L & R	36
414203K	J-CK350-2K	350mm Non-Ferrous High Speed Manual Cold Saw	Non-Ferrous	N/A	2 HP, 230V, 3Ph	Head	45° L & R	36
<b>ABRASIVE SAWS</b>								
NEW 414240	AB-12	Abrasive Saw 3PH 230V	Abrasive	N/A	5HP, 230V/460V, 3Ph	Head	45° L & R	38
NEW 414245	AB-14	Abrasive Saw 3PH 230V	Abrasive	N/A	5HP, 230V/460V, 3Ph	Head	45° L & R	38
<b>VERTICAL BANDSAWS</b>								
414470	VBS-3612	36" Vertical Bandsaw	Vertical	Variable Speed Pulley	3 HP, 230/460V, 3Ph	Table	10° L & 45° R	31
414482	VBS-2012	20" Vertical Bandsaw	Vertical	Variable Speed Pulley	2 HP, 230/460V, 3Ph	Table	8° F & B, 12° L & 15° R	31
414485	VBS-1610	16" Vertical Bandsaw	Vertical	Variable Speed Pulley	2 HP, 230/460V, 3Ph	Table	8° F & B, 12° L & 15° R	31
414483	VBS-1408	14" Vertical Bandsaw	Vertical	Variable Speed Pulley	1 HP, 115/230V, 1Ph	Table	8° F & B, 12° L & 15° R	31
<b>VERTICAL METAL/WOOD BANDSAW</b>								
414418	VBS-18MW	18" Metal/Wood Vertical Bandsaw	Metal/Wood Vertical	Step Pulley	3/4 HP, 115/230V, 1Ph	Table	15° L & 45° R	32
414500	J-8201K	14" Metal/Wood Vertical Bandsaw	Metal/Wood Vertical	Step Pulley	1 HP, 115/230V, 1Ph	Table	15° L & 45° R	33
414504C	J-8203K	14" Metal/Wood Vertical Bandsaw	Metal/Wood Vertical	Step Pulley	1 HP, 230/460V, 3Ph	Table	15° L & 45° R	33
414502	J-8201VS	14" Metal/Wood Vertical Variable Speed Bandsaw	Metal/Wood Vertical	Variable Speed Pulley	1 HP, 115/230V, 1Ph	Table	15° L & 45° R	33

# NEW

## SEMI-AUTOMATIC DUAL MITERING EVS BANDSAW



SHOWN WITH  
OPTIONAL STAND

### DURABILITY

- Heavy-duty construction reduces vibration and deflection
- Built in, self-propelled blade brush prevents chip build up in blade guides
- Coolant is distributed through the blade guides
- Blade tension gauge helps to ensure the blade is in the correct cutting position

### SAFETY

- Magnetic starter for low voltage and lost phase protection
- Automatic blade breakage sensor detects accidental breakage and interrupts the power
- Power switch with safety key prevents accidental start up
- CSA/CUS: Following strict guidelines and electrical requirements, this JET saw is CSA/CUS certified
- Blade is fully guarded for operator safety
- Automatic shut off switch stops the sawing process

### EASE OF USE

- Equipped with frequency inverter which allows this EVS saw full range of blade speeds
- Semi-Automatic bow raises after cut to predetermined height
- Hydraulic downfeed control is easily adjusted enabling feed rates to evolve with variable types of materials
- Integrated pressurized wash hose for easy machine clean up
- Hydraulic Vise for rapid clamping of material on 13" saw
- Adjustable material stop

STOCK NUMBER	413412
Model Number	MBS-1323EVS-H
<b>CUTTING CAPACITIES</b>	
Tubing Round at 90 Degrees (in.)	13
Tubing Round at 60 Degrees (in.)	11
Tubing Round at 45 Degrees (in.)	13
Tubing Square at 90 Degrees (in.)	13
Tubing Square at 60 Degrees (in.)	11
Tubing Square at 45 Degrees (in.)	13
Tubing Rectangle at 90 Degrees (in.)	12 x 23-1/2
Tubing Rectangle at 60 Degrees (in.)	7 x 12
Tubing Rectangle at 45 Degrees (in.)	8 x 16
Solid Round at 90 Degrees (in.)	13
Solid Round at 60 Degrees (in.)	11
Solid Round at 45 Degrees (in.)	13
Solid Square at 90 Degrees (in.)	13
Solid Square at 60 Degrees (in.)	11
Solid Square at 45 Degrees (in.)	13
Solid Rectangle at 90 Degrees (in.)	12 x 23-1/2
Solid Rectangle at 60 Degrees (in.)	7 x 12
Solid Rectangle at 45 Degrees (in.)	8 x 16
Head Movement (deg.)	45R, 60L
Maximum Vise Opening (in.)	26
Blade Speeds (sfpm) (Electronic Variable Speed)	Variable 50 - 297
Blade Wheel Diameter (in.)	16
Blade Size (in.)	1-1/4 x 0.043 x 172
Bed Height (in.)	27 3/4
Motor (HP)	3 HP, 230/460V, 3-Phase
Motor Prewired	230V, 3Ph
Overall Dimensions (L x W x H / in.)	88 x 55 x 51 (machine)
Net Weight (lbs.)	1826
Gross Weight (lbs.)	2090

OPTIONAL EQUIPMENT	PART NUMBER
Replacement Blade - 1-1/4 x 0.043 x 172 4/6T	414403
Roller Stand	413413



# 13" SEMI-AUTO HORIZONTAL BANDSAW



## DURABILITY

- Large handwheel and built-in gauge provides easy blade tensioning
- Coolant is distributed through the blade guides
- Self-propelled blade brush extends the blade life

## SAFETY

- Safety switch shuts off motor if band breaks
- Automatic shut-off after cutach

## EASE OF USE

- Semi-automatic bow raises after cut is complete to predetermined height
- Fully adjustable hydraulic downfeed controls the rate of descent
- Quick-positioning vise lessens set-up time
- Cleaning hose and nozzle assist in washing chips away
- Easy access chip tray allows quick cleanup
- Variable blade speed allows optimum cutting performance
- Adjustable material stop

## STANDARD EQUIPMENT

- 1-1/4VT Bi-Metal

STOCK NUMBER		414471
Model Number		HBS-1321W
CUTTING CAPACITIES		
Round Capacity at 90° (in.)		13
Round Capacity at 45° (in.)		10-1/2
Rectangle Capacity at 90° (in.)		10 x 21 and 13 x 19
Rectangle Capacity at 45° (in.)		11-1/2 x 10-1/2
Blade Size (in.)		1-1/4 x .042 x 161-1/2
Blade Wheel Diameter (in.)		18
Blade Speed (sfpm)		80 - 260
Bed Height (in.)		28-3/4
Motor (HP)		3HP, 230/460V, 3Ph, Prewired 230V
Floor Space Required (L x W x H / in.)		87 x 32 x 55
Net Weight (lbs.)		1,276





# 12" x 20" SEMI-AUTOMATIC HORIZONTAL BANDSAWS

## DURABILITY

- Heavy-duty transmission utilizes hardened and ground gears operating in an oil bath
- Cast iron band wheels
- Counterbalanced feed system is controlled by a dual system of counterbalance springs working with a hydraulic cylinder

## SAFETY

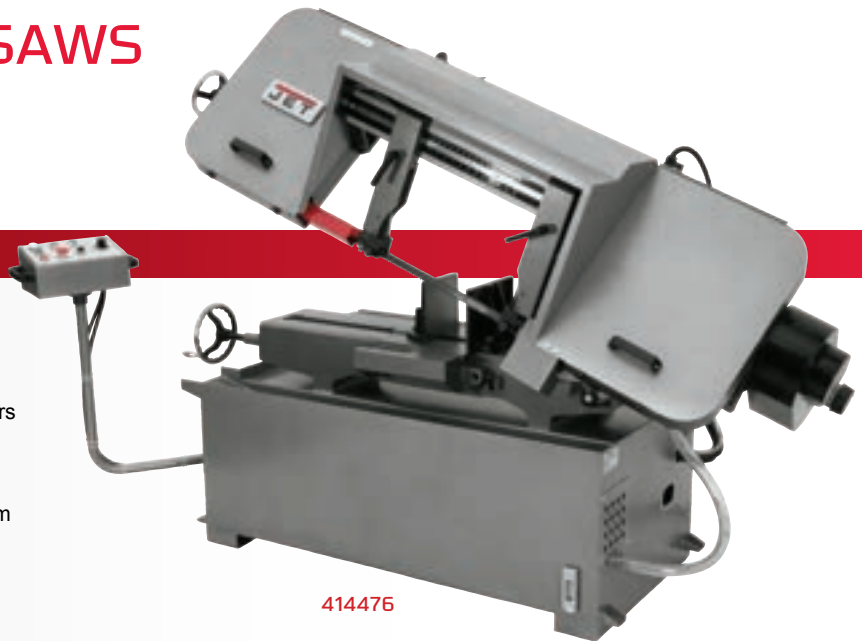
- Saw head raised hydraulically after each cut

## EASE OF USE

- Swivel control panel puts sawing functions at operators fingertips
- Variable speed drive system allows the operator to fine tune the blade speed fast and easily
- Exclusively patented 3 jaw vise allows for faster set up
- Exclusive six contact point blade adjustable guide assemblies utilize cam follower bearings mounted on eccentric shafts on both sides of the blade

## STANDARD EQUIPMENT

- Coolant system
- 1" Bi-metal blade
- Adjustable material stop



414476

STOCK NUMBER	414476	414476-4
Model Number	J-7060	J-7060-4
CUTTING CAPACITIES		
Round Capacity at 90° (in.)	12	12
Round Capacity at 45° (in.)	12	12
Rectangle Capacity at 90° (in.)	12 x 20	12 x 20
Rectangle Capacity at 45° (in.)	12 x 12	12 x 12
Blade Size (in.)	1 x .035 x 156	1 x .035 x 156
Blade Wheel Diameter (in.)	17	17
Blade Speed (sfpm)	82 - 262	82 - 262
Bed Height (in.)	26-1/4	26-1/4
Motor (HP)	3HP, 230/460V, 3Ph, Prewired 230V	3 HP, 460V, 3Ph
Floor Space Required (L x W x H / in.)	87 x 37-1/2 x 53	87 x 37-1/2 x 53
Net Weight (lbs.)	1144	1144

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 1" x .035" x 156" x 4/6VT	5512107
Replacement Blade - 1" x .035" x 156" x 5/8VT	5674023
Replacement Blade - 1" x .035" x 156" x 6/10VT	5512108



# NEW

## 10" x 18" DUAL MITERING BANDSAW



413411

### DURABILITY

- Heavy-duty construction reduces vibration and deflection
- Built in, self-propelled blade brush prevents chip build up in blade guides
- Coolant is distributed through the blade guides
- Blade tension gauge helps to ensure the blade is in the correct cutting position

### SAFETY

- Magnetic starter for low voltage and lost phase protection
- Automatic blade breakage sensor detects accidental breakage and interrupts the power
- Power switch with safety key prevents accidental start up
- CSA/CUS: Following strict guidelines and electrical requirements, this JET saw is CSA/CUS certified
- Blade is fully guarded for operator safety
- Automatic shut off switch stops the sawing process

### EASE OF USE

- Equipped with Frequency Inverter which allows this EVS saw full range of blade speeds
- Semi-Automatic bow raises after cut to predetermined height
- Hydraulic downfeed control is easily adjusted enabling feed rates to evolve with variable types of materials
- Integrated pressurized wash hose for easy machine clean up
- Quick action vise



STOCK NUMBER	413411	413410
Model Number	MBS-1018-1	MBS-1018-3
<b>CUTTING CAPACITIES</b>		
Tubing Round at 90 Degrees (in.)	10	10
Tubing Round at 60 Degrees (in.)	6	6
Tubing Round at 45 Degrees (in.)	10	10
Tubing Square at 90 Degrees (in.)	10	10
Tubing Square at 60 Degrees (in.)	5-1/2	5-1/2
Tubing Square at 45 Degrees (in.)	10	10
Tubing Rectangle at 90 Degrees (in.)	10 x 17	10 x 17
Tubing Rectangle at 60 Degrees (in.)	6 x 5	6 x 5
Tubing Rectangle at 45 Degrees (in.)	10 x 12	10 x 12
Solid Round at 90 Degrees (in.)	10	10
Solid Round at 60 Degrees (in.)	6	6
Solid Round at 45 Degrees (in.)	10	10
Solid Square at 90 Degrees (in.)	10	10
Solid Square at 60 Degrees (in.)	5-1/2	5-1/2
Solid Square at 45 Degrees (in.)	10	10
Solid Rectangle at 90 Degrees (in.)	10 x 17	10 x 17
Solid Rectangle at 60 Degrees (in.)	6 x 5	6 x 5
Solid Rectangle at 45 Degrees (in.)	10 x 12	10 x 12
Head Movement (deg.)	45R, 60L	45R, 60L
Maximum Vise Opening (in.)	18	18
Blade Speeds (sfpm)	50, 125, 200, 275	50, 125, 200, 275
Blade Wheel Diameter (in.)	14-1/4	14-1/4
Blade Size (in.)	1 x 0.032 x 144	1 x 0.032 x 144
Bed Height (in.)	22-1/2	22-1/2
Motor (HP)	2 HP 230V, 1 Phase	2 HP, 230/460V, 3 Phase
Motor Prewired		230V, 3Ph
Overall Dimensions (L x W x H / in.)	79 x 36 x 46	79 x 36 x 46
Net Weight (lbs.)	1034	1034
Gross Weight (lbs.)	1144	1144

#### OPTIONAL EQUIPMENT

Replacement Blade - 1 x 0.032 x 144 4/6T

#### BLADE REPLACEMENT PART NUMBER

891097

# 10" x 18" HORIZONTAL BANDSAW



## DURABILITY

- Heavy-duty casted body
- Coolant is distributed through the blade guides
- Carbide Blade guides feature parallel double-row ball bearing support
- 4/6VT Bi-metal blade

## SAFETY

- Blade is guarded regardless of blade guide position
- Automatic shut-off after cut

## EASE OF USE

- Removable chip tray for quick clean-up
- Large hand wheel and built-in gauge for easy blade tensioning
- Built-in, self propelled blade brush extends blade life
- Quick-positioning vise with fully adjustable jaws swivels to 45°
- Fully adjustable hydraulic downfeed with separate on/off valve
- Adjustable material stop

STOCK NUMBER		414473
Model Number		HBS-1018W
CUTTING CAPACITIES		
Round Capacity at 90° (in.)		10
Round Capacity at 45° (in.)		7-1/2
Rectangle Capacity at 90° (in.)		10 x 16 and 6-1/2 x 18
Rectangle Capacity at 45° (in.)		10 x 7-1/2
Vise Swivels (deg.)		45°
Blade Size (in.)		1 x 0.032 x 130
Blade Wheel Diameter (in.)		14
Blade Speed (sfpm)		82, 132, 210, 330
Bed Height (in.)		23-1/2
Motor (HP)		2HP, 230V only, 1Ph
Floor Space Required (L x W x H / in.)		69 x 28 x 42-3/4
Net Weight (lbs.)		776

OPTIONAL EQUIPMENT		STOCK NUMBER
Replacement Blade - 1" x .035" x 130-1/2" x 4/6VT		414308
Replacement Blade - 1" x .035" x 130-1/2" x 8/12VT		414310



# 10" x 16" HORIZONTAL MITERING BANDSAWS



414474

## DURABILITY

- Heavy-duty transmission utilizes hardened and ground gears operating in an oil bath
- Combined with the side bearings are carbide pads, the back of the blade rides on two load bearings mounted on a pivot shaft so both bearings share the load equally
- Cast iron blade wheels
- 1" Bi-metal blade

## SAFETY

- Blade guard
- Counterbalanced feed system is controlled by a dual system of counterbalance springs working with a hydraulic cylinder

## EASE OF USE

- Variable speed drive system allows the operator to fine tune the blade speed fast and easily
- Exclusive six contact point blade adjustable guide assemblies
- Mitering head – the workpiece remains fixed while the head swivels to cut any angle 0° - 45°
- Swing away control panel houses major saw controls
- Adjustable material stop

STOCK NUMBER	414474	414475	414484
Model Number	J-7020M	J-7040M	J-7040M-4
<b>CUTTING CAPACITIES</b>			
Round Capacity at 90° (in.)	10	10	10
Round Capacity at 45° (in.)	10	8-1/2	8-1/2
Rectangle Capacity at 90° (in.)	2 x 16 and 10 x 14	2 x 16 and 10 x 14	2 x 16 and 10 x 14
Rectangle Capacity at 45° (in.)	8-1/2 x 9	8-1/2 x 9	8-1/2 x 9
Vise Swivels (deg.)	45	45	45
Blade Size (in.)	1 x .035 x 135	1 x .035 x 135	1 x .035 x 135
Blade Wheel Diameter (in.)	14	14	14
Blade Speed (sfpm)	100-350	100 - 350	100 - 350
Bed Height (in.)	25-1/2	25-1/2	25-1/2
Motor (HP)	1-1/2HP, 115/230V, 1Ph, Prewired 230V	2HP, 230 3Ph, Prewired 230V	2HP, 460V, 3Ph, Prewired 460V
Floor Space Required (L x W x H / in.)	76 x 30 x 48	76 x 30 x 48	76 x 30 x 48
Net Weight (lbs.)	794	794	794



# 10" x 16" HORIZONTAL BANDSAW



## DURABILITY

- Heavy-duty rugged transmission utilizes hardened and ground gears operating in an oil bath
- One piece wheel cover
- Cast iron blade wheels
- Bi-Metal Blade

## SAFETY

- Exclusive adjustable blade guide with six contact point system that utilizes cam follower bearings mounted on eccentric shafts on both sides of the blades

## EASE OF USE

- Swivel control panel puts sawing functions at operator's fingertips
- Variable speed drive system allows the operator to fine tune the blade speed fast and easily
- Patented 3-Jaw vise with rapid action moveable jaw for faster set up
- Adjustable material stop
- Large one piece wheel cover
- Coolant system

STOCK NUMBER	414472	414478	414499
Model Number	J-7020	J-7040	J-7040-4
<b>CUTTING CAPACITIES</b>			
Round Capacity at 90° (in.)	10	10	10
Round Capacity at 45° (in.)	10	10	10
Rectangle Capacity at 90° (in.)	7 x 16 / 10 x 10	7 x 16 / 10 x 10	7 x 16 / 10 x 10
Rectangle Capacity at 45° (in.)	6-1/2 x 11	6-1/2 x 11	6-1/2 x 11
Blade Size (in.)	1 x .035 x 130	1 x .035 x 130	1 x .035 x 130
Blade Wheel Diameter (in.)	14	14	14
Blade Speed (sfpm)	100 - 350	100 - 350	100 - 350
Bed Height (in.)	23-1/2	23-1/2	23-1/2
Motor (HP)	1-1/2HP, 115/230V, 1Ph, Prewired 230V	2HP, 230V, 3Ph	2HP, 460V, 3Ph, Prewired 460V
Floor Space Required (L x W x H / in.)	75-1/2 x 33 x 41	75-1/2 x 33 x 41	75-1/2 x 33 x 41
Net Weight (lbs.)	927	927	927

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 1" x .035" x 135" x 4/6VT	5674011
Replacement Blade - 1" x .035" x 135" x 5/8VT	5674022
Replacement Blade - 1" x .035" x 135" x 6/10VT	5674021





# 10" x 14" HORIZONTAL MITERING BANDSAWS



414477

## DURABILITY

- Mitering head swivels to cut any angle 0° - 45° while the work piece remains secured
- Built-in, self-propelled blade brush extends blade life
- Coolant system
- Coolant is distributed through the blade guides
- 4/6VT Bi-metal blade

## SAFETY

- Automatic shut-off after cut

## EASE OF USE

- Large, easy-to-read scale for accurate positioning of the saw head
- Fully adjustable hydraulic downfeed with separate on/off control valve
- Large handwheel and built-in gauge provides easy blade tensioning
- Carbide blade guides with roller bearings
- Quick positioning vise reduces set-up time
- Adjustable material stop

STOCK NUMBER	414479	414477
Model Number	MBS-1014W-1	MBS-1014W-3
<b>CUTTING CAPACITIES</b>		
Round Capacity at 90° (in.)	10	10
Round Capacity at 45° (in.)	9	9
Rectangle Capacity at 90° (in.)	10 x 14	10 x 14
Rectangle Capacity at 45° (in.)	9 x 8-1/2	9 x 8-1/2
Vise Swivels (deg.)	45	45
Blade Size (in.)	1 x .035 x 130, 4/6VT	1 x .035 x 130, 4/6VT
Blade Wheel Diameter (in.)	14	14
Blade Speed (sfpm)	82, 132, 210, 330	82,132,210,330
Bed Height (in.)	25	25
Motor (HP)	2HP, 230V Only, 1Ph	3 HP, 230/460V, 3Ph Prewired 230V
Floor Space Required (L x W x H / in.)	26x69x44	26 x 69 x 44
Net Weight (lbs.)	948	948

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 1" x .035" x 130" x 4/6VT	414311



**NEW**

## 8" AND 10" PORTABLE DUAL MITERING BANDSAWS

### DURABILITY

- Built in, self-propelled blade brush prevents chip build up in blade guides
- Pipe Jaws included with vise
- Coolant system available on #424465 10" Saw

### SAFETY

- Power switch with safety key prevents accidental start up
- CSA/CUS: Following strict guidelines and electrical requirements, these JET saws are CSA/CUS certified
- Blade is fully guarded for operator safety and can be used in both vertical & horizontal cutting positions
- Automatic shut off switch stops the sawing process

### EASE OF USE

- Hydraulic downfeed control is easily adjusted enabling feed rates to evolve with variable types of materials
- Head dual miters both left & right for quick angle cuts
- Protractor for fast and accurate angle cutting
- Converts from horizontal to vertical position with ease
- Large 16" x 10" Vertical cutting table comes standard
- Locking front casters to guide saw across the floor
- Back wheels standard for ease of movement on any shop floor



424460



424465



STOCK NUMBER	424460	424463	424465
Model Number	HVBS-8-DMW	HVBS-10-DMW	HVBS-10-DMWC
<b>CUTTING CAPACITIES</b>			
Tubing Round at 90 Degrees (in.)	8	10	10
Tubing Round at 45 Degrees (in.)	6	6-1/2	6-1/2
Tubing Square at 90 Degrees (in.)	7	8	8
Pipe Square at 45 Degrees (in.)	5-1/2	5-1/2	5-1/2
Pipe Rectangle at 90 Degrees (in.)	7 x 8	8 x 9	8 x 9
Pipe Rectangle at 45 Degrees (in.)	7 x 5-1/2	8 x 5-1/2	8 x 5-1/2
Solid Round at 90 Degrees (in.)	8	10	10
Solid Round at 45 Degrees (in.)	6	6-1/2	6-1/2
Solid Square at 90 Degrees (in.)	7	8	8
Solid Square at 45 Degrees (in.)	5-1/2	5-1/2	5-1/2
Solid Rectangle at 90 Degrees (in.)	7 x 8	8 x 9	8 x 9
Solid Rectangle at 45 Degrees (in.)	7 x 5-1/2	8 x 5-1/2	8 x 5-1/2
Vertical Cutting Capacity (in.)	12 x 8	13 x 10	13 x 10
Head Movement (deg.)	+/- 45	+/- 45	+/- 45
Maximum Vise Opening (in.)	8.25	10	10
Blade Speeds (sfpm)	64, 132, 247	64, 132, 247	64, 132, 247
Blade Wheel Diameter (in.)	8-13/16	11 23/32	11 23/32
Blade Size (in.)	1 x 0.035 x 102.9	1 x 0.035 x 120	1 x 0.035 x 120
Table Height (in.)	27-5/16	30-13/32	30-13/32
Coolant Pump Motor (HP)	N/A	N/A	1/8HP, 115V, Single Phase
Electrics (HP)	3/4HP, 115V, Single Phase	1HP, 115V, Single Phase	1HP, 115V, Single Phase
Overall Dimensions (L x W x H / in.)	24 x 54.7 x 43.8	72 x 34.5 x 46	72 x 34.5 x 46
Net Weight (lbs.)	363	528	528
Gross Weight (lbs.)	500	558	558

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 3/4" x 0.035" x 103" 5/8T for 424460	HVBS-8-DMW-6
Replacement Blade - 1" x 0.035" x 120" 5/8T for 424463 & 424465	HVBS10-DMW-6

# 7" AND 8-3/4" ZIP MITER HORIZONTAL BANDSAWS



## DURABILITY

- Complete coolant system
- Coolant is distributed through the blade guides
- Heavy-duty cast iron saw head and sturdy base
- Eccentric shaft ball bearings
- Bi-Metal bandsaw blade

## SAFETY

- Overload protection
- Quick Release vise

## EASE OF USE

- Adjustable hydraulic feed system
- Mitering capability to 60°
- Convenient control panel
- Hydraulic blade tension gauge
- Adjustable material stop

414464

STOCK NUMBER	414464	414467
Model Number	J-9180-3	J-9225
CUTTING CAPACITIES		
Round Capacity at 90° (in.)	7	8-3/4
Round Capacity at 45° (in.)	4-1/2	6-1/4
Rectangle Capacity at 90° (in.)	7 x 7	8-3/4 x 7
Rectangle Capacity at 45° (in.)	4-1/2 x 4-1/2	6-1/4 x 7-1/4
Vise Swivels (deg.)	60	60
Blade Size (in.)	3/4 x .035 x 82	1 x .035 x 96-1/2
Blade Speed (sfpm)	137, 275	157, 314
Blade Wheel Diameter (in.)	10-1/2	11-5/8
Bed Height (in.)	35-7/8	38-7/16
Motor (HP)	1HP, 230V, 3Ph	1-1/2HP, 230V, 3Ph
Floor Space Required (L x W x H / in.)	47 x 29 x 56-1/2	51 x 33 x 59-1/4
Net Weight (lbs.)	375	485



# 8" x 13" HORIZONTAL BANDSAW



## DURABILITY

- The combination of an oil bath, gear reduction power train, along with precision blade guides and a hydraulic feed system delivers consistent, accurate cuts.
- Longer blade wheel base reduces blade fatigue and increases blade life
- Heavy-duty, rigid steel and cast iron construction of the head and base provides full blade support and eliminates vibration and deflection.
- 1" Bi-metal blade

## SAFETY

- Dual voltage electrics (115V/230V) with overload and low voltage protection
- Blade guard

## EASE OF USE

- Conveniently located control panel and an easily accessible coolant system
- Easy-to-use belt drive tensioner does not require tools for blade speed changes or belt replacement
- Rapid acting vise (allows miter cutting to 45°)
- Coolant system
- Adjustable material stop

STOCK NUMBER		414450
Model Number		J-7015
CUTTING CAPACITIES		
Round Capacity at 90° (in.)		9
Round Capacity at 45° (in.)		9
Rectangle Capacity at 90° (in.)		9 x 13
Rectangle Capacity at 45° (in.)		9 x 8
Blade Size (in.)		1 x .035 x 114.5
Blade Wheel Diameter (in.)		11-5/8
Blade Speed (sfpm)		82, 132, 170, 235
Bed Height (in.)		27-1/2
Motor (HP)		1.5HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (L x W x H / in.)		62-1/2 x 23 x 48
Net Weight (lbs.)		551

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 1" x .035" x 114-1/2" x 4/6VT	5516191
Replacement Blade - 1" x .035" x 114-1/2" x 8/12VT	5516193





# 7" x 12" HORIZONTAL / VERTICAL INDUSTRIAL BANDSAWS

## DURABILITY

- Blade drive is a belt to sealed, hardened and ground gear drive system
- Heavy cast iron bow and bed
- Improved wider stand with built-in storage cabinet and chip tray
- Blade wheels are made flanged cast iron
- Bi-metal 5/8T blade

## SAFETY

- CSA/CUS: CSA/CUS: Following strict guidelines and electrical requirements, these JET saws are CSA/CUS certified
- UL listed switches
- Blade tensioning guides
- Auto shut-off after cut
- Cast mounted hydraulic downfeed for ease of cut

## EASE OF USE

- Four 8" rubber wheels for ease of movement
- Quick change vise, miters to 45° (414559)
- Toolless quick lock vise with preset mitering positions at 15°, 30° & 45° (414560)
- Multi-position blade guide enhances use in vertical position by increases the throat capacity from 4" to 8" and creates a safer working position (414560)
- Side-eccentric shaft with ball bearings and rear-ball bearing blade guides (414559)
- Adjustable hydraulic downfeed system
- Large 10" x 12" infeed table assembly extends the support area and can be used in either horizontal or vertical positions (414560)
- Micro adjustable toolless material stop (414560)
- Coolant pump with 1 gallon tank, 1/8HP, single phase motor complete with hose, flexible nozzle, shut-off valve, tank and baffle
- Chip brush



414560

STOCK NUMBER	414559	414560
Model Number	HVBS-712	HVBS-712D
Cutting Capacity (W x D) (in.)	7 x 12	7 x 12
Round Capacity at 90 Degree (in.)	7	7
Round Capacity at 45 Degree (in.)	4-1/2	5
Rectangle Capacity at 90 Degree (in.)	1 (H) x 12 (W) 2 (H) x 11-1/4 (W) 4 (H) x 11 (W) 7 (H) x 10-3/8 (W)	1 (H) x 12 (W) 2 (H) x 11-1/4 (W) 4 (W) x 11 (W) 7 (H) x 10-1/4 (W)
Rectangle Capacity at 45 Degree (in.)	6-1/2 (H) x 4-1/2 (W)	6 (H) x 4 (W)
Square Capacity at 90 Degree (in.)	7 x 7	7 x 7
Square Capacity at 45 Degree (in.)	4-1/2 x 4-1/2	5 x 5
Throat Depth (in.)	7	7
Vertical Tables (in.)	5 x 6	10 x 12
Vise Swivels (deg.)	45	45
Blade Size (in.)	3/4 x .032 x 93	3/4 x .032 x 93
Blade Wheel Diameter (in.)	11-3/4	11-3/4
Blade Speed (sfpm)	86, 132, 178, 260	86, 132, 178, 260
Bed Height (in.) with out Wheels	22-1/4	22-1/4
Motor/Electrics (HP)	3/4HP, 115/230V, 1-Ph	3/4HP, 115/230V, 1-Ph
Prewired	115V	115V
Overall Dimensions (L x W x H / in.)	48 x 17 x 40	48 x 17 x 44
Net Weight (lbs.)	374	374

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 3/4" x .035" x 93" x 6/10VT	414304



# 7" x 10-1/2" HORIZONTAL / VERTICAL MITERING BANDSAW

## DURABILITY

- Heavy cast iron bow and head
- Hardened and ground worm gear
- 3/4" Bi-metal blade 5/8 TPI

## SAFETY

- Blade guard

## EASE OF USE

- Swivel head for both horizontal and vertical miter cutting
- Hydraulic downfeed for ease of cut
- Large 8" wheels and handle for easy movement in your shop
- Quick lock vise
- Coolant system
- Adjustable material stop
- Chip brush



413451

STOCK NUMBER	413451	413452
Model Number	HVBS-710S	HVBS-710G
Motor Drive	Belt	Geared
CUTTING CAPACITIES		
Round at 90° (in.)	7	7
Round at 45° (in.)	4	4
Rectangle at 90° (in.)	7 x 10-1/2	7 x 10-1/2
Rectangle at 30° (in.)	4-3/4 x 4	4-3/4 x 4
Blade Size (in.)	3/4" x .032 x 93 5/8 TPI	3/4 x .032 x 93 5/8 TPI
Blade Speeds (sfpm)	86, 131, 182, 260	145, 208, 255
Blade Wheel Diameter (in.)	11-3/4	11-3/4
Motor (HP)	1HP, 115/230V, 1Ph Prewired 115V	1 HP, 115/230V, 1Ph Prewired 115V
Net Weight (lbs.)	396	396

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 3/4" x .035" x 93" x 6R	5632142
Replacement Blade - 3/4" x .035" x 93" x 14R	5632161



# 5" x 6" HORIZONTAL MITERING BANDSAW



## DURABILITY

- Sealed worm gear transmission
- Ball bearing drive wheel and blade guides

## SAFETY

- Blade guard

## EASE OF USE

- Hydraulic down feed control
- Deluxe enclosed stand with handle and wheels for easy movement
- Head swivels for a maximum cut at 45° & 60°
- 1/2" Carbon steel blade
- Adjustable material stop

STOCK NUMBER		414457
Model Number		HBS-56S
CUTTING CAPACITIES		
Round Capacity at 90° (in.)		5
Round Capacity at 45° (in.)		2-3/4
Round Capacity at 60° (in.)		1-3/4
Rectangle Capacity at 90° (in.)		5 x 6; 2 x 6-3/4
Rectangle Capacity at 45° (in.)		4 x 2-3/4; 2 x 3-3/4
Rectangle Capacity at 60° (in.)		5 x 1-3/4
Blade Size (in.)		1/2 x .025 x 64-1/2
Blade Wheel Diameter (in.)		7-3/8
Blade Speed (sfpm)		80, 120, 200
Bed Height (in.)		28
Motor (HP)		1/2HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (L x W x H / in.)		37 x 20-3/4 x 41
Net Weight (lbs.)		172

OPTIONAL EQUIPMENT		STOCK NUMBER
Replacement Blade - 1/2" x .025" x 64-1/2" x 14R-C		414301



# 5" x 6" HORIZONTAL / VERTICAL BANDSAW



## DURABILITY

- Heavy-duty 14-gauge stand
- Heat-treated and ground steel worm gear with bronze drive gear
- Ball bearing supported blade wheel

## SAFETY

- Automatic shut-off after cut

## EASE OF USE

- Large diameter wheels and built-in handle allows easy movement
- Front legs feature adjustable leveling pads
- Fully adjustable ball bearing blade guides
- Three blade speeds
- 1/2" Carbon steel blade

STOCK NUMBER		414458
Model Number		HVBS-56M
CUTTING CAPACITIES		
Round Capacity at 90° (in.)		5
Round Capacity at 45° (in.)		3
Rectangle Capacity at 90° (in.)		5 (H) x 5-3/4 (W) & 2 (H) x 6 (W)
Rectangle Capacity at 45° (in.)		4-1/2 (H) x 3 (W)
Throat Depth (in.)		5
Vertical Worktable (in.)		9-5/8 x 9-1/2
Vise Swivels (deg.)		45
Blade Size (in.)		1/2 x .025 x 64-1/2
Blade Wheel Diameter (in.)		7-3/8
Blade Speed (sfpm)		80, 120, 200
Bed Height (in.)		26
Motor (HP)		1/2HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (L x W x H / in.)		36 x 20 x 39.5
Net Weight (lbs.)		115

OPTIONAL EQUIPMENT		STOCK NUMBER
Replacement Blade - 1/2" x .025" x 64-1/2" x 14R-C		414301



# 14", 16", 20" AND 36" VERTICAL BANDSAWS

## DURABILITY

- Heavy-duty completely enclosed steel frame
- Blade and tire cleaning brush

## SAFETY

- Blade guard
- Rip fence

## EASE OF USE

- Multi-tilting work surfaces
- Easy-to-read blade tension indicator
- Variable speeds provide proper adjustments for high efficiency cutting
- Blade welder, grinder & cutter
- Worklamp
- Chip blower

## FEATURES OF THE VBS-3612

- Heavy-duty bandsaw can handle large production pieces on its extra large twin tables
- Three wheel system for cutting wide pieces
- Two speed transmission and variable speed allow for wide range of blade speeds
- Two work tables
- 1/4" x 14/18 VT Bi-Metal blade



414483

STOCK NUMBER	414483	414485	414482	414470
Model Number	VBS-1408	VBS-1610	VBS-2012	VBS-3612
Blade Speeds (sfpm)	82 - 330	Low 82 - 330, High 985 - 3,950	Low 65 - 555, High 390 - 3,280	Low 50 - 410, High 550 - 5,000
Height Capacity (max. / in.)	8	10	12	12
Throat Capacity (max. / in.)	14	15-1/2	20	36
Table Size (in.)	20 x 20	22 x 24	24 x 22-1/2	23-5/8 x 27-1/2 and 17-3/4 x 27-1/2
Table Tilt	8° F & B, 12° L, 15° R	8° F & B, 12° L, 15° R	8° F & B, 15° R & 12° L	10° L & 45° R
Blade Length (approx. / in.)	114	123-1/2	156-1/2	197
Blade Width (min-max. / in.)	1/8 - 1/2	1/8 - 5/8	1/8 - 1	1/8 - 1
Table Height (in.)	39	40	39-1/2	40
Motor (HP)	1HP, 115/230V, 1Ph, Prewired 115V	2HP, 230/460V, 3Ph, Prewired 230V	2HP, 230/460V, 3Ph, Prewired 230V	3HP, 230/460V, 3Ph, Prewired 230V
Floor Space Required (L x W x H / in.)	34 x 24 x 68-1/2	37 x 28 x 72-1/2	42 x 30 x 79	69 x 32 x 81
Net Weight (lbs.)	580	900	1210	1,760

OPTIONAL EQUIPMENT	STOCK NUMBER
VBS-3612 Replacement Blade - 1/4" x .025" x 197" x 14R-C	5674030





# 18" METAL/WOOD VERTICAL BANDSAW

## DURABILITY

- Strong steel construction
- Extra large 19" x 19" cast iron table

## SAFETY

- Blade guard

## EASE OF USE

- Exclusive quick-release, precision T-square style rip fence
- Built-in cutting height scale
- Convenient speed changes with no tools required
- Ball bearing guide system reduces friction for longer blade life
- Lower blade wheel brush and dust collection port



STOCK NUMBER		414418
Model Number	VBS-18MW	
Height Capacity (max. / in.)	12	
Throat Depth (max. / in.)	18-3/8	
Rip left of blade w/fence (max. / in.)	16-1/2	
Blade Size (in.)	137 x 3/4 x .035	
Blade Length (approx. / in.)	137	
Blade Width (min-max. / in.)	1/8 - 1-1/2 (Wood)	
Cutting Speeds Wood (sfpm)	1,000, 1,800, 3,200	
Cutting Speeds Metal (sfpm)	80, 150, 265	
Table Size (in.)	19 x 19	
Table Tilt	R 45°, L 10°	
Table Height at 90° (in.)	37-1/2	
Motor (HP)	1-1/2HP 115/230V, 1Ph, Prewired 115V	
Floor Space Required (L x W x H / in.)	42 x 38 x 74	
Net Weight (lbs.)	456	



# FK350 SERIES MANUAL FERROUS COLD SAWS

## DURABILITY

- 350mm Ferrous cold saw for steel, stainless and tough to cut alloys
- Sturdy gear box design
- Flood coolant system comes standard

## SAFETY

- Thermal overload protection with magnetic starter
- Casted blade cover

## EASE OF USE

- Double self-centering vise for burr free cuts
- Manually cuts from 45° left to 45° right
- Miter stops at 90°, 45° left to 45° right
- Two cutting speeds



414214K

STOCK NUMBER	414214K	414217K
Model Number	J-FK350-2K	J-FK350-4K
CUTTING CAPACITY FOR TUBING		
Round at 90° (in.)	4-1/2	4-1/2
Round at 45° (in.)	3-1/2	3-1/2
Square at 90° (in.)	4-1/4	4-1/4
Square at 45° (in.)	3-1/2	3-1/2
Rectangle at 90° (in.)	5-1/2 x 3-3/4	5-1/2 x 3-3/4
Rectangle at 45° (in.)	3-1/2 x 3-1/2	3-1/2 x 3-1/2
CUTTING CAPACITY FOR SOLID		
Round at 90° (in.)	2	2
Round at 45° (in.)	1-3/4	1-3/4
Square at 90° (in.)	2	2
Square at 45° (in.)	1-3/4	1-3/4
Blade Size (mm)	350 x 32 x 2.5	350 x 32 x 2.5
Blade Speeds (rpm)	44, 88	44, 88
Maximum Vise Opening (in.)	6	6
Motor (HP)	2HP, 220V, 3Ph	2HP, 440V, 3Ph
Floor Space required (L x W x H/ in.)	50 x 28 x 60	50 x 28 x 60
Net Weight (lbs.)	794	794



# CS SERIES MANUAL FERROUS COLD SAWS



## DURABILITY

- Heavy-duty cast iron frame base standard
- Hardened and ground worm and wheel gear box
- Flood coolant system with a 1-1/3 gallon coolant tank capacity

## SAFETY

- Casted blade cover

## EASE OF USE

- Cast dual pivot saw head
- Two cutting speeds

414226

STOCK NUMBER	414226	414228	414227	414229
Model Number	CS-275	CS-275-1	CS-315	CS-315-1
<b>CUTTING CAPACITY FOR TUBING</b>				
Round at 90° (in.)	3-2/7	3-2/7	3-1/2	3-1/2
Round at 45° (in.)	3-2/7	3-2/7	3-1/2	3-1/2
Square at 90° (in.)	2-1/2 x 2-1/2	2-1/2 x 2-1/2	3-1/5 x 3-1/5	3-1/5 x 3-1/5
Square at 45° (in.)	2-1/5 x 2-1/5	2-1/5 x 2-1/5	2-3/5 x 2-3/5	2-3/5 x 2-3/5
Rectangle at 90° (in.)	3-1/9 x 2	3-1/9 x 2	4 x 3-1/5	4 x 3-1/5
Rectangle at 45° (in.)	2-1/5 x 2	2-1/5 x 2	3-1/5 x 2-3/5	3-1/5 x 2-3/5
<b>CUTTING CAPACITY FOR SOLID</b>				
Round at 90° (in.)	3-2/7	3-2/7	3-1/2	3-1/2
Round at 45° (in.)	3-2/7	3-2/7	3-1/2	3-1/2
Square at 90° (in.)	2-1/2 x 2-1/2	2-1/2 x 2-1/2	3-1/5 x 3-1/5	3-1/5 x 3-1/5
Square at 45° (in.)	2-1/5 x 2-1/5	2-1/5 x 2-1/5	2-3/5 x 2-3/5	2-3/5 x 2-3/5
Rectangle at 90° (in.)	3-1/9 x 2	3-1/9 x 2	4 x 3-1/5	4 x 3-1/5
Rectangle at 45° (in.)	2-1/5 x 2	2-1/5 x 2	3-1/5 x 2-3/5	3-1/5 x 2-3/5
Blade Size (mm)	275 x 32 x 2	275 x 32 x 2	315 x 32 x 2	315 x 32 x 2
Blade Speeds (rpm)	54, 108	54	52, 104	54
Maximum Vise Opening (in.)	4	4	4-3/4	4-3/4
Motor (HP)	1.5HP, 230V, 3Ph	1.5 HP, 115/230V, 1Ph, Prewired 115V	2HP, 230V, 3Ph	2 HP, 230V, 1Ph
Floor Space required (L x W x H / in.)	38 x 37 x 64	38 x 37 x 64	39 x 37 x 69	39 x 37 x 69
Net Weight (lbs.)	330	330	390	420



# J-F225 BENCH FERROUS COLD SAW

## DURABILITY

- Bronze worm gear and hardened ground worm screw gear box in an oil bath
- Coolant system

## SAFETY

- Control handle with a safety spring loaded trigger switch to start or stop the machine

## EASE OF USE

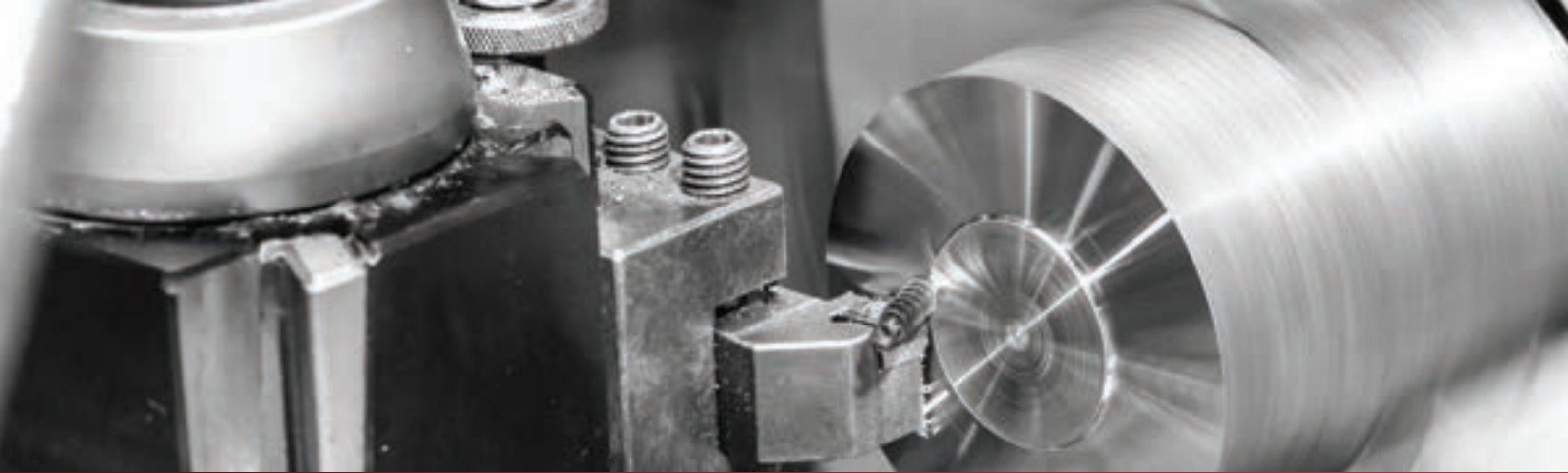
- Adjustable depth stop
- Blade included
- Manually cuts from 0 - 45° left
- Split jaw vise
- Large coolant tray



STOCK NUMBER		414220
Model Number		J-F225
CUTTING CAPACITY FOR TUBING		
Round at 90° (in.)		2-1/2
Round at 45° (in.)		2
Rectangle at 90° (in.)		2-1/2 x 2-15/16
Rectangle at 45° (in.)		1-3/4 x 1-1/4
Square at 90° (in.)		2-1/4
Square at 45° (in.)		1-5/8 x 1-5/8
Blade Size (mm.)		225
Blade Speed (rpm)		52
Motor (HP)		1HP, 115V, 1Ph
Floor Space Required (L x W x H / in.)		30 x 17 x 32
Net Weight (lbs.)		84

OPTIONAL EQUIPMENT		STOCK NUMBER
Replacement Blade - 225 - 2 - 32 / 180 Teeth		579000
Replacement Blade - 225 - 2 - 32 / 120 Teeth		579002





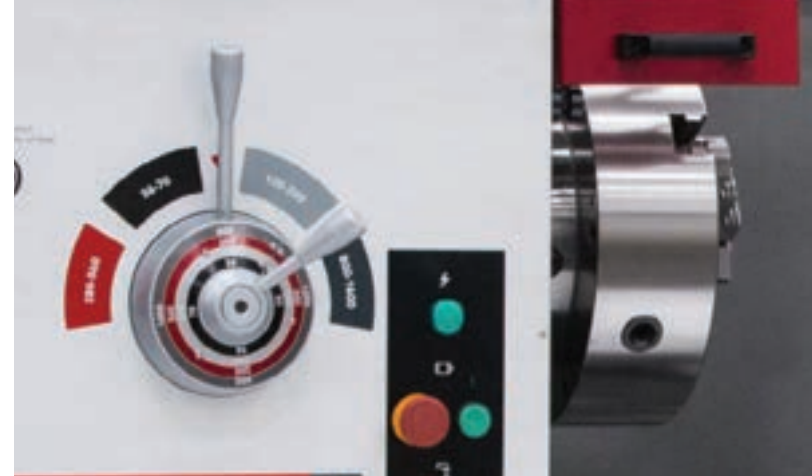
## CHOOSE YOUR LATHE

### QUICK REFERENCE GUIDE

BASE MACHINE	MODEL	DESCRIPTION	SWING OVER BED (in.)	DISTANCE BETWEEN CENTERS (in.)	SPINDLE BORE (in.)	TAPER SPINDLE MOUNT	MOTOR	PAGE NUMBER
<b>LARGE SPINDLE BORE GEARED HEAD ENGINE LATHE</b>								
<b>321890</b>	GH26120ZH	4-1/8" Spindle Bore Geared Head Lathe	26	120	4-1/8	D1-8	10 HP, 230/460V, 3Ph	46
<b>321860</b>	GH-2680ZH	4-1/8" Spindle Bore Geared Head Lathe	26	80	4-1/8	D1-8	10 HP, 230/460V, 3Ph	46
<b>321980</b>	GH-2280ZX	3-1/8" Spindle Bore Geared Head Lathe	22	80	3-1/8	D1-8	10 HP, 230/460V, 3Ph	48
<b>321970</b>	GH-1880ZX	3-1/8" Spindle Bore Geared Head Lathe	18	80	3-1/8	D1-8	7-1/2 HP, 230/460V, 3Ph	48
<b>321960</b>	GH-1860ZX	3-1/8" Spindle Bore Geared Head Lathe	18	60	3-1/8	D1-8	7-1/2 HP, 230/460V, 3Ph	48
<b>321940</b>	GH-1660ZX	3-1/8" Spindle Bore Geared Head Lathe	16	60	3-1/8	D1-8	7-1/2 HP, 230/460V, 3Ph	48
<b>321930</b>	GH-1640ZX	3-1/8" Spindle Bore Geared Head Lathe	16	40	3-1/8	D1-8	7-1/2 HP, 230/460V, 3Ph	48
<b>321910</b>	GH-1440ZX	3-1/8" Spindle Bore Geared Head Lathe	14	40	3-1/8	D1-8	7-1/2 HP, 230/460V, 3Ph	48
<b>GEARED HEAD BENCH LATHE</b>								
<b>321357A</b>	GHB-1340A	1-3/8" Spindle Bore Geared Head Bench Lathe	13	43	1-1/2	D1-4	2 HP, 230V, 1Ph	52
<b>BELT DRIVE BENCH LATHE</b>								
<b>321360A</b>	BDB-1340A	1-3/8" Spindle Bore Belt Drive Bench Lathe	13	40	1-3/8	D1-4	2 HP, 230V, 1Ph	54

\*See product pages for package options





## COMMON LATHE TERMINOLOGY

- A** GAP: THE GAP ALLOWS YOU TO TURN A LARGER DIAMETER WORK PIECE.
- B** SWING ( EX: 14")
- C** DISTANCE BETWEEN CENTERS IS FROM CHUCK TO TAILSTOCK
- D** LENGTH OF BED

## TURNING HELPFUL INFO

The size of an engine lathe is determined by the largest piece of stock that can be machined. Before machining a workpiece, the following measurements must be considered: the diameter of the work that will swing over the bed and the length between lathe centers.

Engine lathes all have the same general functional parts; the bed is the foundation of the working parts of the lathe. The main feature of its construction is the ways which are formed on its upper surface and run the full length of the bed. Ways provide the means for holding the tailstock and carriage, which slide along the ways, in alignment with the permanently attached headstock.

The **headstock** is located on the operator's left end of the lathe bed. It contains the main spindle and oil reservoir and the gearing mechanism for obtaining various spindle speeds and for transmitting power to the feeding and threading mechanism. The headstock

is driven by an electric motor connected either to a belt, pulley or geared system. The spindle has a hole through its entire length to accommodate long workpieces.

The **tailstock** is located on the opposite end of the lathe from the headstock. It supports one end of the workpiece when machining between centers, supports long pieces held in the chuck, and holds various forms of cutting tools such as drills, reamers and taps.

The **carriage** includes the apron, saddle, compound rest, cross slide, tool post and the cutting tool. It sits across the ways and in front of the bed. The function of the carriage is to carry and move the cutting tool. It can be moved by hand or power and can be clamped into position with a locking nut. The saddle carries the cross slide and the compound rest. The cross slide is mounted on the ways on top of the saddle and is moved back and forth at 90 degrees to the axis of the lathe by the cross slide lead screw.

# 26" LARGE SPINDLE BORE LATHES

## DURABILITY

- Large 4-1/8" spindle bore
- Clutch operated headstock with all headstock gears hardened and ground
- Bed ways are induction hardened and ground for durability
- Heavy-duty tailstock and quill
- One piece heavy-duty cast iron base and bed for GH-2680ZH
- Meehanite casting
- Siemens electrics

## SAFETY

- Large easy to use foot brake
- E-stop on carriage
- Full length splash guard and coolant return
- Chuck guard
- Articulating LED work lamp
- Chuck key holder will not allow lathe to run without the chuck key in place

## EASE OF USE

- Rapid power traverse on cross slide and carriage is a great addition to these lathes that allows the user to access the work piece quickly. The joy stick design enhances overall ergonomics.
- Universal gearbox allows inch, metric, diametral and module pitch threads, no change gears required
- Micro-carriage bed stop

## STANDARD EQUIPMENT

- Drive plate
- 12" 3-Jaw direct mount scroll chuck with top reversing jaws
- Face plate
- 2 Large capacity steady rests with roller bearings
- Follow rest
- 5-Piece quick change tool post set
- Coolant system
- Fitted top mats to hold tooling



321890



321860



OPTIONAL EQUIPMENT	STOCK NUMBER
Taper Attachment	321293

STOCK NUMBER	321860	321890
Model Number	GH-2680ZH	GH-26120ZH
Max. swing over bed (in.)	26	26
Max. swing over cross slide (in.)	16-1/2	16-1/2
Swing Through Gap (in.)	34	34
Length of Gap (in.)	8	8
Distance between Centers (in.)	80	120
Hole Through Spindle (in.)	4-1/8	4-1/8
Spindle Mount	D1-8	D1-8
Spindle Taper	MT-5	MT-5
Number of Spindle Speeds	12	12
Range of Spindle Speeds (rpm)	36-1,600	36-1,600
Number of Longitudinal Feeds (in.)	65	65
Range of Longitudinal Feeds (ipr)	.0023-.0937	.0023-.0937
Number of Cross Feeds	63	63
Range of Cross Feeds (ipr)	.0010-.0404	.0040-.0404
Number of inch Threads (tpi)	48	48
Range of inch Threads	2-30	2-30
Number of Metric Threads	22	22
Range of Metric Threads (mm)	1-14	1-14
Number of D.P Threads	24	24
Range of D.P Threads	4-56 DPI	4-56 DPI
Number of Module Threads	18	18
Range of Module Threads (mm)	0.5-7	0.5-7
Max. Tool Size (in.)	1-1/4 x 1-1/4	1-1/4 x 1-1/4
Max. Compound Slide Travel (in.)	5-1/2	5-1/2
Max. Cross Slide Travel (in.)	12-3/32	12-3/32
Max. Carriage Travel (in.)	72-1/2	108-1/4
Tailstock Spindle Travel (in.)	6	6
Taper in Tailstock Spindle	MT-5	MT-5
Follow Rest Capacity	25/32 - 3-15/16	25/32 - 3-15/16
Steady Rest Capacity - Small (in.)	25/32 - 4-29/32	25/32 - 4-29/32
Steady Rest Capacity - Large (in.)	3-15/16 - 9-7/16	3-15/16 - 9-7/16
Width of Bed (in.)	16	16
Coolant Pump System (HP)	1/8	1/8
Main Motor (HP)	10HP, 230/460V, 3Ph	10HP, 230/460V, 3Ph
Prewired	230V	230V
Net Weight (lbs.)	8514	9362
Overall Dimensions (L x W x H / in.)	138 x 43 x 57	178 x 43 x 57

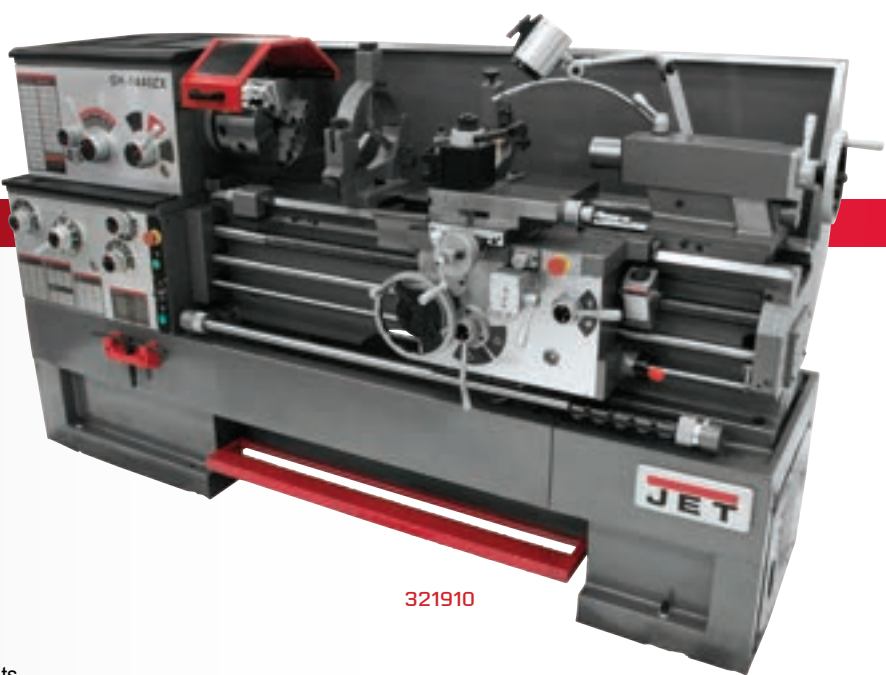
#### GH-2680ZH-SERIES PRECISION ENGINE LATHE PACKAGES

<b>321864</b>	GH-2680ZH with Taper Attachment
<b>321863</b>	GH-2680ZH with ACU-RITE 200S DRO
<b>321865</b>	GH-2680ZH with ACU-RITE 200S DRO and Taper Attachment
<b>321861</b>	GH-2680ZH with Newall DP700 DRO
<b>321862</b>	GH-2680ZH with Newall DP700 DRO and Taper Attachment

#### GH-26120ZH-SERIES PRECISION ENGINE LATHE PACKAGES

<b>321893</b>	GH-26120ZH with Taper Attachment
<b>321892</b>	GH-26120ZH with ACU-RITE 200S DRO
<b>321895</b>	GH-26120ZH with ACU-RITE 200S DRO with Taper Attachment
<b>321896</b>	GH-26120ZH with ACU-RITE 300S DRO
<b>321891</b>	GH-26120ZH with Newall DP700 DRO
<b>321894</b>	GH-26120ZH with Newall DP700 DRO and Taper Attachment

# 14"-22" ZX SERIES LARGE SPINDLE BORE LATHES



321910

## DURABILITY

- 3-1/8" bore spindle is supported by two tapered and one ball bearing
- High quality ANSI Class 50 wear-resistant cast iron bed ways are hardened and ground
- Chrome molybdenum headstock gears are hardened, ground, and shaved
- Carriage features one-shot lubrication and Turcite B on bed sliding surfaces
- Meehanite casting
- One-piece cast iron base absorbs vibration allowing heavier cuts
- Siemens electrics

## SAFETY

- Large easy-to-use foot brake
- E-Stop on carriage
- Full length splash guard and coolant return
- Chuck guard
- Articulating LED work lamp
- Chuck key holder will not allow lathe to run without the chuck key in place

## EASE OF USE

- Universal gearbox allows inch, metric, diametral, and module pitch threads, no change gears required
- Front removable chip tray
- T-slotted compound slide featuring a quick-change tool post
- Removable gap allows up to 25-7/8" diameter work on 16", 27-1/2" on 18"
- Five position automatic carriage stop increases productivity
- Threading dial
- Fitted top mats to hold tooling
- Centrally located controls with job button

## STANDARD EQUIPMENT

- 10" 3-jaw scroll chuck with top reversing jaws
- 12" face plate (16" models)
- 16" face plate (18" models)
- 5 Piece quick change tool post set
- Follow rest
- Large capacity steady rest with ball bearing tips
- Fully integrated coolant system
- Centrally located controls with jog button
- Mounting pads and levelers
- Spindle sleeve (MT-7 to MT-5)
- Live center
- Tolerance test certificate
- Tool box and adjusting tools



OPTIONAL EQUIPMENT	STOCK NUMBER
5C Lever-Type Collet Closer	321292
Taper Attachment	321291

STOCK NUMBER	321910	321930	321940	321960	321970	321980
Model Number	GH-1440ZX	GH-1640ZX	GH-1660ZX	GH-1860ZX	GH-1880ZX	GH-2280ZX
Swing over Bed (in.)	14	16	16	18	18	22
Swing over Cross Slide (in.)	7-5/8	10	10	11	11	13
Swing Through Gap (in.)	23-5/8	25	25	27	27	29
Length of Gap (in.)	12	12	12	12	12	12
Distance Between Centers (in.)	40	40	60	60	80	80
Spindle Bore (in.)	3-1/8	3-1/8	3-1/8	3-1/8	3-1/8	3-1/8
Spindle Mount	D1-8	D1-8	D1-8	D1-8	D1-8	D1-8
Spindle Taper (w/ sleeve)	MT-7 (MT-5)	MT-7 (MT-5)	MT-7 (MT-5)	MT-7 (MT-5)	MT-7 (MT-5)	MT-7(MT-5)
Number of Spindle Speeds	12	12	12	12	12	12
Range of Spindle Speeds (rpm)	42 - 1,800	25 - 1,800	25 - 1,800	25 - 1,800	25 - 1,800	25 - 1,800
Number of Longitudinal and Cross Feed Rates	122	122	122	122	122	122
Range of Longitudinal Feeds (ipr)	.0015 - .0913	.0015 - .0913	.0015 - .0913	.0015 - .0913	.0015 - .0913	.0015 - .0913
Range of Cross Feeds (ipr)	.0006 - .0365	.0006 - .0365	.0006 - .0365	.0006 - .0365	.0006 - .0365	.0006 - .0365
Number of inch Threads	61	61	61	61	61	61
Range of inch Threads (tpi)	1-5/8 - 72	1-5/8 - 72	1-5/8 - 72	1-5/8 - 72	1-5/8 - 72	1-5/8 - 72
Number of Metric Threads	24	24	24	24	24	24
Range of Metric Threads	.05 - 20	.05 - 20	.05 - 20	.05 - 20	.05 - 20	.05 - 20
Max Tool Size (in.)	1 x 1	1 x 1	1 x 1	1 x 1	1 x 1	1 x 1
Compound Slide Travel (in.)	5-1/8	5-1/8	5-1/8	5-1/8	5-1/8	5-1/8
Cross Slide Travel (in.)	9	9	9	9	9	12
Carriage Travel (in.)	36	36	55	55	74	74
Tailstock Spindle Travel (in.)	6	6	6	6	6	6
Taper in Tailstock Spindle	MT-4	MT-4	MT-4	MT-5	MT-5	MT-5
Steady Rest Capacity (in.)	3/8 to 7	3/8 to 7	3/8 to 7	3/8 to 7-3/4	3/8 to 7-3/4	3/8 to 7-3/4
Follow Rest Capacity (in.)	1/2 - 3-1/2	1/2 - 3-1/2	1/2 - 3-1/2	1/2 - 3-1/2	1/2 - 3-1/2	1/2 - 3-1/2
Width of Bed (in.)	13-1/8	13-1/8	13-1/8	13-1/8	13-1/8	13-1/8
Overall Dimensions (L x W x H / in.)	96 x 44 x 66	96 x 44 x 66	115 x 44 x 66	115 x 44 x 66	136 x 44 x 66	136 x 45 x 71
Motor (HP)	7-1/2HP, 230V/460V 3Ph, Prewired 230V	7-1/2HP, 230/460V, 3Ph, Prewired 230V	7-1/2HP, 230/460V, 3Ph, Prewired 230V	7-1/2HP, 230/460V, 3Ph, Prewired 230V	7-1/2HP, 230/460V, 3Ph, Prewired 230V	10HP, 230/460V, 3Ph, Prewired 230V
Net Weight (lbs.)	4667	4689	5218	5320	5949	6421



# 14"-22" ZX SERIES

## LARGE SPINDLE BORE LATHES PACKAGES

Jet will customize your machine to fit your application.

We factory install DRO's, collect closers, taper attachments or any combination to accommodate the needs of your shop.

### GH-1440ZX LARGE SPINDLE BORE PRECISION ENGINE LATHE PACKAGES

321467	GH-1440ZX, 3-1/8" Spindle Bore Geared Head Lathe with Taper Attachment
321467	GH-1440ZX with Taper Attachment
321531	GH-1440ZX with Collet Closer
321309	GH-1440ZX with ACU-RITE VUE DRO
321469	GH-1440ZX with ACU-RITE 200S DRO
321507	GH-1440ZX with ACU-RITE 200S DRO with Taper Attachment
321501	GH-1440ZX with ACU-RITE 200S DRO with Collet Closer
321569	GH-1440ZX with ACU-RITE 200S DRO with Taper Attachment and Collet Closer
321301	GH-1440ZX with ACU-RITE 300S DRO
321303	GH-1440ZX with ACU-RITE 300S DRO with Taper Attachment
321304	GH-1440ZX with ACU-RITE 300S DRO with Collet Closer
321302	GH-1440ZX with ACU-RITE 300S DRO with Taper Attachment and Collet Closer
321470	GH-1440ZX with Newall DP700 DRO
321570	GH-1440ZX with Newall DP700 DRO with Taper Attachment
321441	GH-1440ZX with Newall DP700 DRO with Collet Closer
321498	GH-1440ZX with Newall DP700 DRO with Taper Attachment and Collet Closer

### GH-1640ZX LARGE SPINDLE BORE PRECISION ENGINE LATHE PACKAGES

321474	GH-1640ZX with Taper Attachment
321439	GH-1640ZX with Collet Closer
321475	GH-1640ZX with ACU-RITE 200S DRO
321525	GH-1640ZX Lathe with 3-Axis Acu-Rite 200S DRO
321508	GH-1640ZX with ACU-RITE 200S DRO with Taper Attachment
321495	GH-1640ZX with ACU-RITE 200S DRO with Collet Closer
321445	GH-1640ZX with ACU-RITE 200S DRO with Taper Attachment and Collet Closer
321381	GH-1640ZX with ACU-RITE 300S DRO
321382	GH-1640ZX with ACU-RITE 300S DRO with Taper Attachment
321383	GH-1640ZX with ACU-RITE 300S DRO with Collet Closer
321138	GH-1640ZX with Newall DP700 DRO
321148	GH-1640ZX with Newall DP700 DRO with Taper Attachment
321494	GH-1640ZX with Newall DP700 DRO with Collet Closer
321147	GH-1640ZX with Newall DP700 DRO with Taper Attachment and Collet Closer

### GH-1660ZX LARGE SPINDLE BORE PRECISION ENGINE LATHE PACKAGES

321477	GH-1660ZX with Taper Attachment
321573	GH-1660ZX with Collet Closer
321544	GH-1660ZX with Taper Attachment and Collet Closer
322441	GH-1660ZX with ACU-RITE VUE DRO
322455	GH-1660ZX with ACU-RITE VUE DRO with Taper Attachment
322440	GH-1660ZX with ACU-RITE VUE DRO with Collet Closer
321574	GH-1660ZX with ACU-RITE VUE DRO with Taper Attachment and Collet Closer
321455	GH-1660ZX with ACU-RITE 200S DRO
321543	GH-1660ZX with ACU-RITE 200S DRO with Taper Attachment
321440	GH-1660ZX with ACU-RITE 200S DRO with Collet Closer
321576	GH-1660ZX with ACU-RITE 200S DRO with Taper Attachment and Collet Closer
321388	GH-1660ZX with ACU-RITE 300S DRO
321389	GH-1660ZX with ACU-RITE 300S DRO with Taper Attachment
321390	GH-1660ZX with ACU-RITE 300S DRO with Collet Closer
321391	GH-1660ZX with ACU-RITE 300S DRO with Taper Attachment and Collet Closer
321139	GH-1660ZX with Newall DP700 DRO
321527	GH-1660ZX with Newall DP700 DRO with Collet Closer
321529	GH-1660ZX with Newall DP700 DRO with Taper Attachment
321502	GH-1660ZX with Newall DP700 DRO with Taper Attachment and Collet Closer



# 14"-22" ZX SERIES

## LARGE SPINDLE BORE LATHES PACKAGES

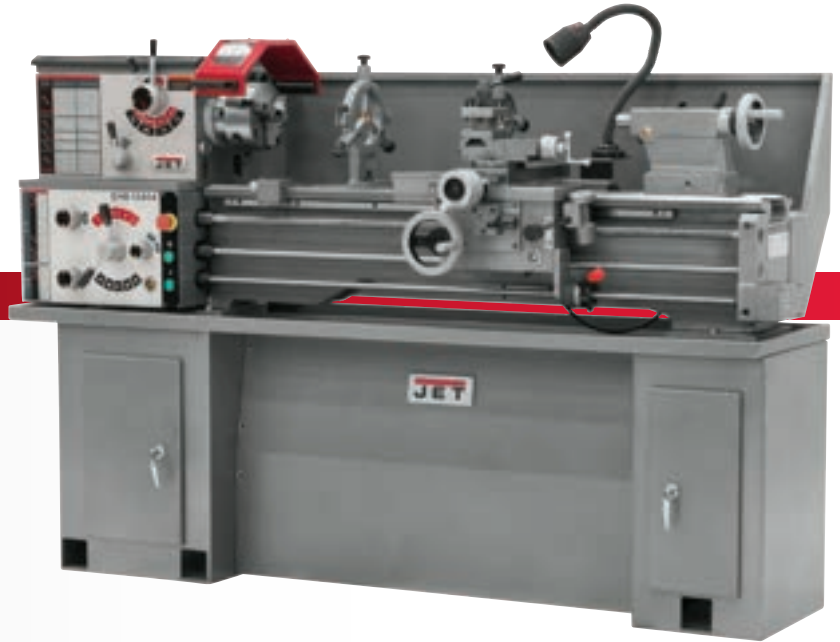
### GH-1880ZX LARGE SPINDLE BORE PRECISION ENGINE LATHE PACKAGES

<b>321486</b>	GH-1880ZX with Taper Attachment
<b>322486</b>	GH-1880ZX with Taper Attachment and Collet Closer
<b>321487</b>	GH-1880ZX with ACU-RITE 200S DRO
<b>321560</b>	GH-1880ZX with ACU-RITE 200S DRO with Taper Attachment
<b>321492</b>	GH-1880ZX with ACU-RITE 200S DRO with Collet Closer
<b>321493</b>	GH-1880ZX with ACU-RITE200S DRO with Taper Attachment and Collet Closer
<b>321595</b>	GH-1880ZX with ACU-RITE 300S DRO
<b>321597</b>	GH-1880ZX with ACU-RITE 300S DRO with Taper Attachment
<b>321598</b>	GH-1880ZX with ACU-RITE 300S DRO with Collet Closer
<b>321599</b>	GH-1880ZX with ACU-RITE 300S DRO with Taper Attachment and Collet Closer
<b>321488</b>	GH-1880ZX with Newall DP700 DRO
<b>321571</b>	GH-1880ZX with Newall DP700 DRO with Taper Attachment
<b>321583</b>	GH-1880ZX Lathe with Newall DP700 DRO with Collet Closer
<b>321578</b>	GH-1880ZX with Newall DP700 with Taper Attachment and Collet Closer

### GH-2280ZX LARGE SPINDLE BORE PRECISION ENGINE LATHE PACKAGES

<b>321565</b>	GH-2280ZX with Taper Attachment
<b>321496</b>	GH-2280ZX with Collet Closer
<b>321575</b>	GH-2280ZX with Taper Attachment and Collet Closer
<b>321879</b>	GH-2280ZX with ACU-RITE 200S DRO
<b>321566</b>	GH-2280ZX with ACU-RITE 200S DRO with Collet Closer
<b>321567</b>	GH-2280ZX with ACU-RITE 200S DRO with Taper Attachment
<b>321568</b>	GH-2280ZX with ACU-RITE 200S DRO with Taper Attachment and Collet Closer
<b>321610</b>	GH-2280ZX with ACU-RITE 300S DRO
<b>321612</b>	GH-2280ZX with ACU-RITE 300S DRO with Taper Attachment
<b>321613</b>	GH-2280ZX with ACU-RITE 300S DRO with Collet Closer
<b>321615</b>	GH-2280ZX with ACU-RITE 300S DRO with Taper Attachment and Collet Closer
<b>321880</b>	GH-2280ZX with Newall DP700 DRO
<b>321881</b>	GH-2280ZX with Newall DP700 DRO with Taper Attachment
<b>321579</b>	GH-2280ZX with Newall DP700 DRO with Taper Attachment and Collet Closer

# 13" x 40" GEARED HEAD BENCH LATHE



## DURABILITY

- Enclosed gearbox design provides smooth, quiet operation
- Hardened and ground gears are featured in the headstock and gearbox
- V-way bed is induction hardened and ground
- D1-4 spindle is precision ground for accuracy and supported by high quality tapered roller bearings
- Headstock is constantly oiled during operation

## SAFETY

- Splash guard
- Chuck guard
- E-Stop on headstock
- Full length splash guard

## EASE OF USE

- Gap bed section provided for large diameter work
- Adjustable gibbs are incorporated in the carriage and slideways
- Fast, easy speed changes
- Gear box gives wide inch threading and feed capabilities with no gear changes
- Independent leadscrew and feed rod
- Spindle actuation control is apron mounted
- Compound and cross slide have backlash adjustment
- Tailstock may be offset for turning tapers and includes an inch/metric graduated quill
- 3-Jaw chuck mounted

## STANDARD EQUIPMENT

- 6" 3-jaw direct mount scroll chuck with top reversing jaws
- 8" 4-jaw independent chuck
- 12" faceplate
- Four-way tool post
- Steady and follow rest
- Metric change gear
- Centers with headstock center sleeve
- Threading dial
- Tool box with tools
- Micro carriage bed stop
- Coolant tray
- Tolerance test certificate



STOCK NUMBER 321357A	
Model Number	GHB-1340A
Swing over Bed (in.)	13
Swing over Cross Slide (in.)	7-25/32
Swing Through Gap (in.)	18-3/4
Length of Gap (in.)	8
Distance Between Centers (in.)	40
Spindle Bore (in.)	1-3/8
Spindle Mount	D1-4
Spindle Taper (w / sleeve)	MT-5 (MT-3)
Number of Spindle Speeds	8
Range of Spindle Speeds (rpm)	70 - 2,000
Number of Longitudinal and Cross Feed Rates	40
Range of Longitudinal Feeds (ipr)	0.0018 - 0.0374
Range of Cross Feeds (ipr)	0.0006 - 0.0130
Number of inch Threads	38
Range of inch Threads (tpi)	3-1/2 - 80
Number of Metric Threads	23
Range of Metric Threads	0.45 - 10
Max Tool Size (in.)	5/8 x 5/8
Compound Slide Travel (in.)	2-11/16
Cross Slide Travel (in.)	6-5/16
Carriage Travel (in.)	35
Tailstock Spindle Travel (in.)	3-3/4
Taper in Tailstock Spindle	MT-3
Steady Rest Capacity (in.)	2-5/8
Follow Rest Capacity (in.)	2-3/4
Width of Bed (in.)	7-3/8
Overall Dimensions (L x W x H / in.)	79 x 28-1/2 x 30
Motor (HP)	2HP, 1Ph, 230V
Net Weight (lbs.)	1,154

OPTIONAL EQUIPMENT	STOCK NUMBER
Taper Attachment	321442
Collet Closer	321514A

13" GEARED HEAD BENCH LATHE PACKAGES	
321101AK	GHB-1340A with CBS-1340A Stand
321119	GHB-1340A with Taper Attachment
321124	GHB-1340A with Collet Closer
321129	GHB-1340A with Collet Closer and Taper Attachment
321103	GHB-1340A with ACU-RITE VUE DRO
321103AK	GHB-1340A with ACU-RITE VUE DRO and CBS-1340A Stand
321102	GHB-1340A with ACU-RITE VUE DRO with Collet Closer
321226	GHB-1340A with ACU-RITE VUE DRO with Taper Attachment and Collet Closer
321122	GHB-1340A with ACU-RITE 200S DRO
321123	GHB-1340A with ACU-RITE 200S DRO and Taper Attachment
321125	GHB-1340A with ACU-RITE 200S DRO and Collet Closer
321127	GHB-1340A with ACU-RITE 200S DRO with Taper Attachment and Collet Closer
323131	GHB-1340A Lathe with Newall DP500 DRO
323115	GHB-1340A Lathe with Newall DP500 DRO with Taper Attachment
323581	GHB-1340A Lathe with Newall DP500 DRO with Collet Closer
323104	GHB-1340A Lathe with Newall DP500 DRO with Taper Attachment and Collet Closer
321131	GHB-1340A with Newall DP700 DRO
321115	GHB-1340A with Newall DP700 DRO with Taper Attachment
321581	GHB-1340A with Newall DP700 DRO with Collet Closer
321104	GHB-1340A with Newall DP700 DRO with Taper Attachment and Collet Closer

# 13" x 40" BELT DRIVE BENCH LATHE



Shown with optional stand

## DURABILITY

- V-way bed is induction hardened and ground
- Gap bed section provided for large diameter work
- Spindle is supported by precision tapered roller bearings
- Helical cut headstock gears reduce noise

## SAFETY

- E-Stop on headstock
- Full length splash guard
- Low voltage motor controls

## EASE OF USE

- Enclosed gearbox design provides smooth, quiet operation
- Fast, easy speed changes
- Micro Carriage bed stop
- Threading dial
- Changes gears allow metric threading
- Independent leadscrew and feed rod
- T-slotted compound slide with four-way tool post
- Carriage mounted spindle control lever
- Automatic feeding and threading are fully interlocked
- Tailstock may be offset for turning tapers and includes an inch/metric graduated quill

## STANDARD EQUIPMENT

- 6" 3-jaw direct mount scroll chuck with top reversing jaws
- 8" 4-jaw independent chuck
- 12" faceplate
- Four-way tool post
- Steady and follow rest
- Metric change gear
- Centers with headstock center sleeve
- Tool box with tools



STOCK NUMBER		321360A
Model Number		BDB-1340A
Swing over Bed (in.)		13
Swing over Cross Slide (in.)		7-25/32
Swing Through Gap (in.)		18-3/4
Length of Gap (in.)		8
Distance Between Centers (in.)		40
Spindle Bore (in.)		1-3/8
Spindle Mount		D1-4
Spindle Taper (w / sleeve)		MT-5 (MT-3)
Number of Spindle Speeds		12
Range of Spindle Speeds (rpm)		60 - 1,240
Number of Longitudinal and Cross Feed Rates		40
Range of Longitudinal Feeds (ipr)		.0018 - .0374
Range of Cross Feeds (ipr)		.0012 - .0345
Number of inch Threads		40
Range of inch Threads (tpi)		4-112
Number of Metric Threads		27
Range of Metric Threads		0.2-6
Max Tool Size (in.)		5/8 x 5/8
Compound Slide Travel (in.)		2-11/16
Cross Slide Travel (in.)		6-5/16
Carriage Travel (in.)		35
Tailstock Spindle Travel (in.)		3-3/4
Taper in Tailstock Spindle		MT-3
Steady Rest Capacity (in.)		2-5/8
Follow Rest Capacity (in.)		2-3/4
Width of Bed (in.)		7-3/8
Overall Dimensions (L x W x H / in.)		71 x 32 x 45 with Stand
Motor (HP)		2HP, 1Ph, 230V
Net Weight (lbs.)		1170

13" BELT DRIVE BENCH LATHE PACKAGES	
<b>321102AK</b>	BDB-1340A with CBS-1340A Stand
<b>321120</b>	BDB-1340A with Taper Attachment
<b>321111</b>	BDB-1340A with Collet Closer
<b>321112</b>	BDB-1340A, with Taper Attachment and Collet Closer
<b>321110</b>	BDB-1340A with ACU-RITE VUE DRO
<b>321108</b>	BDB-1340A with ACU-RITE VUE DRO with Collet Closer
<b>321121</b>	BDB-1340A with ACU-RITE 200S DRO
<b>321130</b>	BDB-1340A with Newall DP700 DRO
<b>323130</b>	BDB-1340A Lathe with Newall DP500 DRO



## CHOOSE YOUR MILL

### QUICK REFERENCE GUIDE

	BASE MACHINE	MODEL NUMBER	TABLE SIZE (in.)	DRIVE TYPE	SPINDLE TAPER	QUILL DIAMETER (in.)	MOTOR (HP)	PAGE NUMBER
	<b>ELECTRONIC VARIABLE SPEED VERTICAL MILL</b>							
	690601	JTM-1050EVS2	10 x 50	EVS	R8	3-3/8	3 HP, 230V, 3Ph	74
	691501	JTM-949EVS	9 x 49	EVS	R-8	3-3/8	3HP, 230V, 3Ph	74
	<b>VS VARIABLE SPEED VERTICAL MILL</b>							
NEW	690020	JTM-1254RVS	12 x 54	Variable Speed	R-8	3-3/8	5HP, 230/460V, 3Ph	68
NEW	690025	JTM-1254VS	12 x 54	Variable Speed	NST-40	4-1/8	5HP, 230/460V, 3Ph	68
	690050	JTM-1050	10 x 50	Variable Speed	R-8	3-3/8	3HP, 230/460V, 3Ph,	72
	690182	JTM-4VS	9 x 49	Variable Speed	R-8	3-3/8	3 HP, 230/460V, 3Ph	78
	690180	JTM-4VS-1	9 x 49	Variable Speed	R-8	3-3/8	2 HP, 115/230V, 1Ph	78
	<b>STEP PULLEY VERTICAL MILL</b>							
	690082	JTM-1	9 x 42	Step Pulley	R-8	3-3/8	2 HP, 230V, 3Ph	82
	690089	JTM-2	9 x 42	Step Pulley	R-8	3-3/8	2 HP, 115/230V, 1Ph	82
	690038	JVM-836-3	8 x 36	Step Pulley	R-8	3-3/8	1-1/2 HP, 230V, 3Ph	84
	690036	JVM-836-1	8 x 36	Step Pulley	R-8	3-3/8	1-1/2 HP, 115/230V, 1Ph	84
	<b>VARIABLE SPEED MILL DRILL</b>							
NEW	351050	JMD-45VSP	9-1/2 x 32-1/4	Variable Speed	R-8	3	1.5HP, 115/230V, 60Hz, 1ph	90
NEW	351051	JMD-45VSPFT	9-1/2 x 32-1/4	Variable Speed	R-8	3	1.5HP, 115/230V, 60Hz, 1ph	90
	<b>GEARED HEAD MILL DRILL</b>							
NEW	351040	JMD-40GH	9-1/2 x 32-1/4	Geared Head	R-8	3	1.5 HP, 115/230V, 1ph,	88
NEW	351041	JMD-40GHPF	9-1/2 x 32-1/4	Geared Head	R-8	3	1.5 HP, 115/230V, 1ph,	88
NEW	351045	JMD-45GH	9-1/2 x 32-1/4	Geared Head	R-8	3	1.5 HP, 115/230V, 1ph,	90
NEW	351046	JMD-45GHPF	9-1/2 x 32-1/4	Geared Head	R-8	3	1.5 HP, 115/230V, 1ph,	90
	<b>STEP PULLEY MILL DRILL</b>							
	350020	JMD-18PFN	9 x 23	Step Pulley	R-8	3	2 HP, 230V, 1Ph	86
	350018	JMD-18	9 x 23	Step Pulley	R-8	3	2 HP, 115/230V, 1Ph	86
	350017	JMD-15	7 x 23	Step Pulley	R-8	2-1/2	1 HP, 115/230V, 1Ph	86

\*See product pages for package options





## MILLING HELPFUL INFO

Milling is the process of machining flat, curved, or irregular surfaces by feeding the workpiece against a rotating cutter containing a number of cutting edges. The mill consists basically of a motor driven spindle, which mounts and revolves the milling cutter, and a reciprocating adjustable worktable, which mounts and feeds the workpiece. The milling machine is excellent for forming flat surfaces, cutting dovetails and keyways, forming and fluting milling cutters and reamers, cutting gears, and so forth.

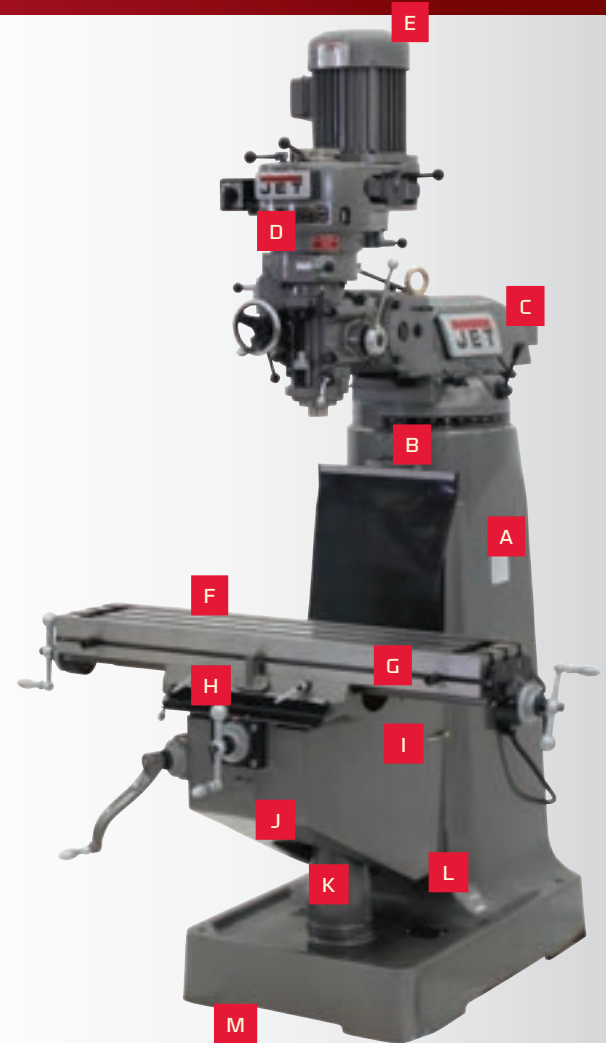
Most milling machines have self contained electric drive motors, coolant systems, step pulley or variable spindle speeds, and power operated table feeds.

Knee type mills are characterized by a vertical adjustable worktable resting on a saddle which is supported by a knee. The knee is a massive casting that rides vertically on the milling machine column and can be clamped rigidly to the column in a position where the milling head and milling machine spindle are properly adjusted vertically for operation.

The turret and swivel head assembly is designed for making precision cuts and can be swung 360 degrees on its base. Angular cuts to the horizontal plane may be made with precision by setting the head at any required angle within the 180 degree arc.

The knee is used for raising and lowering. The saddle rests upon the knee and supports the worktable. The saddle moves in and out on a dovetail to control the crossfeed of the worktable. The worktable traverses to the right or left upon the saddle for feeding the workpiece past the milling cutter. Many special operations can be performed with the attachments available for milling machine use.

JET Milling Machines are precision-built and designed to last. We have a full range of machines from Mill Drills, Step Pulley to Variable Speed models. All of JET's production mills are made with a Meehanite® casting and has it proudly stamped on the front of our machine! JET offers both R8 and NST-40 mills. JET will be happy to build your mill anyway you want it. JET installs Retrofit Acu-Rite MILLPWR controls is 2 or 3 axis, 2 or 3 Axis DRO's, Table or Knee Powerfeeds, Air Powered Draw Bars, Riser blocks for most models. If you do not see the package you need just give us a call.



### COMMON MILL TERMINOLOGY

<b>A</b> COLUMN	<b>F</b> HARDENED AND GROUND TABLE	<b>J</b> KNEE
<b>B</b> MEEHANITE® CASTING	<b>G</b> LOCKS ON ALL MOVEABLE SURFACES	<b>K</b> INTERNAL COOLANT TANK
<b>C</b> RAM	<b>H</b> SADDLE	<b>L</b> VERTICAL POSITIONING SCREW
<b>D</b> VERTICAL HEAD	<b>I</b> WAYS	<b>M</b> BASE
<b>E</b> HEAVY-DUTY MOTOR DRIVE		

# CNC VERTICAL MILLING MACHINE PACKAGES

## FEATURES OF THE ACU-RITE MILLPWR G2® 2- OR 3-AXIS CONTROL

- USB and Ethernet compatible
- Simplified navigation that eliminates multiple menu screens
- Bolthole calculations, calculate bolthole patterns instantly
- Expanded tool and datum offsets
- Jog control, move quickly from one location to another—using one axis at a time or any two axes simultaneously
- 3-D contouring, ability to import and run G-code files from CAD/CAM programs
- Mirror/Repeat/Rotate easily manipulate part programs to save time and reduce program steps.
- 12.1" flat panel, vivid, color, LCD display to view immediate graphic feedback
- Menu-prompted conversational programming, easily create part programs, edit, reverse, change, delete and copy/move steps—follow the menu prompts and let MILLPWR G2® do the rest
- Estimated runtime feature assists in increases mill productivity and efficiency
- Built-in calculator, perform standard, trig and geometry calculations and transfer them directly into part programs



690675



STOCK NUMBER	690182	690180	690501	690050	690601	690025	690020
Model Number	JTM-4VSCNC	JTM-4VS-1 CNC	JTM-949EVSCNC	JTM-1050CNC	JTM-1050EVS2CNC	JTM-1254VS	JTM-1254RVS
Table Size (in.)	9 x 49	9 x 49	9 x 49	10 x 50	10 x 50	12 x 54	12 x 54
2-Axis CNC	690938		690575	690930	690675	691940	691943
2Axis with Air Power Drawbar					690685		
3-Axis CNC	690948	690950	690576	690940	690676	691941	691944
3-Axis with Air Power Drawbar	690949					691942	691945
Spindle Taper	R-8	R-8	R-8	R-8	R-8	NT40	R-8
Quill Diameter (in.)	3-3/8	3-3/8	3-3/8	3-3/8	3-3/8	4-1/8	3-3/8
Number of Spindle Speeds	Variable	Variable	Variable	Variable	Variable	Variable	Variable
Range of Spindle Speeds (rpm)	60 - 4,200	60 - 4,200	60 - 4,500	70 - 3,800	10 - 3,600	80 - 3,800	80 - 3,800
Quill Down Feed Rates (ipr)	.0015 - .003 - .006	.0015 - .003 - .006	.0015 - .003 - .006	.0015 - .003 - .006	.0015 - .003 - .006	.0015-.003-.008	.0015-.003-.006
Spindle Travel (in.)	5	5	5	5	5	5	5
Head Movement (deg.)	90° R & L, 45° F & B	90° R & L, 45° F & B	90° R & L, 45° F & B	90° R & L, 45° F & B	90° R & L, 45° F & B	90° R & L	90° R & L / 45° F & B
Max Distance Spindle to Table (in.)	17-1/2	17-1/2	20-3/4	19	19	23	23
Distance Spindle to Column (max. / in.)	19	19	18-1/8	26	26	26-1/2	26-1/2
Distance Spindle to Column (min. / in.)	4-1/2	4-1/2	4-3/4	5-1/2	5-1/2	7-1/2	7-1/2
Collet Capacity	1/8 - 7/8	1/8 - 7/8	1/8 - 7/8	1/8 - 7/8	1/8 - 7/8	1/8-1	1/8 - 1
Table Longitudinal Travel (in.)	34	34	30-3/4	30	30	33-7/8	33-7/8
Table Cross Travel (in.)	12	12	12-5/8	15-1/4	15-1/4	15-1/3	15-1/3
T-Slot Centers (in.)	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2
Work Table Weight Capacity (lbs.)	660	660	720	720	720	925	925
Travel of Knee (in.)	14-1/2	14-1/2	15-3/4	14-1/4	14-1/4	19-1/4	19-1/4
Travel of Ram (in.)	13-3/8	13-3/8	15-1/4	20-1/2	20-1/2	20.4	20.4
Column Width (in.)						14-1/4	14-1/4
Motor (HP)	3HP, 230/460V, 3Ph, Prewired 230V	3HP, 230/460V, 3Ph, Prewired 230V	3HP, 230V , 3Ph	3HP, 230/460V, 3Ph, Prewired 230V	3HP, 230V Only, 3Ph	5HP, 230/460V, 3Ph	5HP, 230/460V, 3Ph
Prewired	230V	230V	230V	230V	230V	230V, 3Ph	230V, 3Ph
Overall Dimensions (L x W x H / in.)	66 x 63 x 85	66 x 63 x 85	67 x 64 x 86	96 x 69 x 87	96 x 71 x 88	92-1/8 x 79-7/8 x 104-1/4	92-1/8 x 79-7/8 x 104-1/4
Net Weight (lbs.)	2,420	2,420	2,420	3,200	3,000	3,260	3,260
Gross Weight (lbs.)	2,520	2,520	2,520	3,300	3,100	3,696	3,696

\*\*For Mill features and specs, see Mill pages.

Call Customer Service at 888-804-7129 for additional packages or visit [www.jettools.com](http://www.jettools.com) to Custom Build your own Package.

**NEW**

# JTM-1254RV AND JTM-1254RVS VARIABLE SPEED MILLING MACHINES



690025

## DURABILITY

- Meehanite® castings
- Precision honed and bored milling head
- High precision class 7 spindle bearings
- Quick spindle feed nut
- Three-stage power downfeed with automatic stop
- Heavy-duty spindle brake
- Precision hardened and ground ways and table
- Three precision ground t-slots
- Turcite B on X & Y Axis
- Adjustable gibs throughout

## SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Mills are CSA/CUS certified
- Spindle guard
- Spindle brake for rapid stopping of the spindle

## EASE OF USE

- Automatic lubrication every 180 minutes with a flow of 3-6cc reduces maintenance
- Quick nut for spindle feed
- JET exclusive new casting provides the end-user an easier solution to leveling the machine without raising it up off the floor
- Two 115V outlets on electrical box for powerfeeds only

## OPTIONAL EXTERNAL COOLANT SYSTEM

- Add the 660126 External Coolant System which fits at the bottom of the base. It can be installed to work off a switch on the control arm precise drilling.



STOCK NUMBER	690025	690020
Model Number	JTM-1254VS	JTM-1254RVS
Table Size (in.)	12 x 54	12 x 54
Spindle Taper	NT40	R-8
Quill Diameter (in.)	4-1/8	3-3/8
Number of Spindle speeds	Variable	Variable
Range of Spindle Speeds (rpm)	80 - 3,800	80 - 3,800
Quill Down feed Rates (ipr)	.0015-.003-.008	.0015-.003-.006
Spindle/Quill Travel (in.)	5	5
Head Movement (deg.)	90°R & L	90°R & L / 45° F & B
Max Distance Spindle to Table (in.)	23	23
Distance Spindle to Column (max. / in.)	26-1/2	26-1/2
Distance Spindle to Column (min. / in.)	7-1/2	7-1/2
Collet Capacity (in.)	1/8 - 1	1/8 - 1
Table Longitudinal Travel (range / in.) (thru saddle)	33-7/8	27-4/5
Table Cross Travel (in.)	15-1/3	15-1/3
T-Slots Number and Size (in.)	3 and 5/8	3 and 5/8
T-Slot Centers (in.)	2-1/2	2-1/2
Work Table Weight Capacity (lbs.)	925	925
Travel of Knee (in.)	19-1/4	19-1/4
Travel of Ram (in.) (over turret)	20.4	20.4
Saddle Width (in.)	25-5/8	25-5/8
WAYS:		
X- Axis	Dovetail	Dovetail
Y- Axis	Square	Square
Z- Axis	Square	Square
Column Width (in.)	14-1/4	14-1/4
Motor TEFC (HP)	5HP, 230/460V, 3Ph	5HP, 230/460V, 3Ph
Prewired	230V, 3Ph	230V, 3Ph
Net Weight (lbs.)	3260	3260
Gross Weight (lbs.)	3696	3696
OPTIONAL EQUIPMENT		
External Coolant Pump Assembly	660126	660126
Milling Chuck Kit	-	466001
Milling Vise - Wilton Verti-Lock	63186	63186

Call Customer Service at 888-804-7129 for additional packages or visit [www.jettools.com](http://www.jettools.com) to Custom Build your own Package.



# JTM-1254VS

## MILLING PACKAGES

STOCK NUMBER	DESCRIPTION
690025	JTM-1254VS 12x54 NT40 VS MILL 230/460V
691940	JTM-1254VS 2-Axis with ACU-RITE G-2 MILPWR CNC
691941	JTM-1254VS 3-Axis with ACU-RITE G-2 MILPWR CNC
691942	JTM-1254VS 3-Axis with MILPWR CNC & Air Power Drawbar
698025	JTM-1254VS with X Powerfeed
698026	JTM-1254VS with X Powerfeed & Air Power Drawbar
698027	JTM-1254VS with X & Y Powerfeeds
698028	JTM-1254VS with X & Y Powerfeeds & Air Power Drawbar
698029	JTM-1254VS with X,Y & Z Powerfeeds
698030	JTM-1254VS with X,Y & Z Powerfeeds & Air Power Drawbar
698031	JTM-1254VS with ACU-RITE VUE DRO, X Powerfeed
698032	JTM-1254VS with ACU-RITE VUE DRO, X Powerfeed & Air Power Drawbar
698033	JTM-1254VS with ACU-RITE VUE DRO X & Y Powerfeeds
698034	JTM-1254VS with ACU-RITE VUE DRO X & Y Powerfeeds & Air Power Drawbar
698035	JTM-1254VS with ACU-RITE VUE DRO X,Y & Z Powerfeeds
698036	JTM-1254VS with ACU-RITE VUE DRO X,Y & Z Powerfeeds & Air Power Drawbar
698037	JTM-1254VS with ACU-RITE VUE 3X (K) DRO & X Powerfeed
698038	JTM-1254VS with ACU-RITE VUE 3X (K) DRO & X Powerfeed & Air Power Drawbar
698039	JTM-1254VS with ACU-RITE VUE 3X (K) DRO, X & Y Powerfeeds
698040	JTM-1254VS with ACU-RITE VUE 3X (K) DRO, X & Y Powerfeeds & Air Power Drawbar
698041	JTM-1254VS with ACU-RITE VUE 3X (K) DRO, X, Y & Z Powerfeeds
698042	JTM-1254VS with ACU-RITE VUE 3X (K) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698043	JTM-1254VS with ACU-RITE VUE 3X (Q) DRO & X Powerfeed
698044	JTM-1254VS with ACU-RITE VUE 3X (Q) DRO & X Powerfeed & Air Power Drawbar
698045	JTM-1254VS with ACU-RITE VUE 3X (Q) DRO, X & Y Powerfeeds
698046	JTM-1254VS with ACU-RITE VUE 3X (Q) DRO, X & Y Powerfeeds & Air Power Drawbar
698047	JTM-1254VS with ACU-RITE VUE 3X (Q) DRO, X, Y & Z Powerfeeds
698048	JTM-1254VS with ACU-RITE VUE 3X (Q) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698049	JTM-1254VS with ACU-RITE 200S DRO, X Powerfeed
698050	JTM-1254VS with ACU-RITE 200S DRO, X Powerfeed & Air Power Drawbar
698051	JTM-1254VS with ACU-RITE 200S DRO X & Y Powerfeeds
698052	JTM-1254VS with ACU-RITE 200S DRO X & Y Powerfeeds & Air Power Drawbar
698053	JTM-1254VS with ACU-RITE 200S DRO X, Y & Z Powerfeeds
698054	JTM-1254VS with ACU-RITE 200S DRO X, Y & Z Powerfeeds & Air Power Drawbar
698055	JTM-1254VS with ACU-RITE 200S 3X (K) DRO & X Powerfeed
698056	JTM-1254VS with ACU-RITE 200S 3X (K) DRO, X Powerfeed & Air Power Drawbar
698057	JTM-1254VS with ACU-RITE 200S 3X (K) DRO, X & Y Powerfeeds
698058	JTM-1254VS with ACU-RITE 200S 3X (K) DRO, X & Y Powerfeeds & Air Power Drawbar
698059	JTM-1254VS with ACU-RITE 200S 3X (K) DRO, X, Y & Z Powerfeeds
698060	JTM-1254VS with ACU-RITE 200S 3X (K) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698061	JTM-1254VS with ACU-RITE 200S 3X (Q) DRO & X Powerfeed

STOCK NUMBER	DESCRIPTION
698062	JTM-1254VS with ACU-RITE 200S 3X (Q) DRO, X Powerfeed & Air Power Drawbar
698063	JTM-1254VS with ACU-RITE 200S 3X (Q) DRO, X & Y Powerfeeds
698064	JTM-1254VS with ACU-RITE 200S 3X (Q) DRO, X & Y Powerfeeds & Air Power Drawbar
698065	JTM-1254VS with ACU-RITE 200S 3X (Q) DRO, X, Y & Z Powerfeeds
698066	JTM-1254VS with ACU-RITE 200S 3X (Q) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698067	JTM-1254VS with Newall DP700 DRO & X Powerfeed
698068	JTM-1254VS with Newall DP700 DRO X Powerfeed & Air Power Drawbar
698069	JTM-1254VS with Newall DP700 DRO X & Y Powerfeeds
698070	JTM-1254VS with Newall DP700 DRO X & Y Powerfeeds & Air Power Drawbar
698071	JTM-1254VS with Newall DP700 DRO X, Y & Z Powerfeeds
698072	JTM-1254VS with Newall DP700 DRO X, Y & Z Powerfeeds & Air Power Drawbar
698144	JTM-1254VS with Newall DP700 3X (K) DRO, X Powerfeed
698073	JTM-1254VS with Newall DP700 3X (K) DRO, X Powerfeed & Air Power Drawbar
698074	JTM-1254VS with Newall DP700 3X (K) DRO, X & Y Powerfeeds
698075	JTM-1254VS with Newall DP700 3X (K) DRO, X & Y Powerfeeds & Air Power Drawbar
698076	JTM-1254VS with Newall DP700 3X (K) DRO, X, Y & Z Powerfeeds
698077	JTM-1254VS with Newall DP700 3X (K) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698078	JTM-1254VS with Newall DP700 3X (Q) DRO & X Powerfeed
698079	JTM-1254VS with Newall DP700 3X (Q) DRO, X Powerfeed & Air Power Drawbar
698080	JTM-1254VS with Newall DP700 3X (Q) DRO, X & Y Powerfeeds
698081	JTM-1254VS with Newall DP700 3X (Q) DRO, X & Y Powerfeeds & Air Power Drawbar
698082	JTM-1254VS with Newall DP700 3X (Q) DRO, X, Y & Z Powerfeeds
698083	JTM-1254VS with Newall DP700 3X (Q) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698146	JTM-1254VS with ACU-RITE 300S DRO, X Powerfeed
698147	JTM-1254VS with ACU-RITE 300S DRO, X Powerfeed & Air Power Drawbar
698148	JTM-1254VS with ACU-RITE 300S DRO X & Y Powerfeeds
698149	JTM-1254VS with ACU-RITE 300S DRO X & Y Powerfeeds & Air Power Drawbar
698150	JTM-1254VS with ACU-RITE 300S DRO X, Y & Z Powerfeeds
698151	JTM-1254VS with ACU-RITE 300S DRO X, Y & Z Powerfeeds & Air Power Drawbar
698152	JTM-1254VS with ACU-RITE 300S 3X (K) DRO & X Powerfeed
698153	JTM-1254VS with ACU-RITE 300S 3X (K) DRO, X Powerfeed & Air Power Drawbar
698154	JTM-1254VS with ACU-RITE 300S 3X (K) DRO, X & Y Powerfeeds
698155	JTM-1254VS with ACU-RITE 300S 3X (K) DRO, X & Y Powerfeeds & Air Power Drawbar
698156	JTM-1254VS with ACU-RITE 300S 3X (K) DRO, X, Y & Z Powerfeeds
698157	JTM-1254VS with ACU-RITE 300S 3X (K) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698158	JTM-1254VS with ACU-RITE 300S 3X (Q) DRO & X Powerfeed
698159	JTM-1254VS with ACU-RITE 300S 3X (Q) DRO, X Powerfeed & Air Power Drawbar
698160	JTM-1254VS with ACU-RITE 300S 3X (Q) DRO, X & Y Powerfeeds
698161	JTM-1254VS with ACU-RITE 300S 3X (Q) DRO, X & Y Powerfeeds & Air Power Drawbar
698162	JTM-1254VS with ACU-RITE 300S 3X (Q) DRO, X, Y & Z Powerfeeds
698163	JTM-1254VS with ACU-RITE 300S 3X (Q) DRO, X, Y & Z Powerfeeds & Air Power Drawbar

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# JTM-1254RVS

## MILLING PACKAGES

STOCK NUMBER	DESCRIPTION
691943	JTM-1254RVS 2-Axis with ACU-RITE G-2 MILPWR CNC
691944	JTM-1254RVS 3-Axis with ACU-RITE G-2 MILPWR CNC
691945	JTM-1254RVS 3-Axis with MILPWR CNC & Air Power Drawbar
690020	JTM-1254RVS 12x54 R8 VS MILL 230/460V,
698084	JTM-1254RVS with X Powerfeed
698085	JTM-1254RVS with X Powerfeed & Air Power Drawbar
698086	JTM-1254RVS with X & Y Powerfeeds
698087	JTM-1254RVS with X & Y Powerfeeds & Air Power Drawbar
698088	JTM-1254RVS with X,Y & Z Powerfeeds
698089	JTM-1254RVS with X,Y & Z Powerfeeds & Air Power Drawbar
698090	JTM-1254RVS with ACU-RITE VUE DRO, X Powerfeed
698091	JTM-1254RVS with ACU-RITE VUE DRO, X Powerfeed & Air Power Drawbar
698092	JTM-1254RVS with ACU-RITE VUE DRO X & Y Powerfeeds
698093	JTM-1254RVS with ACU-RITE VUE DRO X & Y Powerfeeds & Air Power Drawbar
698094	JTM-1254RVS with ACU-RITE VUE DRO X,Y & Z Powerfeeds
698095	JTM-1254RVS with ACU-RITE VUE DRO X,Y & Z Powerfeeds & Air Power Drawbar
698096	JTM-1254RVS with ACU-RITE VUE 3X (K) DRO & X Powerfeed
698097	JTM-1254RVS with ACU-RITE VUE 3X (K) DRO & X Powerfeed & Air Power Drawbar
698098	JTM-1254RVS with ACU-RITE VUE 3X (K) DRO, X & Y Powerfeeds
698099	JTM-1254RVS with ACU-RITE VUE 3X (K) DRO, X & Y Powerfeeds & Air Power Drawbar
698100	JTM-1254RVS with ACU-RITE VUE 3X (K) DRO, X, Y & Z Powerfeeds
698101	JTM-1254RVS with ACU-RITE VUE 3X (K) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698102	JTM-1254RVS with ACU-RITE VUE 3X (Q) DRO & X Powerfeed
698103	JTM-1254RVS with ACU-RITE VUE 3X (Q) DRO & X Powerfeed & Air Power Drawbar
698104	JTM-1254RVS with ACU-RITE VUE 3X (Q) DRO, X & Y Powerfeeds
698105	JTM-1254RVS with ACU-RITE VUE 3X (Q) DRO, X & Y Powerfeeds & Air Power Drawbar
698106	JTM-1254RVS with ACU-RITE VUE 3X (Q) DRO, X, Y & Z Powerfeeds
698107	JTM-1254RVS with ACU-RITE VUE 3X (Q) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698108	JTM-1254RVS with ACU-RITE 200S DRO, X Powerfeed
698109	JTM-1254RVS with ACU-RITE 200S DRO, X Powerfeed & Air Power Drawbar
698110	JTM-1254RVS with ACU-RITE 200S DRO X & Y Powerfeeds
698111	JTM-1254RVS with ACU-RITE 200S DRO X & Y Powerfeeds & Air Power Drawbar
698112	JTM-1254RVS with ACU-RITE 200S DRO X, Y & Z Powerfeeds
698113	JTM-1254RVS with ACU-RITE 200S DRO X, Y & Z Powerfeeds & Air Power Drawbar
698114	JTM-1254RVS with ACU-RITE 200S 3X (K) DRO & X Powerfeed
698115	JTM-1254RVS with ACU-RITE 200S 3X (K) DRO, X Powerfeed & Air Power Drawbar
698116	JTM-1254RVS with ACU-RITE 200S 3X (K) DRO, X & Y Powerfeeds
698117	JTM-1254RVS with ACU-RITE 200S 3X (K) DRO, X & Y Powerfeeds & Air Power Drawbar
698118	JTM-1254RVS with ACU-RITE 200S 3X (K) DRO, X, Y & Z Powerfeeds
698119	JTM-1254RVS with ACU-RITE 200S 3X (K) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698120	JTM-1254RVS with ACU-RITE 200S 3X (Q) DRO & X Powerfeed
698121	JTM-1254RVS with ACU-RITE 200S 3X (Q) DRO, X Powerfeed & Air Power Drawbar
698122	JTM-1254RVS with ACU-RITE 200S 3X (Q) DRO, X & Y Powerfeeds

STOCK NUMBER	DESCRIPTION
698123	JTM-1254RVS with ACU-RITE 200S 3X (Q) DRO, X & Y Powerfeeds & Air Power Drawbar
698124	JTM-1254RVS with ACU-RITE 200S 3X (Q) DRO, X, Y & Z Powerfeeds
698125	JTM-1254RVS with ACU-RITE 200S 3X (Q) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698126	JTM-1254RVS with Newall DP700 DRO & X Powerfeed
698127	JTM-1254RVS with Newall DP700 DRO X Powerfeed & Air Power Drawbar
698128	JTM-1254RVS with Newall DP700 DRO X & Y Powerfeeds
698129	JTM-1254RVS with Newall DP700 DRO X & Y Powerfeeds & Air Power Drawbar
698130	JTM-1254RVS with Newall DP700 DRO X, Y & Z Powerfeeds
698131	JTM-1254RVS with Newall DP700 DRO X, Y & Z Powerfeeds & Air Power Drawbar
698132	JTM-1254RVS with Newall DP7003X (K) DRO & X Powerfeed
698133	JTM-1254RVS with Newall DP700 3X (K) DRO, X Powerfeed & Air Power Drawbar
698134	JTM-1254RVS with Newall DP700 3X (K) DRO, X & Y Powerfeeds
698135	JTM-1254RVS with Newall DP700 3X (K) DRO, X & Y Powerfeeds & Air Power Drawbar
698136	JTM-1254RVS with Newall DP700 3X (K) DRO, X, Y & Z Powerfeeds
698137	JTM-1254RVS with Newall DP700 3X (K) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698138	JTM-1254RVS with Newall DP700 3X (Q) DRO & X Powerfeed
698139	JTM-1254RVS with Newall DP700 3X (Q) DRO, X Powerfeed & Air Power Drawbar
698140	JTM-1254RVS with Newall DP700 3X (Q) DRO, X & Y Powerfeeds
698141	JTM-1254RVS with Newall DP700 3X (Q) DRO, X & Y Powerfeeds & Air Power Drawbar
698142	JTM-1254RVS with Newall DP700 3X (Q) DRO, X, Y & Z Powerfeeds
698143	JTM-1254RVS with Newall DP700 3X (Q) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698164	JTM-1254RVS with ACU-RITE 300S DRO, X Powerfeed
698165	JTM-1254RVS with ACU-RITE 300S DRO, X Powerfeed & Air Power Drawbar
698166	JTM-1254RVS with ACU-RITE 300S DRO X & Y Powerfeeds
698167	JTM-1254RVS with ACU-RITE 300S DRO X & Y Powerfeeds & Air Power Drawbar
698168	JTM-1254RVS with ACU-RITE 300S DRO X, Y & Z Powerfeeds
698169	JTM-1254RVS with ACU-RITE 300S DRO X, Y & Z Powerfeeds & Air Power Drawbar
698170	JTM-1254RVS with ACU-RITE 300S 3X (K) DRO & X Powerfeed
698171	JTM-1254RVS with ACU-RITE 300S 3X (K) DRO, X Powerfeed & Air Power Drawbar
698172	JTM-1254RVS with ACU-RITE 300S 3X (K) DRO, X & Y Powerfeeds
698173	JTM-1254RVS with ACU-RITE 300S 3X (K) DRO, X & Y Powerfeeds & Air Power Drawbar
698174	JTM-1254RVS with ACU-RITE 300S 3X (K) DRO, X, Y & Z Powerfeeds
698175	JTM-1254RVS with ACU-RITE 300S 3X (Q) DRO & X Powerfeed
698176	JTM-1254RVS with ACU-RITE 300S 3X (Q) DRO, X Powerfeed & Air Power Drawbar
698177	JTM-1254RVS with ACU-RITE 300S 3X (Q) DRO, X & Y Powerfeeds
698178	JTM-1254RVS with ACU-RITE 300S 3X (Q) DRO, X & Y Powerfeeds & Air Power Drawbar
698179	JTM-1254RVS with ACU-RITE 300S 3X (Q) DRO, X, Y & Z Powerfeeds
698180	JTM-1254RVS with ACU-RITE 300S 3X (Q) DRO, X, Y & Z Powerfeeds & Air Power Drawbar
698145	JTM-1254RVS with ACU-RITE 300S 3 Axis (K) DRO X, Y & Z Powerfeeds & Air Power Drawbar

# JTM-1050

## VARIABLE SPEED VERTICAL MILLING MACHINE



### DURABILITY

- Meehanite® casting
- Hardened and ground table
- Chrome lead screws on X and Y axis
- Turcite B on X and Y axis
- Precision bored and honed milling head
- High precision Class 7 spindle bearings
- Satin chrome finished dials
- Large diameter quill is chromed
- Heavy-duty motor drive
- Chrome plated motor shaft with bearing support at end

### SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Mills are CSA/CUS certified
- No fuse breaker power connection
- Heavy-duty spindle brake

### EASE OF USE

- One-shot lubrication system
- Spindle head is internally cooled
- One-piece quill pinion and shaft

### STANDARD EQUIPMENT

- One-shot lubrication system
- Way covers
- Draw bar
- Tool box with tools



STOCK NUMBER 690050	
Model Number	JTM-1050
Table Size (in.)	10 x 50
Spindle Taper	R-8
Quill Diameter (in.)	3-3/8
Number of Spindle Speeds	Variable
Range of Spindle Speeds (rpm)	70 - 3,800
Quill Down Feed Rates (ipr)	.0015 - .003 - .006
Spindle Travel (in.)	5
Head Movement (deg.)	90° R & L, 45° F & B
Max Distance Spindle to Table (in.)	19
Distance Spindle to Column (max. / in.)	26
Distance Spindle to Column (min. / in.)	5-1/2
Collet Capacity	1/8 - 7/8
Table Longitudinal Travel (in.)	30
Table Cross Travel (in.)	15-1/4
T-Slots Number and Size (in.)	3 and 5/8
T-Slot Centers (in.)	2-1/2
Work Table Weight Capacity (lbs.)	720
Travel of Knee (in.)	14-1/4
Travel of Ram (in.)	20-1/2
Motor (HP)	3HP, 230/460V, 3Ph, Prewired 230V
Overall Dimensions (L x W x H / in.)	96 x 78 x 88
Net Weight (lbs.)	2751

JTM-1050 MILL ACCESSORY PACKAGES	
690120	JTM-1050 Mill with X-Axis Powerfeed
690150	JTM-1050 Mill with X & Y-Axis Powerfeeds
690403	JTM-1050 Mill with ACU-RITE VUE DRO with X-Axis Powerfeed
690409	JTM-1050 Mill with ACU-RITE VUE DRO with X & Y-Axis Powerfeed
690117	JTM-1050 Mill with ACU-RITE 200S DRO with X-Axis Powerfeed
690216	JTM-1050 Mill with ACU-RITE 200S DRO with X-Axis Powerfeed & 8" Riser Block
690235	JTM-1050 Mill with ACU-RITE 200S DRO with X-Axis Powerfeed, Power Drawbar & 8" Riser Block
690214	JTM-1050 Mill with ACU-RITE 200S DRO with X & Y-Axis Powerfeeds
690258	JTM-1050 Mill with ACU-RITE 200S DRO with X, Y & Z-Axis Powerfeeds & Power Drawbar
690158	JTM-1050 Mill with 3-Axis ACU-RITE 200S DRO (Quill) & X-Axis Powerfeed
690159	JTM-1050 Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X & Y-Axis Powerfeeds
690151	JTM-1050 Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X & Y-Axis Powerfeeds & Power Drawbar
690160	JTM-1050 Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X, Y & Z-Axis Powerfeeds
690164	JTM-1050 Mill with 3-Axis ACU-RITE 200S DRO (Knee) with X-Axis Powerfeed
690256	JTM-1050 Mill with 3-Axis ACU-RITE 200S DRO (Knee) with X & Y-Axis Powerfeeds
691403	JTM-1050 Mill with ACU-RITE VUE DRO with X-Axis Powerfeed & Air Power Drawbar
690450	JTM-1050 Mill with ACU-RITE VUE DRO with X, Y & Z-Axis Powerfeeds
690306	JTM-1050 Mill with ACU-RITE 300S DRO & X-Axis Powerfeed
690307	JTM-1050 Mill with ACU-RITE 300S DRO with X & Y-Axis Powerfeeds
691204	JTM-1050 Mill with Newall DP700 DRO
691172	JTM-1050 Mill with Newall DP700 DRO with Power Drawbar
691205	JTM-1050 Mill with Newall DP700 DRO with X-Axis Powerfeed
691206	JTM-1050 Mill with Newall DP700 DRO with X & Y-Axis Powerfeeds
692206	JTM-1050 MILL WITH NEWALL DP700 DRO, X & Z Powerfeeds
691207	JTM-1050 Mill with 3-Axis Newall DP700 DRO (Quill)
691208	JTM-1050 Mill with 3-Axis Newall DP700 DRO (Quill) with X-Axis Powerfeed
691209	JTM-1050 Mill with 3-Axis Newall DP700 DRO (Quill) with X & Y-Axis Powerfeeds
690234	JTM-1050 Mill with 3-Axis Newall DP700 DRO (Quill) with X, Y & Z-Axis Powerfeeds & Power Drawbar
691234	JTM-1050 Mill with 3-Axis Newall DP700 DRO (Knee)
691236	JTM-1050 Mill with Newall DP700 3-Axis (Knee) DRO & X-Axis Powerfeed

Call Customer Service at 888-804-7129 for additional packages or visit [www.jettools.com](http://www.jettools.com) to Custom Build your own Package.

# JTM-1050EVS2 AND JTM-949 EVS VERTICAL MILLING MACHINES



690607

## DURABILITY

- Meehanite® casting
- Hardened and ground table
- Chrome lead screws on X and Y axis
- Turcite B on X and Y axis
- Precision bored and honed milling head
- High precision Class 7 spindle bearings
- Satin chrome finished dials
- Large diameter quill is chromed
- Heavy-duty motor drive
- Chrome plated motor shaft with bearing support at end

## SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Mills are CSA/CUS certified
- No fuse breaker power connection
- Heavy-duty spindle brake

## EASE OF USE

- One-shot lubrication system
- Spindle head is internally cooled
- One-piece quill pinion and shaft

## STANDARD EQUIPMENT

- One-shot lubrication system
- Way covers
- Draw bar
- Tool box with tools

OPTIONAL EQUIPMENT	STOCK NUMBER
External Coolant Pump Assembly	660125



STOCK NUMBER	690601	690501
Model Number	JTM-1050EVS2	JTM-949EVS
Table Size (in.)	10 x 50	9 x 49
Spindle Taper	R-8	R-8
Quill Diameter (in.)	3-3/8	3-3/8
Number of Spindle speeds	Variable	Variable
Range of Spindle Speeds (rpm)	60 - 4,500	60 - 4,500
Quill Down feed Rates (ipr)	.0015-.003-.006	.0015-.003-.006
Quill Travel (in.)	5	5
Head Movement (deg.)	90°R & L 45° F & B	90°R & L 45° F & B
Max Distance Spindle to Table ( in.)	20-3/4	20-3/4
Distance Spindle to Column (max. / in.)	26-3/4	18-1/8
Distance Spindle to Column (min. / in.)	5.9	5.2
Collet Capacity (in.)	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (range / in.)	29-7/8 - 35-1/3	30-3/4 - 36
Table Cross Travel (in.)	14-3/4	12-5/8
T-Slots Number and Size (in.)	3 and 5/8	3 and 5/8
T-Slot Centers (in.)	2-1/2	2-1/2
Work Table Weight Capacity (lbs.)	840	660
Travel of Knee (in.)	16-1/8	15-3/4
Travel of Ram (in.)	17-3/8	8-1/8
Saddle Width (in.)	20	20
Column Width (in.)	11-1/2	11-1/2
Inverter Type	Delta, B	Delta, B
Motor (HP)	3HP, 230V, 3Ph	3HP, 230V, 3Ph
Net Weight (lbs.)	2486	2860

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# JTM-1050EVS2

## MILLING PACKAGES

STOCK NUMBER	DESCRIPTION
690601	JTM-1050EVS2/230 Mill with X-Axis Powerfeed
690602	JTM-1050EVS2/230 Mill with X-Axis Powerfeed & Air Power Drawbar
690603	JTM-1050EVS2/230 Mill with X & Y-Axis Powerfeeds
690604	JTM-1050EVS2/230 Mill with X, Y & Z-Axis Powerfeeds
690605	JTM-1050EVS2/230 Mill with Acu-Rite VUE DRO
690606	JTM-1050EVS2/230 Mill with Acu-Rite VUE DRO with X-Axis Powerfeed
690607	JTM-1050EVS2/230 Mill with Acu-Rite VUE DRO with X-Axis Powerfeed & Air Power Drawbar
690608	JTM-1050EVS2/230 Mill with Acu-Rite VUE DRO with X & Y-Axis Powerfeeds
690609	JTM-1050EVS2/230 Mill with Acu-Rite VUE DRO with X, Y & Z-Axis Powerfeeds
690610	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Knee) with X-Axis Powerfeed
690611	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Knee) with X-Axis Powerfeed & Air Power Draw
690612	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Knee) with X & Y-Axis Powerfeeds
690613	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Knee) with X, Y & Z-Axis Powerfeeds
690614	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X-Axis Powerfeed
690615	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X-Axis Powerfeed & Air Power Drawbar
690616	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X & Y-Axis Powerfeeds
690617	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X & Y-Axis Powerfeeds & Air Power Drawbar
690618	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X, Y & Z-Axis Powerfeeds
690651	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X, Y & Z-Axis Powerfeeds & Air Power Drawbar
690619	JTM-1050EVS2/230 Mill with Acu-Rite 200S DRO with X-Axis Powerfeed
690620	JTM-1050EVS2/230 Mill with Acu-Rite 200S DRO with X-Axis Powerfeed & Air Power Drawbar
690621	JTM-1050EVS2/230 Mill with Acu-Rite 200S DRO with X & Y-Axis Powerfeeds
690622	JTM-1050EVS2/230 Mill with Acu-Rite 200S DRO with X & Y-Axis Powerfeeds & Air Power Drawbar
690623	JTM-1050EVS2/230 Mill with Acu-Rite 200S DRO with X, Y & Z-Axis Powerfeeds
690650	JTM-1050EVS2/230 Mill with Acu-Rite 200S DRO with X, Y & Z-Axis Powerfeeds & Air Power Drawbar
690624	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X-Axis Powerfeed
690625	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X-Axis Powerfeed & Air Power Drawbar
690626	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X & Y-Axis Powerfeeds

STOCK NUMBER	DESCRIPTION
690627	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X & Y-Axis Powerfeeds & Air Power Drawbar
690628	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X, Y & Z-Axis Powerfeeds
690629	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X-Axis Powerfeed
690630	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X-Axis Powerfeed & Air Power Drawbar
690631	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X & Y-Axis Powerfeeds
690632	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X & Y-Axis Powerfeeds & Air Power Drawbar
690633	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X, Y & Z-Axis Powerfeeds
690680	JTM-1050EVS2/230 Mill with 3-Axis Acu-Rite 300S DRO (Knee) with X, Y & Z-Axis Powerfeeds & Air Power Drawbar
690634	JTM-1050EVS2/230 Mill with Newall DP700 DRO with X-Axis Powerfeed
690635	JTM-1050EVS2/230 Mill with Newall DP700 DRO with X-Axis Powerfeed & Air Power Drawbar
690636	JTM-1050EVS2/230 Mill with Newall DP700 DRO with X & Y-Axis Powerfeeds
690637	JTM-1050EVS2/230 Mill with Newall DP700 DRO with X & Y-Axis Powerfeeds & Air Power Drawbar
690638	JTM-1050EVS2/230 Mill with Newall DP700 DRO with X, Y & Z-Axis Powerfeeds
690639	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Knee) with X-Axis Powerfeed
690640	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Knee) with X-Axis Powerfeed & Air Power Draw
690641	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Knee) with X & Y-Axis Powerfeeds
690642	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Knee) with X & Y-Axis Powerfeeds & Air Power
690643	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Knee) with X, Y & Z-Axis Powerfeeds
690644	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Quill) with X-Axis Powerfeed
690645	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Quill) with X-Axis Powerfeed & Air Power Drawbar
690646	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Quill) with X & Y-Axis Powerfeeds
690647	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Quill) with X & Y-Axis Powerfeeds & Air Power Drawbar
690648	JTM-1050EVS2/230 Mill with 3-Axis Newall DP700 DRO (Quill) with X, Y & Z-Axis Powerfeeds

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# JTM-949 EVS

## MILLING PACKAGES

STOCK NUMBER	DESCRIPTION
690501	JTM-949EVS/230 Mill with X-Axis Powerfeed
690502	JTM-949EVS Mill with X-Axis Powerfeed & Air Power Drawbar
690503	JTM-949EVS Mill with X & Y-Axis Powerfeeds
690504	JTM-949EVS Mill with X, Y & Z-Axis Powerfeeds
690506	JTM-949EVS Mill with Acu-Rite VUE DRO with X-Axis Powerfeed
690507	JTM-949EVS Mill with Acu-Rite VUE DRO with X-Axis Powerfeed & Air Power Drawbar
690508	JTM-949EVS Mill with Acu-Rite VUE DRO with X & Y-Axis Powerfeeds
690509	JTM-949EVS Mill with Acu-Rite VUE DRO with X, Y & Z-Axis Powerfeeds
690510	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Knee) with X-Axis Powerfeed
690511	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Knee) with X-Axis Powerfeed & Air Power Drawbar
690512	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Knee) with X & Y-Axis Powerfeeds
690513	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Knee) with X & Y-Axis Powerfeeds & Air Power Drawbar
690514	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Knee) with X, Y & Z-Axis Powerfeeds
690515	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X-Axis Powerfeed
690516	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X-Axis Powerfeed & Air Power Drawbar
690517	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X & Y-Axis Powerfeeds
690518	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X & Y-Axis Powerfeeds & Air Power Drawbar
690519	JTM-949EVS Mill with 3-Axis Acu-Rite VUE DRO (Quill) with X, Y & Z-Axis Powerfeeds
690520	JTM-949EVS Mill with Acu-Rite 200S DRO with X-Axis Powerfeed
690521	JTM-949EVS Mill with Acu-Rite 200S DRO with X-Axis Powerfeed & Air Power Drawbar
690522	JTM-949EVS Mill with Acu-Rite 200S DRO with X & Y-Axis Powerfeeds
690523	JTM-949EVS Mill with Acu-Rite 200S DRO with X & Y-Axis Powerfeeds & Air Power Drawbar
690524	JTM-949EVS Mill with Acu-Rite 200S DRO with X, Y & Z-Axis Powerfeeds
690525	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X-Axis Powerfeed
690526	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X-Axis Powerfeed & Air Power Drawbar

STOCK NUMBER	DESCRIPTION
690527	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X & Y-Axis Powerfeeds
690528	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X & Y-Axis Powerfeeds & Air Power Drawbar
690529	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Knee) with X, Y & Z-Axis Powerfeeds
690530	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X-Axis Powerfeed
690531	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X-Axis Powerfeed & Air Power Drawbar
690532	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X & Y-Axis Powerfeeds
690533	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X & Y-Axis Powerfeeds & Air Power Drawbar
690534	JTM-949EVS Mill with 3-Axis Acu-Rite 200S DRO (Quill) with X, Y & Z-Axis Powerfeeds
690535	JTM-949EVS with Newall DP700 DRO & X Powerfeed
690536	JTM-949EVS with Newall DP700 DRO, X Powerfeed & Air Power Drawbar
690537	JTM-949EVS with Newall DP700 DRO, X & Y Powerfeeds
690538	JTM-949EVS with Newall DP700 DRO, X & Y Powerfeeds & Air Power Drawbar
690539	JTM-949EVS with Newall DP700 DRO X, Y & Z Powerfeeds
690540	JTM-949EVS Mill with 3-Axis Newall DP700 DRO (Knee) with X-Axis Powerfeed
690541	JTM-949EVS Mill with 3-Axis Newall DP700 DRO (Knee) with X-Axis Powerfeed & Air Power Drawbar
690542	JTM-949EVS DP700 3X (K) DRO X&Y Powerfeed
690543	JTM-949EVS Mill with 3-Axis Newall DP700 DRO (Knee) with X & Y-Axis Powerfeeds & Air Power Drawbar
690544	JTM-949EVS Mill with 3-Axis Newall DP700 DRO (Knee) with X, Y & Z-Axis Powerfeeds
690545	JTM-949EVS Mill with 3-Axis Newall DP700 DRO (Quill) with X-Axis Powerfeed
690546	JTM-949EVS Mill with 3-Axis Newall DP700 DRO (Quill) with X-Axis Powerfeed & Air Power Drawbar
690547	JTM-949EVS Mill with 3-Axis Newall DP700 DRO (Quill) with X & Y-Axis Powerfeeds
690548	JTM-949EVS Mill with 3-Axis Newall DP700 DRO (Quill) with X & Y-Axis Powerfeeds & Air Power Drawbar
690549	JTM-949EVS Mill with 3-Axis Newall DP700 DRO (Quill) with X, Y & Z-Axis Powerfeeds

Call Customer Service at 888-804-7129 for additional packages or visit [www.jettools.com](http://www.jettools.com) to Custom Build your own Package.

# JTM-4VS VARIABLE SPEED VERTICAL MILLING MACHINE



## DURABILITY

- Certified Meehanite® castings
- Precision bored and honed milling head
- Large diameter quill is chromed
- High precision Class 7 spindle bearings
- Chrome plated motor shaft with lower bearing support
- One piece quill pinion and shaft
- Spindle head is internally cooled
- Heavy-duty splined motor drive
- Precision hardened and ground ways and table

## SAFETY

- Heavy-duty spindle brake
- Locks on all movable surfaces

## EASE OF USE

- Three stage power downfeed with automatic stop
- Internal coolant tank built into casting base for use with coolant system (coolant pump not included)
- One shot lubrication system



STOCK NUMBER	690180	690182
Model Number	JTM-4VS-1	JTM-4VS
Table Size (in.)	9 x 49	9 x 49
Spindle Taper	R-8	R-8
Quill Diameter (in.)	3-3/8	3-3/8
Number of Spindle Speeds	Variable	Variable
Range of Spindle Speeds (rpm)	60 - 4,200	60 - 4,200
Quill Down Feed Rates (per./rev./in.)	.0015 - .003 - .006	.0015 - .003 - .006
Spindle Travel (in.)	5	5
Head Movement (deg.)	90° R & L, 45° F & B	90° R & L, 45° F & B
Max Distance Spindle to Table (in.)	17-1/2	17-1/2
Distance Spindle to Column (max. / in.)	19	19
Distance Spindle to Column (min. / in.)	4-1/2	4-1/2
Collet Capacity	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (in.)	34	34
Table Cross Travel (in.)	12	12
T-Slots Number and Size (in.)	3 and 5/8	3 and 5/8
T-Slot Centers (in.)	2-1/2	2-1/2
Work Table Weight Capacity (lbs.)	660	660
Travel of Knee (in.)	14-1/2	14-1/2
Travel of Ram (in.)	13-3/8	13-3/8
Motor (HP)	2HP, 115/230V, 1Ph, Rewired 230V	3HP, 230/460V, 3Ph, Rewired 230V
Overall Dimensions (L x W x H / in.)	66 x 63 x 85	66 x 63 x 85
Net Weight (lbs.)	2,420	2,420

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# JTM-4VS

## MILLING PACKAGES

STOCK NUMBER	DESCRIPTION
690183	JTM-4VS Mill with X-Axis Powerfeed
690008	JTM-4VS Mill with X & Y-Axis Powerfeeds
690009	JTM-4VS Mill with X & Y-Axis Powerfeeds with Power Drawbar
690013	JTM-4VS Mill with X, Y & Z-Axis Powerfeeds
690119	JTM-4VS Mill with Air Power Drawbar
691088	JTM-4VS Mill with ACU-RITE VUE DRO
690401	JTM-4VS Mill with ACU-RITE VUE DRO with X-Axis Powerfeed
690265	JTM-4VS Mill with ACU-RITE VUE DRO with X-Axis Powerfeed & 6" Riser Block
690415	JTM-4VS Mill with ACU-RITE VUE DRO with X-Axis Powerfeed & Power Drawbar
690420	JTM-4VS Mill with ACU-RITE VUE DRO with X & Y-Axis Powerfeeds
690417	JTM-4VS Mill with ACU-RITE VUE DRO with X, Y & Z-Axis Powerfeeds
690015	JTM-4VS Mill with ACU-RITE VUE DRO with X & Z-Axis Powerfeeds
690416	JTM-4VS Mill with 3-Axis ACU-RITE VUE DRO (Quill) with X & Y-Axis Powerfeeds
690408	JTM-4VS Mill with 3-Axis ACU-RITE VUE DRO (Knee) with X-Axis Powerfeed
690412	JTM-4VS Mill with 3-Axis ACU-RITE VUE DRO (Knee) with X & Y-Axis Powerfeeds
690418	JTM-4VS Mill with 3-Axis ACU-RITE VUE DRO (Knee) with X, Y & Z-Axis Powerfeeds
690202	JTM-4VS Mill with ACU-RITE 200S DRO
690107	JTM-4VS Mill with ACU-RITE 200S DRO with X-Axis Powerfeed
690125	JTM-4VS Mill with ACU-RITE 200S DRO with X-Axis Powerfeed & Power Drawbar
690098	JTM-4VS Mill with ACU-RITE 200S DRO with X & Y-Axis Powerfeeds
690230	JTM-4VS Mill with ACU-RITE 200S DRO with X & Y-Axis Powerfeeds & Power Drawbar
690099	JTM-4VS Mill with ACU-RITE 200S DRO with X, Y & Z-Axis Powerfeeds
690231	JTM-4VS Mill with Acu-Rite 200S DRO with X, Y & Z-Axis Powerfeeds with Air Power Drawbar
690184	JTM-4VS Mill with 3-Axis ACU-RITE 200S DRO (Quill)
690221	JTM-4VS Mill with 3-Axis ACU-RITE 200S DRO (Quill) & X-Axis Powerfeeds

STOCK NUMBER	DESCRIPTION
690251	JTM-4VS Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X-Axis Powerfeed & Power Drawbar
690140	JTM-4VS Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X & Y-Axis Powerfeeds
690139	JTM-4VS Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X & Y-Axis Powerfeeds & Power Drawbar
690141	JTM-4VS Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X, Y & Z-Axis Powerfeeds
690153	JTM-4VS Mill with 3-Axis ACU-RITE 200S DRO (Quill), with X, Y & Z-Axis Powerfeeds with Power Drawbar
690400	JTM-4VS Mill with 3-Axis ACU-RITE 200S (Knee) & Power Drawbar
690430	JTM-4VS Mill with 3-Axis ACU-RITE 300S DRO (Knee) with X, Y & Z-Axis Powerfeeds & Power Drawbar
690301	JTM-4VS Mill with 300S DRO & X-Axis Powerfeed
690302	JTM-4VS Mill with 300S DRO with X & Y-Axis Powerfeeds
691200	JTM-4VS Mill with Newall DP700 DRO
690087	JTM-4VS Mill with Newall DP700 DRO & X-Axis Powerfeed
690069	JTM-4VS Mill with Newall DP700 DRO with X-Axis Powerfeed & Power Drawbar
691201	JTM-4VS Mill with Newall DP700 DRO with X & Y-Axis Powerfeeds
690115	JTM-4VS Mill with Newall DP700 DRO with X & Y-Axis Powerfeeds & Air Power Drawbar
691202	JTM-4VS Mill with 3-Axis Newall DP700 DRO (Quill)
690090	JTM-4VS Mill with 3-Axis Newall DP700 DRO (Quill) with X-Axis Powerfeed
691203	JTM-4VS Mill with 3-Axis Newall DP700 DRO (Quill) with X & Y-Axis Powerfeeds
691170	JTM-4VS Mill with 3-Axis Newall DP700 DRO (Quill) with X, Y & Z-Axis Powerfeeds & Power Drawbar
691232	JTM-4VS Mill with 3-Axis Newall DP700 DRO (Knee) with X-Axis Powerfeed
690093	JTM-4VS Mill with 3-Axis Newall DP700 DRO (Knee) with X, Y & Z-Axis Powerfeeds
690094	JTM-4VS Mill with 3-Axis Newall DP700 DRO (Knee) with X, Y & Z-Axis Powerfeeds & Power Drawbar

Call Customer Service at 888-804-7129 for additional packages or visit [www.jettools.com](http://www.jettools.com) to Custom Build your own Package.

# JTM-4VS-1

## MILLING PACKAGES

STOCK NUMBER	DESCRIPTION
690178	JTM-4VS-1 Mill with X-Axis Powerfeed
690197	JTM-4VS-1 Mill with X & Y-Axis Powerfeeds
692402	JTM-4VS-1 with ACU-RITE VUE DRO
690402	JTM-4VS-1 Mill with ACU-RITE VUE DRO with X-Axis Powerfeed
690407	JTM-4VS-1 Mill with ACU-RITE VUE DRO & X & Y-Axis Powerfeeds
690422	JTM-4VS-1 Mill with ACU-RITE VUE DRO with X & Y-Axis Powerfeeds & Power Drawbar
690410	JTM-4VS-1 Mill with 3-Axis ACU-RITE VUE DRO (Quill) with X-Axis Powerfeed
690413	JTM-4VS-1 Mill with 3-Axis ACU-RITE VUE DRO (Quill) with X & Y-Axis Powerfeeds
690421	JTM-4VS-1 Mill with 3-Axis ACU-RITE VUE DRO (Quill) with X, Y & Z-Axis Powerfeeds
690411	JTM-4VS-1 Mill with 3-Axis ACU-RITE VUE DRO (Knee) with X-Axis Powerfeeds
690424	JTM-4VS-1 Mill with 3-Axis ACU-RITE VUE DRO (Knee) with X, Y & Z-Axis Powerfeeds
690179	JTM-4VS-1 Mill with ACU-RITE 200S DRO with X-Axis Powerfeed
690068	JTM-4VS-1 Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X & Y-Axis Powerfeeds
690303	JTM-4VS-1 Mill with ACU-RITE 300S DRO with X-Axis Powerfeed
691411	JTM-4VS-1 Mill with 3-Axis ACU-RITE 200S DRO (Knee) with X-Axis Powerfeed
690118	JTM-4VS-1 Mill with 3-Axis ACU-RITE 300S DRO (Quill) with X & Y-Axis Powerfeeds
692087	JTM-4VS-1 with Newall DP700 DRO
691087	JTM-4VS-1 Mill with Newall DP700 DRO with X-Axis Powerfeed
692306	JTM-4VS-1 Mill with Newall DP700 DRO with X & Y-Axis Powerfeeds & 6" Riser Block
691171	JTM-4VS-1 Mill with 3-Axis Newall DP700 DRO (Quill) with X, Y & Z-Axis Powerfeeds & Power Drawbar

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690430

# JTM-1/2 STEP PULLEY MILLING MACHINES

## DURABILITY

- Certified Meehanite® castings
- Precision bored and honed milling head
- Large diameter quill is chromed
- High precision Class 7 spindle bearings
- Chrome plated motor shaft with lower bearing support
- One piece quill pinion and shaft
- Spindle head is internally cooled
- Heavy-duty splined motor drive
- Precision hardened and ground ways and table

## SAFETY

- Heavy-duty spindle brake
- Locks on all movable surfaces

## EASE OF USE

- Three stage power downfeed with automatic stop
- Adjustable gibs throughout
- Internal coolant tank built into casting base for use with coolant system (coolant pump not included)
- One shot lubrication system



690082

STOCK NUMBER	690082	690089
Model Number	JTM-1	JTM-2
Table Size (in.)	9 x 42	9 x 42
Spindle Taper	R-8	R-8
Quill Diameter (in.)	3-3/8	3-3/8
Number of Spindle Speeds	16	8
Range of Spindle Speeds (rpm)	80 - 5,440	80 - 2,720
Quill Down Feed Rates (ipr)	.0015 - .003 - .006	.0015 - .003 - .006
Spindle Travel (in.)	5	5
Head Movement (deg.)	90° R & L, 45° F & B	90° R & L, 45° F & B
Max Distance Spindle to Table (in.)	17-1/2	17-1/2
Distance Spindle to Column (max. / in.)	19	19
Distance Spindle to Column (min. / in.)	4-1/2	4-1/2
Collet Capacity	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (in.)	23-7/8	23-7/8
Table Cross Travel (in.)	12-1/2	12-1/2
T-Slots Number and Size (in.)	3 and 5/8	3 and 5/8
T-Slot Centers (in.)	2-1/2	2-1/2
Work Table Weight Capacity (lbs.)	550	550
Travel of Knee (in.)	14-1/2	14-1/2
Travel of Ram (in.)	13-3/8	13-3/8
Motor (HP)	2HP, 230V, 3Ph	2HP, 115/230V, 1Ph, Prewired 230V
Overall Dimensions (L x W x H / in.)	57 x 64 x 82	57 x 64 x 82
Net Weight (lbs.)	2056	2056





JTM-1 MILLS AND ACCESSORY PACKAGES	
690019	JTM-1 Mill with X-Axis Powerfeed
690097	JTM-1 Mill with X and Y-Axis Powerfeeds
690280	JTM-1 Mill with ACU-RITE VUE DRO
690281	JTM-1 Mill with ACU-RITE VUE DRO with X-Axis Powerfeed
690282	JTM-1 Mill with ACU-RITE VUE DRO with X and Y-Axis Powerfeeds
690244	JTM-1 Mill with ACU-RITE 200S DRO
690168	JTM-1 Mill with ACU-RITE 200S DRO and X-Axis Powerfeed
690161	JTM-1 Mill with ACU-RITE 200S DRO with X and Y-Axis Powerfeeds
692182	JTM-1 Mill with 3-Axis Newall DP500 DRO (Knee)
692187	JTM-1 Mill with Newall DP500 DRO
692188	JTM-1 Mill with Newall DP500 DRO with X-Axis Powerfeeds
692189	JTM-1 Mill with Newall DP500 DRO with X & Y-Axis Powerfeeds
692190	JTM-1 Mill with 3-Axis Newall DP500 DRO (Quill)
692191	JTM-1 Mill with 3-Axis Newall DP500 DRO (Quill) with X-Axis Powerfeeds
692192	JTM-1 Mill with 3-Axis Newall DP500 DRO (Quill) with X & Y-Axis Powerfeeds
692196	JTM-1 Mill with 3-Axis Newall DP500 DRO (Knee)
691187	JTM-1 Mill with Newall DP700 DRO
691188	JTM-1 Mill with Newall DP700 DRO with X-Axis Powerfeed
691189	JTM-1 Mill with Newall DP700 DRO with X and Y-Axis Powerfeeds
691190	JTM-1 Mill with 3-Axis Newall DP700 DRO (Quill)
691191	JTM-1 Mill with 3-Axis Newall DP700 DRO (Quill) with X-Axis Powerfeed
691192	JTM-1 Mill with 3-Axis Newall DP700 DRO (Quill) with X and Y-Axis Powerfeeds
691196	JTM-1 Mill with 3-Axis Newall DP700 DRO (Knee)

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JTM-2 MILLS AND ACCESSORY PACKAGES	
690089	JTM-2 Step Pulley Milling Machine 115/230V 1Ph
690006	JTM-2 Mill with X-Axis Powerfeed
690017	JTM-2 Mill with X and Y-Axis Powerfeeds
690283	JTM-2 Mill with ACU-RITE VUE DRO
690286	JTM-2 Mill with ACU-RITE VUE DRO with X-Axis Powerfeed
690285	JTM-2 Mill with ACU-RITE VUE DRO with X and Y-Axis Powerfeeds
690114	JTM-2 Mill with ACU-RITE 200S DRO and X-Axis Powerfeed
690210	JTM-2 Mill with ACU-RITE 200S DRO and X and Y-Axis Powerfeeds
690072	JTM-2 Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X-Axis Powerfeed
690157	JTM-2 Mill with 3-Axis ACU-RITE 200S DRO (Quill) with X and Y-Axis Powerfeeds
690095	JTM-2 W 3X 200S (KNEE), X-PWRFD
692193	JTM-2 Mill with Newall DP500 DRO
692194	JTM-2 Mill with Newall DP500 DRO with X-Axis Powerfeeds
692195	JTM-2 Mill with Newall DP500 DRO with X & Y-Axis Powerfeeds
692197	JTM-2 Mill with 3-Axis Newall DP500 DRO (Quill)
692198	JTM-2 Mill with 3-Axis Newall DP500 DRO (Quill) with X-Axis Powerfeeds
692199	JTM-2 Mill with 3-Axis Newall DP500 DRO (Quill) with X & Y-Axis Powerfeeds
691193	JTM-2 Mill with Newall DP700 DRO
691194	JTM-2 Mill with Newall DP700 DRO with X-Axis Powerfeed
691195	JTM-2 Mill with Newall DP700 DRO with X and Y-Axis Powerfeeds
691197	JTM-2 Mill with 3-Axis Newall DP700 DRO (Quill)
691198	JTM-2 Mill with 3-Axis Newall DP700 DRO(Quill) with X-Axis Powerfeed
691199	JTM-2 Mill with 3-Axis Newall DP700 DRO (Quill) with X and Y-Axis Powerfeeds
691182	JTM-2 Mill with 3-Axis Newall DP700 DRO (Knee)

# JVM-836-1/3 STEP PULLEY MILLING MACHINES

## DURABILITY

- Precision bored and honed milling head
- High precision spindle bearings
- Large diameter quill is chromed
- Hardened and ground precision table

## SAFETY

- Locks on all movable surfaces

## EASE OF USE

- Over 10" of front to back ram travel
- Head tilts left or right
- One-shot lubrication system



690036



STOCK NUMBER	690036	690038
Model Number	JVM-836-1	JVM-836-3
Table Size (in.)	7-7/8 x 35-3/4	7-7/8 x 35-3/4
Spindle Taper	R-8	R-8
Quill Diameter (in.)	3-3/8	3-3/8
Number of Spindle Speeds	5	10
Range of Spindle Speeds (rpm)	240 - 1,550	120 - 1,550
Spindle Travel (in.)	5	5
Head Movement (deg.)	90° R & L	90° R & L
Max Distance Spindle to Table (in.)	13-3/4	13-3/4
Distance Spindle to Column (max. / in.)	15-3/4	15-3/4
Distance Spindle to Column (min. / in.)	5-1/4	5-1/4
Collet Capacity	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (in.)	22-1/4	22-1/4
Table Cross Travel (in.)	9-1/2	9-1/2
T-Slots Number and Size (in.)	3 and 5/8	3 and 5/8
T-Slot Centers (in.)	2-1/2	2-1/2
Work Table Weight Capacity (lbs.)	500	500
Travel of Knee (in.)	14	14
Travel of Ram (in.)	10-1/2	10-1/2
Motor (HP)	1-1/2HP, 115/230V, 1Ph, Prewired 115V	1-1/2HP, 230V Only, 3Ph
Overall Dimensions (L x W x H / in.)	55 x 52 x 78	55 x 52 x 78
Net Weight (lbs.)	1,617	1,610

JVM-836-1 MILL ACCESSORY PACKAGES	
690156	JVM-836-1 Mill with X-Axis Powerfeed
690211	JVM-836-1 TPFA-2X & TPFA-2Y
690239	JVM-836-1 Mill with ACU-RITE VUE DRO
690198	JVM-836-1 Mill with ACU-RITE VUE DRO and X-Axis Powerfeed
690212	JVM-836-1 Mill with ACU-RITE VUE DRO with X and Y-Axis Powerfeeds
690213	JVM-836-1 Mill with 3-Axis ACU-RITE VUE DRO (Quill) with X-Axis Powerfeeds
691177	JVM-836-1 Mill with 3-Axis Newall DP700 DRO (Quill) and X-Axis Powerfeed
690144	JVM-836-1 Mill with ACU-RITE 200S DRO with X-Axis Powerfeed
690162	JVM-836-1W/AC 2-AX TPFA-2X&TPFA-2Y
691173	JVM-836-1 Mill with Newall DP700 DRO
691174	JVM-836-1 Mill with Newall DP700 DRO with X-Axis Powerfeed
691175	JVM-836-1 Mill with Newall DP700 DRO with X and Y-Axis Powerfeed
691176	JVM-836-1 Mill with 3-Axis Newall DP700 DRO (Quill)
690177	JVM-836-1 Mill with ACU-RITE 200S DRO
691178	JVM-836-1 MILL W/DP700 3AX Q-DRO&X&Y-PWF
691228	JVM-836-1 Mill with 3-Axis Newall DP700 DRO (Knee)
690038	JVM-836-3 Step Pulley Milling Machine 230V 3Ph
690174	JVM-836-3 Mill with X-Axis Powerfeed
690175	JVM-836-3 Mill with X and Y-Axis Powerfeeds
690191	JVM-836-3 Mill with ACU-RITE VUE DRO
690194	JVM-836-3 Mill with ACU-RITE VUE DRO with X-Axis Powerfeed
690190	JVM-836-3 Mill with ACU-RITE 200S DRO
690146	JVM-836-3 W/AC 200S 2-AX TPFA-X
690047	JVM-836-3 Mill with 3-Axis ACU-RITE 200S DRO (Knee) with X and Y-Axis Powerfeeds
691179	JVM-836-3 Mill with Newall DP700-DRO
691180	JVM-836-3 Mill with DP700-DRO with X-Axis Powerfeed
691183	JVM-836-3 Mill with Newall DP700 DRO with X and Y-Axis Powerfeeds
691184	JVM-836-3 Mill with 3-Axis Newall DP700 DRO (Quill)
691185	JVM-836-3 Mill with 3-Axis Newall DP700 DRO (Quill) with X-Axis Powerfeed
691186	JVM-836-3 Mill with 3-Axis Newall DP700 DRO (Quill) with X and Y-Axis Powerfeeds

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# JMD MILL DRILL MACHINES

## DURABILITY

- One-piece cast iron column for added support

## SAFETY

- UL Listed motor
- New positive quick-stop knob and easy-to-read internal depth gauge (external on JMD-15)
- Worklamp
- Drill chuck guard

## EASE OF USE

- Forward and reverse switch on JMD-18
- Belt cover – quick slide latch allows faster belt adjustment to change spindle speeds

## STANDARD EQUIPMENT

- Adjustable carbide facemill
- Drill press angle vise
- 1/2" drill chuck, chuck arbor
- Draw bar



350018



350045

OPTIONAL EQUIPMENT	STOCK NUMBER
Stand with Enclosed Shelf	350045
Powerfeed (JMD-18, 18PF Only)	350083
Clamping Kit for JMD-18 & JMD-18PFN	660038



STOCK NUMBER	350017	350018	350020
Model Number	JMD-15	JMD-18	JMD-18PFN
Drilling Capacity (in.)	1	1-1/4	1-1/4
Face Mill Capacity (in.)	2-1/2	3	3
End Mill Capacity (in.)	1/2	3/4	3/4
Swing (in.)	14-1/2	15-7/8	15-7/8
Max Distance Spindle to Table (in.)	15	18	26
Spindle Taper	R-8	R-8	R-8
Spindle Travel Manual (in.)	3-1/2	5	5
Spindle Travel Auto (in.)	-	-	4-1/4
Quill Diameter (in.)	2-7/16	3	3
Column Diameter (in.)	3-5/8	4-1/2	4-1/2
Range of Power Downfeeds		-	0.0047", 0.007", 0.01"
Number of Spindle Speeds	12	12	12
Range of Spindle Speeds (rpm)	110 - 2,580	150 - 3,000	150 - 3,000
Max. Table Travel (in.)	14	20-1/2	20-1/2
Cross Travel (in.)	5-1/2	6-1/2	6-1/2
Working Surface of Table (in.)	7-1/2 x 23	9-1/2 x 32-1/4	9-1/2 x 32-1/4
T-Slots, Number and Size (in.)	4 and 9/16	4 and 5/8	4 and 5/8
T-Slot Centers (in.)	1-13/16	1-13/16	1-13/16
Base Dimensions (in.)	12-1/2 x 19-3/4	15-3/4 x 23-3/4	15-3/4 x 23-3/4
Motor (UL Listed)	1HP, 1Ph, 115/230V	2HP, 115/230V	2HP, 1Ph, 230V Only
Prewired	115V	115V	-
Overall Dimensions (L x W x H / in.)	38 x 37-1/2 x 42	47 x 40 x 51	47 x 40 x 51
Net Weight (lbs.)	440	660	700

#### JMD-15 PACKAGES

<b>350116</b>	JMD-15 Mill/Drill with ACU-RITE VUE DRO
<b>350132</b>	JMD-15 Mill/Drill with NEWALL DP500 DRO
<b>350125</b>	JMD-15 Mill/Drill with NEWALL DP700 DRO

#### JMD-18 PACKAGES

<b>350119</b>	JMD-18 Mill/Drill with X-Axis Table Powerfeed
<b>350401</b>	JMD-18 Mill/Drill with ACU-RITE VUE DRO
<b>350133</b>	JMD-18 Mill/Drill with NEWALL DP500 DRO
<b>350134</b>	JMD-18 Mill/Drill with Newall DP500 DRO and X-Axis Table Powerfeed
<b>350126</b>	JMD-18 Mill/Drill with NEWALL DP700 DRO
<b>350127</b>	JMD-18 Mill/Drill with Newall DP700 DRO and X-Axis Table Powerfeed

#### JMD-18PFN MILLING AND DRILLING MACHINES, BENCH TOP

<b>350020</b>	JMD-18PFN Mill/Drill with Power Downfeed 115/230V 1Ph
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#### JMD-18PFN PACKAGES

<b>350402</b>	JMD-18PFN Mill/Drill with ACU-RITE VUE DRO
<b>350120</b>	JMD-18PFN Mill/Drill with ACU-RITE VUE DRO and X-Axis Table Powerfeed
<b>350135</b>	JMD-18PFN Mill/Drill with NEWALL DP500 DRO
<b>350136</b>	JMD-18PFN Mill/Drill with NEWALL DP500 DRO and X-Axis Table Powerfeed
<b>350128</b>	JMD-18PFN Mill/Drill with NEWALL DP700 DRO
<b>350129</b>	JMD-18PFN Mill/Drill with NEWALL DP700 DRO and X-Axis Table Powerfeed

Call Customer Service at 888-804-7129 for additional packages or visit [www.jettools.com](http://www.jettools.com) to Custom Build your own Package.

NEW

# GEARED HEAD MILL DRILL

## DURABILITY

- Heavy-duty design allows for a variety of precision drilling applications
- Full power to the cutting tools through 6 speed geared head

## SAFETY

- CSA/US: Following strict guidelines and electrical requirements, this JET Mill Drill is CSA/US certified
- Spindle guard
- Work lamp

## EASE OF USE

- Calibrated fine down feed built in
- Easy-to-read internal depth gauge
- Head tilts left & right 90°
- Rapid spindle speed changes through quick-select gear shift levers
- Forward/reverse switch
- Milling table allows for movement
- R8 Spindle allows use of standard mill tooling
- Power Downfeed standard on 351041



351040

SHOWN WITH  
OPTIONAL STAND

OPTIONAL EQUIPMENT	STOCK NUMBER
Stand with Enclosed Shelf	350045
X-Powerfeed	350083





STOCK NUMBER	351040	351041
Model Number	JMD-40GH	JMD-40GHPFN
Drilling Capacity (in.)	1-1/2	1-1/2
Face Mill Capacity (in.)	4	4
End Mill Capacity (in.)	3/4	3/4
Swing (in.)	21	21
Max Distance Spindle to Table (in.)	15-3/4	15-3/4
Spindle Taper	R8	R8
Spindle Travel Manual (in.)	5	5
Spindle Auto Travel (in.)		4-1/4
Quill Diameter (in.)	3	3
Column Diameter (in.)	4-1/2	4-1/2
Number of Spindle Speeds	6	6
Range of Spindle Speeds (rpm)	65-1550	65-1550
Max. Table Travel (in.)	20-1/2	20-1/2
Cross Travel (in.)	8-1/4	8-1/4
Working Surface of Table (in.)	8-1/4 x 28-3/4	8-1/4 x 28-3/4
T-slots, Number and Size (in.)	4 & 5/8	4 & 5/8
Base Dimensions (in.)	24-1/4 x 15-15/16	24-1/4 x 15-15/16
Motor (HP)	1-1/2HP, 115/230V, 1Ph	1-1/2HP, 115/230V, 1Ph
Prewired	115V, 4P	115V, 4P
Overall Dimensions (L x W x H / in.)	28 x 39-1/4 x 42-1/2	28 x 39-1/4 x 42-1/2
Net Weight (lbs.)	628	628
Gross Weight (lbs.)	694	694

JMD-40 PACKAGES	
351140	JMD-40GH Geared Head Mill Drill with NEWALL DP700 2-AXIS DRO
351141	JMD-40GH Geared Head Mill Drill with NEWALL DP700 2-AXIS DRO & X-Powerfeed
351142	JMD-40GHPF Geared Head Mill Drill with Power Downfeed & NEWALL DP700 2-AXIS DRO
351143	JMD-40GHPF Geared Head Mill Drill with Power Downfeed & NEWALL DP700 2-AXIS DRO & X-Powerfeed
351144	JMD-40GH Geared Head Mill Drill with NEWALL DP500 2-AXIS DRO
351145	JMD-40GH Geared Head Mill Drill with NEWALL DP500 2-AXIS DRO & X-Powerfeed
351146	JMD-40GHPF Geared Head Mill Drill with Power Downfeed & NEWALL DP500 2-AXIS DRO
351147	JMD-40GHPF Geared Head Mill Drill with Power Downfeed & NEWALL DP500 2-AXIS DRO & X-Powerfeed

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NEW

# SQUARE COLUMN GEARED HEAD MILL DRILLS

## DURABILITY

- Heavy-duty design allows for a variety of precision drilling applications
- Full power to the cutting tools through 6 speed geared head
- Square column with dovetail ways

## SAFETY

- CSA/US: Following strict guidelines and electrical requirements, this JET Mill Drill is CSA/US certified
- Spindle guard
- Work lamp

## EASE OF USE

- Calibrated fine down feed built in
- Easy-to-read internal depth gauge
- Head tilts left & right 90°
- Rapid spindle speed changes through quick-select gear shift levers
- Forward/reverse switch
- Milling table allows for movement
- R8 Spindle allows use of all standard mill tooling
- Power Downfeed standard on 351046, 35150 and 351051
- Tapping comes standard on 351051



351051



350045



### OPTIONAL EQUIPMENT

### STOCK NUMBER

Stand with Enclosed Shelf

350045

X-Powerfeed

350083

STOCK NUMBER	351045	351046	351050	351051
Model Number	JMD-45GH	JMD-45GHPFN	JMD-45VSPF	JMD-45VSPFT
Drilling Capacity (in.)	1-1/2	1-1/2	1-1/2	1-1/2
Face Mill Capacity (in.)	4	4	4	4
End Mill Capacity (in.)	3/4	3/4	3/4	3/4
Tapping Capacity (in.)				3/4
Swing (in.)	19-11/16	19-11/16	19-11/16	19-11/16
Max Distance Spindle to Table (in.)	18-1/8	18-1/8	18-1/8	18-1/8
Spindle Taper	R8	R8	R8	R8
Spindle Travel Manual (in.)	5	5	5	5
Spindle Auto Travel (in.)		4-1/4	4-1/4	4-1/4
Quill Diameter (in.)	3	3	3	3
Column Diameter (in.)	7-7/8 x 7-5/8 Square	7-7/8 x 7-5/8 Square	7-7/8 x 7-5/8 Square	7-7/8 x 7-5/8 Square
Number of Spindle Speeds	6	6	Variable Speed	Variable Speed
Range of Spindle Speeds (rpm)	65-1550	65-1550	50-2500	50-2500
Max. Table Travel (in.)	20-1/2	20-1/2	20-1/2	20-1/2
Cross Travel (in.)	8-1/4	8-1/4	8-1/4	8-1/4
Working Surface of Table (in.)	9-1/2 x 32-1/4	9-1/2 x 32-1/4	9-1/2 x 32-1/4	9-1/2 x 32-1/4
T-slots, Number and Size (in.)	4 & 5/8	4 & 5/8		
Base Dimensions (in.)	26-11/16 x 15-15/16	26-11/16 x 15-15/16	26-11/16 x 15-15/16	26-11/16 x 15-15/16
Motor (HP)	1-1/2HP, 115/230V, 1Ph	1-1/2HP, 115/230V, 1Ph	1-1/2HP, 115/230V, 1Ph	1-1/2HP, 115/230V, 1Ph
Prewired	115V, 4P	115V, 4P	115V, 4P	115V, 4P
Overall Dimensions (L x W x H / in.)	29 x 36 x 50	29 x 36 x 50	29 x 36 x 50	29 x 36 x 50
Gross Weight (lbs.)	754	754	767	767
Net Weight (lbs.)	800	800	820	820

Call Customer Service at 888-804-7129 for additional packages or visit [www.jettools.com](http://www.jettools.com) to Custom Build your own Package.

JMD-45 PACKAGES	
351150	JMD-45GH Geared Head Square Column Mill Drill with NEWALL DP700 2-AXIS DRO
351151	JMD-45GH Geared Head Square Column Mill Drill with NEWALL DP700 2-AXIS DRO & X-Powerfeed
351152	JMD-45GHPF Geared Head Square Column Mill Drill with Power Downfeed with NEWALL DP700 2-AXIS DRO
351153	JMD-45GHPF Geared Head Square Column Mill Drill with Power Downfeed with NEWALL DP700 2-AXIS DRO & X-Axis Powerfeed
351154	JMD-45VSPF Variable Speed Square Column Geared Head Mill Drill with NEWALL DP700 2-AXIS DRO
351155	JMD-45VSPF Variable Speed Square Column Geared Head Mill Drill with NEWALL DP700 2-AXIS DRO & X-Axis Powerfeed
351156	JMD-45VSPFT Variable Speed Geared Head Square Column Mill Drill with Power Downfeed & NEWALL DP500 2-AXIS DRO
351157	JMD-45VSPFT Variable Speed Geared Head Square Column Mill Drill with Power Downfeed & NEWALL DP500 2-AXIS DRO & X-Axis Powerfeed

JMD-45 PACKAGES	
351158	JMD-45GH Geared Head Square Column Mill Drill With NEWALL DP500 2-AXIS DRO
351159	JMD-45GH Geared Head Square Column Mill Drill with NEWALL DP500 2-AXIS DRO & X-Powerfeed
351160	JMD-45GHPF Geared Head Square Column Mill Drill with Power Downfeed with NEWALL DP500 2-AXIS DRO
351161	JMD-45GHPF Geared Head Square Column Mill Drill with Power Downfeed with NEWALL DP500 2-AXIS DRO & X-Axis Powerfeed
351162	JMD-45VSPF Variable Speed Square Column Geared Head Mill Drill with NEWALL DP500 2-AXIS DRO
351163	JMD-45VSPF Variable Speed Square Column Geared Head Mill Drill with NEWALL DP500 2-AXIS DRO & X-Axis Powerfeed
351164	JMD-45VSPFT Variable Speed Geared Head Square Column Mill Drill with Power Downfeed & NEWALL DP500 2-AXIS DRO
351165	JMD-45VSPFT Variable Speed Geared Head Square Column Mill Drill with Power Downfeed & NEWALL DP500 2-AXIS DRO & X-Axis Powerfeed

# 5' RADIAL ARM DRILL PRESS



320038

## DURABILITY

- The spindle is made of the finest case hardened steel for extra strength and wear
- The spindle is supported by double row taper roller and thrust ball bearings at the nose, with thrust and radial axis bearings at the top
- The spindle is built to withstand exceptionally heavy drilling and boring loads and to insure maximum accuracy
- Entire frame is made of Meehanite® and high tensile strength cast iron to handle the heaviest of jobs

## SAFETY

- LED machine lamp delivers extra light for more precise drilling
- Push button controls are all reduced to 110V
- Arm raising safety device prevents arm from dropping

## EASE OF USE

- The power train gears and spline shaft are made of the finest quality, heat-treated and ground nickel-chrome steel, giving extra strength and smoothness to high torque loads
- Electrical circuits are located in the built-in control box at the rear of the arm. This keeps the controls dust and humidity free while making them easily accessible for maintenance.
- Counter balanced mechanism for spindle return
- 12 speeds/3 feed rates make exotic materials easier to drill, bore and tap
- Centralized control center
- Automatic tool ejector
- Hydraulic head and column clamping
- Column and head movement are independent of each other, providing versatility in horizontal (head) and vertical (column) travel

## STANDARD EQUIPMENT

- Coolant pump
- Tool kit
- Box table



STOCK NUMBER	320038	320039
Model Number	J-1600R	J-1600R-4
Drilling Capacity Mild Steel (in.)	2-1/2	2-1/2
Drilling Capacity Cast Iron (in.)	2-5/16	2-5/16
Tapping Capacity Mild Steel (in.)	2	2
Tapping Capacity Cast Iron (in.)	2-3/8	2-3/8
Boring Capacity Steel (in.)	5	5
Boring Capacity Cast Iron (in.)	7-3/8	7-3/8
Column Diameter (in.)	17	17
Distance Column to Spindle (min / in.)	13-3/8	13-3/8
Distance Column to Spindle (max / in.)	62-1/4	62-1/4
Travel of Head Horizontal (in.)	44-7/8	44-7/8
Distance Base to Spindle (min / in.)	15	15
Distance Base to Spindle (max / in.)	63	63
Arm Travel Vertical (in.)	33-15/32	33-15/32
Table Dimensions (L x W x H / in.)	27-1/2 x 19-3/4 x 16	27-1/2 x 19-3/4 x 16
Base Dimensions (L x W x H / in.)	103-1/4 x 40-1/4 x 8	103-1/4 x 40-1/4 x 8
Quill Travel (in.)	14-9/16	14-9/16
Spindle Taper	MT-5	MT-5
Quill Travel w/ Powerfeed engaged (in.)	13	13
Number of Spindle speeds (rpm)	12 (40 - 1920)	12 (40 - 1920)
Quill Down feed Rates (ipr)	6 (.003 - .038 IPR)	6 (.003 - .038 IPR)
Motor (HP)	7-1/2HP, 230V, 3 Ph	7-1/2HP, 460V, 3Ph
Elevating Motor (HP)	2HP	2HP
Coolant Pump Motor (HP)	1/8HP	1/8HP
Machine Height from Floor (in.)	125	125
Overall Dimensions (L x W x H / in.)	116 x 55 x 112	112 x 55 x 116
Net Weight (lbs.)	11000	11000

# 4' RADIAL ARM DRILL PRESS



320036

## DURABILITY

- The spindle is made of the finest case hardened steel for extra strength and wear
- The spindle is supported by double row taper roller and thrust ball bearings at the nose with thrust and radial axis bearings at the top
- The spindle is built to withstand exceptionally heavy drilling and boring loads and to insure maximum accuracy
- Entire frame is made of Meehanite® and high tensile strength cast iron to handle the heaviest of jobs

## SAFETY

- LED machine lamp delivers extra light for more precise drilling
- Push button controls are all reduced to 110V

## EASE OF USE

- The power train gears and spline shaft are made of the finest quality, heat-treated and ground nickel-chrome steel, giving extra strength and smoothness to high torque loads
- Electrical circuits are located in the built-in control box at the rear of the arm- this keeps the controls dust and humidity free while making them easily accessible for maintenance.
- Column and head movement are independent of each other, providing versatility in horizontal (head) and vertical (column) travel

## STANDARD EQUIPMENT

- Coolant pump
- Tool kit
- Box table



STOCK NUMBER	320036	320037
Model Number	J-1230R	J-1230R-4
Drilling Capacity Mild Steel (in.)	1-7/8	1-7/8
Drilling Capacity Cast Iron (in.)	2-5/16	2-5/16
Tapping Capacity Mild Steel (in.)	1	1
Tapping Capacity Cast Iron (in.)	1-1/2	1-1/2
Boring Capacity Steel (in.)	3-3/8	3-3/8
Boring Capacity Cast Iron (in.)	4-3/4	4-3/4
Column Diameter (in.)	11-13/16	11-13/16
Distance Column to Spindle (min / in.)	13-3/4	13-3/4
Distance Column to Spindle (max / in.)	46	46
Travel of Head Horizontal (in.)	35	35
Distance Base to Spindle (min / in.)	19-3/8	19-3/8
Distance Base to Spindle (max / in.)	54	54
Arm Travel Vertical (in.)	35	35
Table Dimensions (L x W x H / in.)	25 x 20-1/2 x 16-5/16	25 x 20-1/2 x 16-5/16
Base Dimensions (L x W x H / in.)	67-3/4 x 28 x 7	67-3/4 x 28 x 7
Quill Travel (in.)	9-7/8	9-7/8
Spindle Taper	MT-4	MT-4
Quill Travel w/ Powerfeed engaged (in.)	9-7/16	9-7/16
Number of Spindle speeds (rpm)	12 (44 - 1500)	12 (44 - 1500)
Quill Down feed Rates (ipr)	3 (.002, .004, .006)	3 (.002, .004, .006)
Motor (HP)	2-1/2 to 5HP, 230V, 3 Ph	2-1/2 to 5HP, 460V, 3 Ph
Elevating Motor (HP)	1HP	1HP
Coolant Pump Motor (HP)	1/8HP	1/8HP
Machine Height from Floor (in.)	109-1/2	109-1/2
Overall Dimensions (L x W x H / in.)	80 x 39 x 89	80 x 39 x 89
Net Weight (lbs.)	4520	4520

# 3' RADIAL ARM DRILL PRESS



## DURABILITY

- The spindle is made of finest case hardened steel, for extra strength and wear
- The spindle is supported by double row taper roller and thrust ball bearings at the nose, with thrust and radial axis bearings at the top
- Build to withstand exceptionally heavy drilling and boring loads to insure maximum accuracy

## SAFETY

- LED machine lamp delivers extra light for more precise drilling

## EASE OF USE

- The power train gears and spline shafts are made of the finest quality, heat-treated and ground nickel-chrome steel, giving extra strength and smoothness to high torque loads
- Column and head movement are independent of each other, providing versatility in horizontal (head) and vertical (column) travel

## STANDARD EQUIPMENT

- Coolant pump
- Tool kit
- Box table

STOCK NUMBER	320033
Model Number	J-720R
Drilling Capacity Mild Steel (in.)	1-1/2
Drilling Capacity Cast Iron (in.)	2
Tapping Capacity Mild Steel (in.)	3/4
Tapping Capacity Cast Iron (in.)	1
Boring Capacity Steel (in.)	2-3/8
Boring Capacity Cast Iron (in.)	4
Column Diameter (in.)	8-1/4
Distance Column to Spindle (min / in.)	8-5/8
Distance Column to Spindle (max / in.)	29-1/2
Travel of Head Horizontal (in.)	20-7/8
Distance Base to Spindle (min / in.)	9-5/8
Distance Base to Spindle (max / in.)	41-3/4
Arm Travel Vertical (in.)	23-13/16
Table Dimensions (L x W x H / in.)	23-5/8 X 17-1/2 X 15
Base Dimensions (L x W x H / in.)	49-5/8 x 25-3/16 x 6-1/4
Quill Travel (in.)	8-21/32
Spindle Taper	MT-4
Quill Travel w/ Powerfeed engaged (in.)	8-1/4
Number of Spindle speeds (rpm)	6 (88 - 1500)
Quill Down feed Rates (ipr)	.002, .004, .006
Motor (HP)	3HP, 230/460V 3Ph, Prewired 230V
Elevating Motor (HP)	1 HP
Coolant Pump Motor (HP)	1/8 HP
Machine Height from Floor (in.)	85-7/16
Overall Dimensions (L x W x H / in.)	64 x 32 x 85
Net Weight (lbs.)	2697





# DIRECT DRIVE DRILL PRESSES

## DURABILITY

- Heavy-duty quill and spindle
- Coolant system

## SAFETY

- Manual quill lock
- Low voltage at switch
- Automatic tool ejector
- Spindle safety shield

## EASE OF USE

- Direct drive round column drill press with mechanical clutch
- Two speed forward and reverse switch
- Mechanical powerfeed clutch engagement
- Tempered, ground spindle with internal taper mounted in precision bearings for maximum accuracy, minimizing deflection
- Speed and feed selectors are located on one side of the drill head for convenience and ease of operation
- Oversized base is precision ground with T-slots for added versatility and stability
- Easy-to-read internal depth gauge prevents waste through errors
- Table tilts both right & left and can be rotated 360° around the column for wider work area



354050

STOCK NUMBER	354050	354051	354052
Model Number	J-2350	J-2360	J-2380
Drills to Center of Circle (in.)	28	30	33
Drilling Capacity Cast Iron (in.)	1-7/8	2-5/32	2-7/8
Drilling Capacity Mild Steel (in.)	1-3/4	2	2-3/4
Distance Column to Spindle (in.)	14	15	16-1/2
Range of Spindle Speeds (rpm)	82, 120, 180, 240, 354, 528, 678, 1026, 1524	55, 98, 156, 198, 346, 456, 576, 822, 1338	42, 58, 86, 116, 154, 249, 304, 412, 554, 748, 1098, 1458
Spindle Taper	MT-4	MT-4	MT-5
Spindle Travel (in.)	9	10	11
Spindle Distance to Base (in.)	49	50	51
Spindle Distance to Table (max./in.)	30-1/2	30-1/2	30-1/2
Table Size (in.)	22 x 19	22 x 19	23-1/2 x 23-1/2
T-Slots Number and Size (in.)	2 & 5/8	3 & 5/8	3 & 5/8
Work Table Weight Capacity (lbs.)	400	400	400
Base Dimensions (L x W x H / in.)	102 x 25 x 47	108 x 30 x 53	114 x 33 x 54
Base Slots Number & Size (in.)	2 & 5/8	2 & 5/8	2 & 5/8
Motor (HP)	3HP, 230/460V, 3 Ph, Prewired 230V	4HP, 230/460V, 3 Ph, Prewired 230V	7-1/2HP, 230/460V, 3 Ph, Prewired 230V
Floor Space Required (L x W x H / in.)	40 x 30 x 95	53 x 30 x 108	55 x 33 x 110
Net Weight (lbs.)	1810	2405	3065



# 25" AND 26" JET/ARBOGA GEARED HEAD DRILL PRESSES

## DURABILITY

- Steel column
- Extra long quill movement
- Machined, T-Slotted base plate
- Helical gears for smooth, quiet operation

## SAFETY

- CE Certified
- No-volt release prevents spindle start when power returns after shut down
- Fully enclosed spindle
- Telescoping safety spindle guard

## EASE OF USE

- Helical gears for smooth quiet operation
- Extra long quill movement
- Adjustable taper bearings mounted in the end of the quill
- Head and table rotate 360° around column
- English/Metric depth gauge
- Drill head and table can be raised and lowered
- Fiber & steel gears which do not require oil bath and allows for easy speed changes
- Quick release drill ejector



354036



STOCK NUMBER	354034	354035	354036	354037
Model Number	J-A3008-2	J-A3008-4	J-A3008M-PF2	J-A3008M-PF4
Drills to Center of Circle (in.)	26	26	25	25
Drilling Capacity Cast Iron (in.)	1-3/16	1-3/16	1-3/16	1-3/16
Drilling Capacity Mild Steel (in.)	31/32	31/32	31/32	31/32
Quill Feed	Manual	Manual	Auto	Auto
Quill Feed Rates (irp)	-	-	.004, .006, .009, .12	.004, .006, .009, .12
Quill Travel (in.)	6	6	6	6
Quill Diameter (in.)	2-7/16	2-7/16	2-7/16	2-7/16
Range of Spindle Speeds (rpm)	90, 190, 320, 530, 640, 1060, 1790, 3610	90, 190, 320, 530, 640, 1060, 1790, 3610	90, 190, 320, 530, 640, 1060, 1790, 3610	90, 190, 320, 530, 640, 1060, 1790, 3610
Spindle Taper	MT-3	MT-3	MT-3	MT-3
Spindle Travel (in.)	6	6	6	6
Spindle Distance to Base (in.)	45-5/8	45-5/8	45-5/8	45-5/8
Spindle Distance to Table (max. / in.)	35	35	35	35
Distance Column to	12-5/8	12-5/8	12-5/8	12-5/8
Spindle (in.)	15-3/4 x 19-3/4	15-3/4 x 19-3/4	15-3/4 x 19-3/4	15-3/4 x 19-3/4
Table Size (in.)	30	30	30	30
Table Travel (in.)	2 & 9/16	2 & 9/16	2 & 9/16	2 & 9/16
T-Slots Number and Size (in.)	450	450	450	450
Work Table Weight Capacity (lbs.)	28 x 24	28 x 24	28 x 24	28 x 24
Base Dimensions (L x W x H / in.)	2 & 9/16	2 & 9/16	2 & 9/16	2 & 9/16
Base Slots Number & Size (in.)	2 & 9/16	2 & 9/16	2 & 9/16	2 & 9/16
Motor (HP)	1-1/2 - 2HP, 220V, 3Ph	1-1/2 - 2HP, 440/460V,3Ph	1/2 - 2HP, 220V, 3Ph	1-1/2 - 2HP, 440/460V, 3Ph
Overall Dimensions (L x W x H / in.)	28 x 24 x 72	28 x 24 x 72	28 x 24 x 72	28 x 24 x 72
Net Weight (lbs.)	565	565	600	600

# 20" JET/ARBOGA GEARED HEAD DRILL PRESSES

## DURABILITY

- Steel column
- 3-15/16" Column diameter
- Helical gears for smooth, quiet operation
- Fiber & steel gears, which do not require oil bath and allow for easy speed changes
- Adjustable taper bearings mounted in the end of the quill
- Extra long quill movement
- Helical gears for smooth, quiet operation

## SAFETY

- Safety latch to prevent head dropping when unclamped
- Fully enclosed spindle
- Telescoping safety spindle guard

## EASE OF USE

- 2 position High/Low switch
- English/Metric depth gauge
- Head and table rotate 360° around column
- Quick release drill ejector
- Eight spindle speeds
- T-Slotted table with coolant trough
- Drill head and table can be raised and lowered



354030



STOCK NUMBER	354027	354028	354029	354030	354031
Model Number	J-A2608-1	-A2608-2	J-A2608-4	J-A2608M-PF2	J-A2608M-PF4
Drills to Center Circle (in.)	20	20	20	20	20
Drilling Capacity Cast Iron (in.)	4/5	1-3/8	1-3/8	1-3/8	1-3/8
Drilling Capacity Mild Steel (in.)	3/4	1-1/4	1-1/4	1-1/4	1-1/4
Column Diameter (in.)	3-15/16	3-15/16	3-15/16	3-15/16	3-15/16
Distance Column to Spindle (in.)	10	10	10	10	10
Range of Spindle Speeds (rpm)	Low - 130, 260, 420, 840; High-420, 840; High-535, 1070, 1745, 3480	Low-130, 260, 420, 840; High-535, 1070, 1745, 3480	Low-130, 260, 420, 840; High-535, 1070, 1745, 3480	Low-130, 260, 420, 840; High-535, 1070, 1745, 3480	Low-130, 260, 420, 840; High-535, 1070, 1745, 3480
Spindle Taper	MT-3	MT-3	MT-3	MT-3	MT-3
Spindle Travel (in.)	5-1/8	5-1/8	5-1/8	5-1/8	5-1/8
Spindle Distance to Base (in.)	44	44	44	44	44
Spindle Distance to Table (max./in.)	35-5/8	35-5/8	35-5/8	35-5/8	35-5/8
Table Size (in.)	15-3/4 x 19-3/4	15-3/4 x 19-3/4	15-3/4 x 19-3/4	15-3/4 x 19-3/4	15-3/4 x 19-3/4
Quill Feed	Manual	Manual	Manual	Auto	Auto
Quill Feed Rates (ipr)	-	-	-	.0004, .006, .009, 0.012	.0004, .006, .009, .012
Quill Travel	5-1/8	5-1/8	5-1/8	5-1/8	5-1/8
Quill Diameter (in.)	2-3/8	2-3/8	2-3/8	2-3/8	2-3/8
Vertical Movement of Drill Head (in.)	8-5/8	8-5/8	8-5/8	8-5/8	8-5/8
Table Travel (in.)	24-1/2	24-1/2	24-1/2	24-1/2	24-1/2
T-Slots Number and Size (in.)	2 - 9/16	2 & 9/16	2 & 9/16	2 & 9/16	2 & 9/16
Work Table Weight Capacity (lbs.)	350	350	350	350	350
Base Dimensions (L x W x H / in.)	24 x 22	24 x 22	24 x 22	24 x 22	24 x 22
Motor (HP)	3/4 to 1 HP, 120V, 1Ph	1 - 1-1/2HP, 220V, 3Ph	1 - 1-1/2HP, 440V, 3Ph	1 - 1-1/2HP, 220V, 3Ph	1 - 1-1/2HP, 440V, 3Ph
Overall Dimensions (L x W x H / in.)	24 x 22 x 72	24 x 22 x 72	24 x 22 x 72	24 x 22 x 72	24 x 22 x 72
Net Weight (lbs.)	475	475	475	600	600

# 20" GEARED HEAD DRILL PRESS WITH TAPPING



354022

## DURABILITY

- Heavy-duty design allows a variety of precision drilling and tapping applications
- Three power down feeds
- Calibrated fine down feed built-in
- TEFC Motor

## SAFETY

- Built-in spindle lock
- Spindle safety shield

## EASE OF USE

- Easy-to-read internal depth gauge
- Head tilts left or right
- Easy accessible table raiser
- Large production table and T-slotted base
- Integrated tapping and reversing controls
- Power downfeed speed selector both drilling & tapping with the flick of a switch
- Draw bar
- T-slotted worktable
- Drill chuck arbor

STOCK NUMBER	354022	354026
Model Number	GHD-20T	GHD-20PFT
Drills to Center Circle (in.)	20	20
Drilling Capacity Cast Iron (in.)	1-1/2	1-1/2
Drilling Capacity Mild Steel (in.)	1-1/4	1-1/4
Tapping Capacity Mild Steel (in.)	15/16	15/16
Tapping Capacity Cast Iron (in.)	15/16	15/16
Column Diameter (in.)	4-1/2	4-1/2
Distance Column to Spindle (in.)	10	10
Range of Spindle Speeds (rpm)	120, 260, 460, 900, 1600, 3000, 60, 130, 230, 450, 800, 1500	120, 260, 460, 900, 1600, 3000, 60, 130, 230, 450, 800, 1500
Spindle Taper	MT-3	MT-3
Spindle Travel (in.) Manual	5	4-1/2
Spindle Travel (in.) Auto	N/A	4-1/4
Spindle Distance to Base (in.)	44-5/16	44-5/16
Spindle Distance to Table (max./in.)	30-1/2	30-1/2
Table Size (in.)	21-3/4 x 19-1/2	21-3/4 x 19-1/2
T-Slots Number and Size (in.)	2 & 5/8	2 & 5/8
T-Slot Centers (in.)	9	9
Work Table Weight Capacity (lbs.)	275	275
Base Dimensions (L x W x H / in.)	26 x 18 x 5	26 x 18 x 5
Base Work Table (in.)	15-1/4 x 13	15-1/4 x 13
Base Slots Number & Size (in.)	2 & 5/8	2 & 5/8
Motor (HP)	2HP, 230V, 3Ph, 2-speed	2HP, 230V, 3Ph, 2-speed
Overall Dimensions (L x W x H / in.)	32 x 24 x 71	32 x 24 x 71
Net Weight (lbs.)	700	708





# 20" GEARED HEAD DRILL PRESSES



354020

## DURABILITY

- Heavy-duty design allows a variety of precision drilling applications
- Three power down feeds
- Calibrated fine down feed built-in

## SAFETY

- Built-in spindle lock

## EASE OF USE

- Easy-to-read internal depth gauge
- Head tilts left or right
- Easy accessible table raiser
- Large production table and T-slotted base
- T-slotted worktable
- Drill chuck arbor
- Draw bar
- Fine feed adjustment knob in easy to reach location
- Depth stop - when set the quill will only advance to the set dept

STOCK NUMBER	354020	354024
Model Number	GHD-20	GHD-20PF
Drills to Center Circle (in.)	20	20
Drilling Capacity Cast Iron (in.)	1-1/2	1-1/2
Drilling Capacity Mild Steel (in.)	1-1/4	1-1/4
Column Diameter (in.)	4-1/2	4-1/2
Distance Column to Spindle (in.)	10	10
Range of Spindle Speeds (rpm)	Low 60, 130, 230, 450, 800, 1500 High 120, 260, 460, 900, 1600, 3000	Low 60, 130, 230, 450, 800, 1500 High 120, 260, 460, 900, 1600, 3000
Spindle Taper	MT-3	MT-3
Number of Powerfeeds (GHD-20PF)	-	3
Spindle Travel (in.) Manual	5	4-1/2
Spindle Travel (in.) Auto	N/A	4-1/4
Spindle Distance to Base (in.)	44-15/16	44-15/16
Spindle Distance to Table (max. / in.)	30-1/2	30-1/2
Table Size (in.)	21-3/4 x 19-1/2	21-3/4 x 19-1/2
T-Slots Number and Size (in.)	2 & 5/8	2 & 5/8
T-Slot Centers (in.)	9	9
Work Table Weight Capacity (lbs.)	275	275
Base Dimensions (L x W x H / in.)	26 x 18 x 5	26 x 18 x 5
Base Work Table (in.)	15-1/4 x 13	15-1/4 x 13
Base Slots Number & Size (in.)	2 & 5/8	2 & 5/8
Motor (HP)	2HP, 230V, 3Ph, 2 Speed	2 HP, 230V, 3 Ph, 2 Speed
Overall Dimensions (L x W x H / in.)	32 x 24 x 71	33 x 29 x 76
Net Weight (lbs.)	660	660



**NEW**

## 20" EVS VARIABLE SPEED DRILL PRESSES

### DURABILITY

- Steel column prevents column failures prolonging the life of the machine
- Heavy-duty casted head for more accuracy and rigidity
- Large precision ground t-slot production table for easy set ups
- Latest AC inverter variable speed technology
- CSA coolant system with the 3-Phase models only
- Spindle is supported by high quality ball bearings reducing rotational friction while increasing load support

### SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Drills are CSA/CUS certified
- LED machine lamp delivers extra light for more precise drilling
- Spindle guard protects user from flying debris
- Emergency stop allows for immediate shut off

### EASE OF USE

- Variable spindle speeds from 65 -2,000 RPM's
- High torque at all speeds both forward and reverse
- Continuous speed adjustment while in operation
- Front mounted LED spindle RPM readout
- Forward and reverse switch for instant tapping mode
- Front mounted positive control depth stop
- Large hand grips designed with the users comfort in mind



354220

### VARIABLE SPEED

- Variable spindle speeds: 65-2,000 RPM's
- Low speeds: 65-540 RPM's
- High speed: 245-2,000 RPM's
- Continuous speed adjustment while in operation

### TAPPING

- Available on 354225: JDP-20EVST-230 & 354226: JDP-20EVST-460
- Cast iron 7/8"
- Mild steel 3/4"
- Forward and reverse switch for instant tapping mode

### STANDARD EQUIPMENT

- Coolant system (optional on model number JDP-20EVS-110)
- Spindle safety guard
- LED machine lamp



STOCK NUMBER	354220	354225	354226
Model Number	JDP-20EVS-110	JDP-20EVST-230	JDP-20EVST-460
Drills to Center of Circle (in.)	20	20	20
Drilling Capacity Cast Iron (in.)	1-1/2	1-1/2	1-1/2
Drilling Capacity Mild Steel (in.)	1-3/8	1-3/8	1-3/8
Tapping Capacity Cast Iron (in.)	-	7/8	7/8
Tapping Capacity Mild Steel (in.)	-	3/4	3/4
Distance Column to Spindle (in.)	10-7/16	10-7/16	10-7/16
Number of Spindle Speeds	Variable	Variable	Variable
Range of Spindle Speeds (rpm)	65-540 /245-2,000	65-540 /245-2,000	65-540 /245-2,000
Column Diameter (in.)	4-1/2	4-1/2	4-1/2
Spindle Taper	MT-3	MT-3	MT-3
Spindle Travel (in.)	6	6	6
Spindle Distance to Base (in.)	44-1/2	44-1/2	44-1/2
Spindle Distance to Table (max.) (in.)	30-1/4	30-1/4	30-1/4
Table Size (L x W / in.)	22x18-3/4	22x18-3/4	22x18-3/4
Table Working Area (L x W / in.)	18-1/8 x 14-3/4	18-1/8 x 14-3/4	18-1/8 x 14-3/4
Table Travel Effective travel (max. / in.)	20	20	20
T-Slots Number and Size (in.)	3 & 5/8	3 & 5/8	3 & 5/8
T-Slot Centers (in.)	7-7/16	7-7/16	7-7/16
Work Table Weight Capacity (lbs.)	154	154	154
Base Dimensions (in.)	27 x 19	27 x 19	27 x 19
Base Work Area (in.)	14-3/4 x 11-13/16	14-3/4 x 11-13/16	14-3/4 x 11-13/16
Base Slots Number & Size (in.)	2 & 5/8	2 & 5/8	2 & 5/8
Motor (HP)	2 HP, 230V, 1Ph	2 HP, 230V, 3Ph	2 HP, 460V, 3Ph
Inverter	2HP, 115V, Single Phase	M Type 230V, 1/3Ph	M Type 460V, 1/3Ph
Gross Weight (lbs.)	792	792	792

**NEW**

## 20" GEARED EVS DRILL PRESSES WITH POWER DOWNFEED

### DURABILITY

- Steel column prevents column failures prolonging the life of the machine
- Heavy-duty casted head for more accuracy and rigidity
- Large precision ground t-slot production table for easy set ups
- Latest AC inverter variable speed technology
- CSA certified coolant system
- Spindle is supported by high quality ball bearings reducing rotational friction while increasing load support

### SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Drills are CSA/CUS certified
- LED machine lamp delivers extra light for more precise drilling
- Spindle guard protects user from flying debris

### EASE OF USE

- 3-Speed power downfeed
- Variable spindle speeds from 65 -2,000 RPM's
- High torque at all speeds both forward and reverse
- Continuous speed adjustment while in operation
- Front mounted LED spindle RPM readout
- Forward and reverse for tapping
- Front mounted positive control depth stop
- Large hand grips designed with the users comfort in mind

### TAPPING CAPACITY

- Cast Iron: 1"
- Mild Steel: 1"

### POWER DOWNFEED

- Power downfeed now available on EVS Drill Presses
- Quill downfeed rates (ipr): .0078 - .0039 - .0019



354245



STOCK NUMBER	354245	354246
Model Number	JDP-20EVST-230-PDF	JDP-20EVST-460-PDF
Drills to Center of Circle (in.)	20	20
Drilling Capacity Cast Iron (in.)	2-5/32	2-5/32
Drilling Capacity Mild Steel (in.)	2	2
Tapping Capacity Cast Iron (in.)	1	1
Tapping Capacity Mild Steel (in.)	1	1
Distance Column to Spindle (in.)	10-7/16	10-7/16
Number of Spindle Speeds	Variable	Variable
Range of Spindle Speeds (rpm)	60-2,000 (60-540/225-2000)	60-2,000 (60-540/225-2000)
Quill Down Feed Rates (ipr)	.0078-.0039 -.0019	.0078-.0039 -.0019
Column Diameter (in.)	4-1/2	4-1/2
Spindle Taper	MT-4	MT-4
Spindle Travel (in.)	6	6
Spindle Distance to Base (in.)	44.68	44.68
Spindle Distance to Table (max. / in.)	25.5	25.5
Table Size (L x W / in.)	22x18-3/4	22x18-3/4
Table Working Area (L x W / in.)	18-1/8 x 14-3/4	18-1/8 x 14-3/4
Table Travel Effective travel (max. / in.)	20	20
T-Slots Number and Size (in.)	3 & 5/8	3 & 5/8
T-Slot Centers (in.)	7-7/1	7-7/16
Work Table Weight Capacity (lbs.)	154	154
Base Dimensions (in.)	27 x 19	27 x 19
Base Work Area (in.)	14-3/4 x 11-13/16	14-3/4 x 11-13/16
Base Slots Number & Size (in.)	2 & 5/8	2 & 5/8
Motor (HP)	2 HP, 230V, 3Ph	2 HP, 460V, 3Ph
Inverter	B Type 230V, 1/3Ph	B Type 230V, 3Ph
Gross Weight (lbs.)	847	847

NEW

## 20" VARIABLE SPEED DRILL PRESSES

### DURABILITY

- Steel column
- Heavy-duty casted iron design
- Head is massively constructed for more accuracy and rigidity
- Large precision ground t-slot production table for easy set ups
- Massive 3" quill diameter
- Coolant system standard on JDP-20VST

### SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Drills are CSA/CUS certified
- LED machine lamp
- Spindle guard

### EASE OF USE

- Variable spindle speeds from 65 - 2,000 RPM's
- Front mounted LED spindle RPM readout
- Front mounted positive control depth stop
- Table rotates 360° around the column
- Machine t-slotted base
- Large hand grips designed with the users comfort in mind



354230

OPTIONAL EQUIPMENT	STOCK NUMBER
Coolant System 115/230V Single Ph for JDP-20VS-1	5512104
Coolant System 220/440V 3-Ph for JDP-20VS-3	5508071





STOCK NUMBER	354230	354231	354240
Model Number	JDP-20VS-1	JDP-20VS-3	JDP-20VST
Drills to Center of Circle (in.)	20	20	20
Drilling Capacity Cast Iron (in.)	1-1/4	1-1/2	1-1/2
Drilling Capacity Mild Steel (in.)	1	1-3/8	1-3/8
Tapping Capacity Cast Iron (in.)	N/A	N/A	3/4
Tapping Capacity Mild Steel (in.)	N/A	N/A	5/8
Distance Column to Spindle (in.)	10-7/16	10-7/16	10-7/16
Number of Spindle Speeds	Variable	Variable	Variable
Range of Spindle Speeds (rpm)	300 - 2,000	300 - 2,000	150 - 2,000
Column Diameter (in.)	4-1/2	4-1/2	4-1/2
Spindle Taper	MT-3	MT-3	MT-3
Spindle Travel (in.)	6	6	6
Spindle Distance to Base (in.)	44-1/2	44-1/2	44-1/2
Spindle Distance to Table (max. / in.)	30-1/4	30-1/4	30-1/4
Table Size (L x W / in.)	22 x 18-3/4	22 x 18-3/4	22 x 18-3/4
Table Working Area (L x W / in.)	18-1/8 x 14-3/4	18-1/8 x 14-3/4	18-1/8 x 14-3/4
Table Travel Effective travel (max. / in.)	20	20	20
T-Slots Number and Size (in.)	3 & 5/8	3 & 5/8	3 & 5/8
T-Slot Centers (in.)	7-7/16	7-7/16	7-7/16
Work Table Weight Capacity (lbs.)	154	154	154
Base Dimensions (in.)	27 x 19	27 x 19	27 x 19
Base Work Area (in.)	14-3/4 x 11-13/16	14-3/4 x 11-13/16	14-3/4 x 11-13/16
Base Slots Number & Size (in.)	2 & 5/8	2 & 5/8	2 & 5/8
Motor (HP)	2HP, 115/ 230V, 1Ph ,4P	2HP, 230/ 460V,3Ph ,4P	2HP, 230V,3Ph ,4/8P
Gross Weight (lbs.)	780	780	780

# 15" VARIABLE SPEED DRILL PRESSES

## DURABILITY

- Large 2-1/4" quill allows greater accuracy
- 3" column diameter for maximum head support
- Full bearing support on quill for maximum spindle stiffness
- 6" stroke for deep hole application
- Accurate depth stop for precise hole depths
- 1/2" drill chuck & arbor

## SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Drills are CSA/CUS certified
- Safety collar

## EASE OF USE

- Speeds from 400 to 5000 RPM
- Handwheel adjustment sets the speeds

## STANDARD EQUIPMENT

- 1/2" Drill chuck & arbor included
- Easy-to-read LED speed display



STOCK NUMBER	354550	354551
Model Number	J-A5816	J-A5818
Drills to Center Circle (in.)	15	15
Drilling Capacity Cast Iron (in.)	5/8	5/8
Drilling Capacity Mild Steel (in.)	1/2	1/2
Column Diameter (in.)	3	3
Distance Column to Spindle (in.)	7-1/2	7-1/2
Spindle Travel (in.)	6	6
Spindle Distance to Base (in.)	44-1/2	44-1/2
Max Distance Spindle to Table (in.)	25-3/4	25-3/4
Table Size (in.)	15 x 18	15 x 18
Table Travel (in.)	16-3/4	16-3/4
T-Slots Number and Size (in.)	2 & 1/2	2 & 1/2
T-Slot Centers (in.)	5-5/16	5-5/16
Work Table Weight Capacity (lbs.)	90	90
Spindle Taper	MT-2	MT-2
Range of Spindle Speeds (rpm)	400 - 5000	400 to 5000
Base Dimensions (L x W x H / in.)	20-7/16 x 14-3/16 x 3-1/8	20-7/16 x 14-3/16 x 3-1/8
Base Work Table (in.)	12-1/8 x 11-13/16	12-1/8 x 11-13/16
Base Slots Number & Size (in.)	2 & 1/2	2 & 1/2
Motor (HP)	1HP, 115/230V, 1Ph (Prewired 115V)	1HP, 230/460V, 3Ph (Prewired 230V)
Overall Dimensions (L x W x H / in.)	30 x 20 x 71	30 x 20 x 71
Net Weight (lbs.)	426	426



# 20" FLOOR DRILL PRESS

## DURABILITY

- Spindle is supported by high quality ball bearings reducing rotational friction while increasing load support
- Hinged metal belt and pulley cover coupled with quick adjustment motor mount allow rapid changing of spindle speeds
- Adjustable tension spindle return spring
- Large cast iron head

## SAFETY

- On/off switch located on front of the drill press head
- Spindle guard
- Built-in work lamp

## EASE OF USE

- 1/2" diameter external positive depth stop with three nut locking feature for quick adjustment
- Adjustable tension spindle return spring
- Rotating, 45° tilting, crank-operated worktable with quick release clamp
- Drill chuck and key included



STOCK NUMBER	354170
Model Number	JDP-20MF
Drills to Center Circle (in.)	20
Drilling Capacity Cast Iron (in.)	1
Drilling Capacity Mild Steel (in.)	3/4
Column Diameter (in.)	3-3/8
Distance Column to Spindle (in.)	10
Number of Speeds	12
Range of Spindle Speeds (rpm)	150-4200
Spindle Travel (in.)	4-5/8
Spindle Distance to Base (in.)	46-3/4
Max Distance Spindle to Table (in.)	29-1/8
Table Size (in.)	18-1/2 x 16
T-Slots Number and Size (in.)	6 & 1/2
T-Slot Centers (in.)	3-1/2
Work Table Weight Capacity (lbs.)	80
Spindle Taper	MT-3
Base Dimensions (L x W x H / in.)	13-3/4 x 22-3/4
Base Work Table (in.)	13 x 8-1/2
Base Slots Number & Size (in.)	2 & 5/8
Motor (HP)	1-1/2HP, 115/230V, 1Ph (Prewired 115V)
Overall Dimensions (L x W x H / in.)	31-1/2 x 18-1/2 x 66
Net Weight (lbs.)	282

# 15" AND 20" STEP PULLEY DRILL PRESSES

## DURABILITY

- All models have a cast iron head for better drilling accuracy
- Head casting features a permanently lubricated ball bearing spindle assembly, using four heavy-duty ball bearings mounted in an enclosed quill for extended life
- Massive T-slotted production work table (Model J-2550 only)
- Large ground steel column diameter for maximum head and table support
- J-2550 has a massive T-slot production work table and base

## SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Drills are CSA/CUS certified
- Spindle guard

## EASE OF USE

- Large quill allows greater accuracy
- Table tilts 45°
- 3-1/8" stroke for deep hole applications (4-3/4" on model J-2550)
- Accurate depth stop for precise hole depths

## STANDARD EQUIPMENT

- 5/8" Drill chuck and arbor
- Spindle guard



# INDUSTRIAL COMBINATION 6" x 48" BELT AND 12" DISC FINISHING MACHINE

## DURABILITY

- Powered by a heavy-duty 1-1/2HP TEFC motor
- Fully machined, balanced disc runs vibration free
- Adjustable heavy-duty cast iron removable platen
- Heavy-duty one-piece steel stand
- Large cast iron slotted table

## SAFETY

- Completely enclosed drums and a guarded sanding belt
- Adjustable dust collector and dust chute

## EASE OF USE

- Belt operates at any angle
- Contour finishing, mitering, flat finishing, beveling, and precision finishing
- Variable position locks, belt head adjusts vertically, horizontally, and in between
- Plain and compound miters are easily obtained by using the standard die cast aluminum miter gauge
- Removable upper guard for contour finishing
- Large locking nut and table angle scale
- 60 Grit Belt & Disk come standard for a multitude of uses



414551

STOCK NUMBER	414551	414552	414553
Model Number	J-4200A	J-4200A-2	J-4202A
Disc Size (in.)	12	12	12
Disc Speed (rpm)	1,960	1,960	1,960
Belt Size (W x L / in.)	6 x 48	6 x 48	6 x 48
Belt Speed (sfpm)	2,850	2,850	2,850
Disc Table Size (L x W / in.)	12 x 16-3/8	12 x 16-3/8	12 x 16-3/8
Table Slots (in.)	3/8 x 3/4	3/8 x 3/4	3/8 x 3/4
Disc Table Tilt (deg.)	45° out and 20° in	45° out and 20° in	45° out and 20° in
Motor (HP)	1-1/2HP, 115V, 1Ph	1-1/2HP, 230V, 1Ph	1-1/2HP, 230V, 3Ph
Overall Dimensions (L x W x H / in.)	26 x 19 x 58	26 x 19 x 58	26 x 19 x 58
Net Weight (lbs.)	250	250	250



# 6" x 48" COMBINATION BELT AND 10" DISC MACHINE

## DURABILITY

- Two cast iron-tilting tables for mitering applications
- Heavy-duty one-piece steel stand

## SAFETY

- Enclosed base protects motor from dust and debris
- Dust collection shrouds on belt and disc
- Removable safety key switch

## EASE OF USE

- Quick-release tension mechanism makes belt changes quick and easy
- Full access to the belt when tilted in the horizontal position
- Belt tensioning lever
- 2" dust chute
- Miter gauge turns and locks for common angles



STOCK NUMBER	414550K
Model Number	J-4210K
Disc Size (in.)	10
Disc Speed (rpm)	2,100
Belt Size (W x L / in.)	6 x 48
Belt Speed (sfpm)	1,650
Disc Table Size (L x W/in.)	7-1/2 x 13
Table Slots (in.)	5/8
Disc Table Tilt (deg.)	45 out
Motor (HP)	1HP, 115V, 1Ph
Overall Dimensions (L x W x H / in.)	23 x 26 x 61
Net Weight (lbs.)	170





# 2" x 42" BENCH BELT AND 8" DISC SANDER

## DURABILITY

- Hinged idler wheel cover
- Cast iron tilting table with adjustment handle
- Cast construction
- Heavy-duty steel base and rubber feet

## SAFETY

- Dust deflector and chute

## EASE OF USE

- Deluxe miter gauge that turns and locks for common angles, 45° both left and right
- Allows for sanding, grinding or finishing of outside, curves or odd shaped work pieces on the belt
- Abrasive belt unit does the work of a jig saw, coping saw or hand file while removing material and finishing at the same time, allows the operator to get into small openings, plus handle odd shapes and angles
- Removable platen
- Belt tensioning handle



STOCK NUMBER	577004
Model Number	J-41002
Disc Diameter (in.)	8
Disc Speed (rpm)	3,450
Belt Size (W x L / in.)	2 x 42
Belt Speed (sfpm)	3,100
Disc Table Size (in.)	10-3/4 x 7-1/2
Disc Table Tilt (deg.)	45° out
Motor (HP)	3/4HP, 115V, 1Ph
Overall Dimensions (L x W x H / in.)	20-1/2 x 22-3/4 x 20
Net Weight (lbs.)	60



# 6" x 48" INDUSTRIAL BELT FINISHING MACHINE



## DURABILITY

- Adjustable heavy-duty cast iron removable platen
- Heavy-duty one-piece steel stand

## SAFETY

- Completely enclosed drums and a guarded sanding belt
- Adjustable dust deflector for and dust chute

## EASE OF USE

- Table tilts 45° out and 20° in for all angle finishing operations
- Variable position locks, belt head adjusts vertically, horizontally and in between
- Fine thread adjustment for simple and easy belt tracking
- Plain and compound miters are easily obtained by using the standard die cast aluminum miter gauge
- Removable upper guard for contour finishing
- Miter gauge

STOCK NUMBER	414600	414601
Model Number	J-4300A	J-4301A
Belt Size (W x L / in.)	6 x 48	6 x 48
Belt Speed (sfpm)	2,850	2,850
Belt Table Size (in.)	7-3/8 x 14-3/4	7-3/8 x 14-3/4
Belt Table Tilt (deg.)	45° out and 20° in	45° out and 20° in
Platen (L x W / in.)	6-1/4 x 14-3/4	6-1/4 x 14-3/4
Motor (HP)	1-1/2HP, 115/230V, 1Ph, Prewired 115V	1-1/2HP, 230V, 3Ph
Overall Dimensions (L x W x H / in.)	26 x 19 x 58	26 x 19 x 58
Net Weight (lbs.)	215	215



# 3" x 79" BELT GRINDER



414610

## DURABILITY

- Sturdy enclosed base
- Fully assembled for immediate use

## SAFETY

- JET exclusive spark arrester to prevent sparks from flying while using the full length of the belt

## EASE OF USE

- Pivots up and down on base for easy and safe work height adjustments
- Hinged top cover opens for access to grind large pieces using the entire length of the belt
- Advanced belt tracking with vented front wheel fixed in place for rigidity when grinding on the wheel radius
- Locking handle for top cover
- 3" Round connector and hose clamp for ease of mounting to a metalworking dust collection system
- Supplied with 3 extra 80 grit silicon carbide belts standard

STOCK NUMBER	414610	414615
Model Number	BG-379-1	BG-379-3
Belt Size (W x L / in.)	3 x 79	3 x 79
Belt Speed (sfpm)	6,600	6,600
Contact Wheel Size (W x Dia. / in.)	3 x 8	3 x 8
Full Grinding Plane (W x L / in.)	3 x 21	3 x 21
Motor (HP)	4HP, 220V, 1Ph	4HP, 220V, 3Ph
Net Weight (lbs.)	200	210



# 2" x 72" SQUARE WHEEL BELT GRINDER



## DURABILITY

- Flat & Angular Stock: Platen setting is the perfect angle for high speed, precision flat and level grinding

## SAFETY

- Fully guarded cover

## EASE OF USE

- Shaping: For grinding, and refinishing cylindrical shapes. Yoke surface conforms to shape of the surface to produce an even, smooth finish
- Roughing: Serrated contact wheel is used for removing heavy stock, cleaning up a weld or snagging a casting
- Contouring: Grind difficult to reach areas with the 3" x 2" or 1-1/2" x 2" diameter contact wheels

STOCK NUMBER		577000
Model Number		J-4103
Belt Size (W x L / in.)		2 x 72
Belt Speed (sfpm)		4,600
Contact Wheel Diameter (in.)		8 x 2; 3 x 2; 1-1/2 x 2
Contact Wheel Durometer		70
Motor (HP)		1HP, 115/230V, 1Ph, Prewired 115V
Overall Dimensions (L x W x H / in.)		17 x 31 x 17
Net Weight (lbs.)		163



BELT TENSIONING  
ADJUSTMENTS



WORK REST



UPPER COVER



USA MADE BALDOR MOTOR



# NEW

## THREE WHEEL BELT GRINDERS

### DURABILITY

- Heavy-duty casted body for years of grinding
- Die casted belt lever
- Vented full motor shroud keeps all dust and chips away from the motor shaft
- Thermal reset keeps the motor from overheating

### SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Grinders are CSA/CUS certified
- Innovative safety guarding
- New-Innovative dust port sends all sparks to rear of the grinder and away from the operator
- Power switch with safety key prevents accidental start up

### EASE OF USE

- New belt tensioning that is innovative and easy to use
- Tool-less setting of the tool rest and platen saves the operator set up time



577100

STOCK NUMBER	577100	577125	577150	577153
Model Number	BGB-142	BGB-248	BGB-260-1	BGB-260-3
Belt Diameter (in.)	1 x 42	2 x 48	2 x 60	2 x 60
Belt Speed (sfpm)	5,500	6,000	8,000	8,000
Contact Wheel Diameter (in.)	4-3/4 x 2	5 x 2	7 x 2	7 x 2
Electrics	3/4HP, 115/230V, 1Ph	1HP, 115/230V, 1Ph	1-1/2HP, 115/230V, 1Ph	3HP, 230/460V, 3Ph
Prewired	115V	115V	115V	230V
Overall Dimensions (D x W x H / in.)	20-17/32 x 18-5/8 x 20-5/16	20-5/8 x 19 x 22-11/32	23-3/32 x 21 x 26-11/16	23-3/32 x 21 x 26-11/16
Net Weight (lbs.)	132	154	189	189
Shipping Weight (lbs.)	145	168	207	207



# 20" DISC GRINDER

## DURABILITY

- Rigid column and heavy-duty base
- Direct drive motor

## SAFETY

- Equipped with low voltage protection on/off switch which trips to the off position when the voltage drops below a predetermined safe level
- Wrap-over guard for added safety
- Foot brake for rapid braking

## EASE OF USE

- Extra large tilting table lowers completely below disc for use of the entire disc surface
- Tilting table capability adds flexibility of 45° forward and 15° backward on positive lock rack and gear
- Miter gauge
- Enclosed dust port



577010

STOCK NUMBER	577010	577011
Model Number	J-4421-2	J-4421-4
Disc Diameter (in.)	20	20
Disc Speed (rpm)	1,725	1,725
Disc Table Size (L x W / in.)	27-1/2 x 10-1/2	27-1/2 x 10-1/2
Table Slots (in.)	3/8 x 3/4	3/8 x 3/4
Disc Table Tilt (deg.)	45° out, 15° in	45° out, 15° in
Motor (HP)	3HP, 220V, 3Ph	3HP, 460V, 3Ph
Overall Dimensions (L x W x H / in.)	30 x 28 x 53	30 x 28 x 53
Net Weight (lbs.)	400	400





# 12" INDUSTRIAL DISC FINISHING MACHINE

## DURABILITY

- Heavy-duty one-piece steel stand with leveling feet
- Fully machined, balanced disc runs vibration free

## EASE OF USE

- Optimum speed of 1,960 RPM, which is ideal for both metal and wood finishing
- Easy to read scale shows exact degree of table tilt
- Plain and compound miters are easily obtained by using the standard die-cast aluminum miter gauge



STOCK NUMBER		414602
Model Number		J-4400A
Disc Diameter (in.)		12
Disc Speed (rpm)		1,960
Disc Table Size (L x W / in.)		12 x 16-3/8
Table Slots (in.)		3/8 x 3/4
Disc Table Tilt (deg.)		45° out and 20° in
Motor (HP)		1-1/2HP, 115/230V, 1Ph, Prewired 115V
Overall Dimensions (L x W x H / in.)		29 x 17 x 42-3/4
Net Weight (lbs.)		164



**NEW**

# INDUSTRIAL VARIABLE SPEED GRINDER



## DURABILITY

- Cast iron guards house the 36 and 60 grit wheels
- Adjustable cast iron tool rests
- Massive cast iron body
- Totally enclosed pre-lubricated ball bearings
- Wheel dresser

## SAFETY

- CSA/US: Following strict guidelines and electrical requirements, this JET Industrial Variable Speed Grinder is CSA/US certified
- Brake resistor added for rapid wheel stoppage
- Large eye safety shields
- Rubber mounts prevent movement

## EASE OF USE

- Variable speed provides wide range of RPM's
- Single dust chute hose
- Two 2-1/2" round dust ports with single outlet collection hose

STOCK NUMBER 578208	
Model Number	IBG-8VS
Shaft Diameter (in.)	5/8
Wheel Diameter (dia. x W / in.)	8 x 1 X 5/8
Wheel Speed (rpm)	900 - 3600
Wheel Grits	36 / 60
Motor (HP)	100 - 240 , Single Phase, Pre-wired 115V
Overall Dimensions (L x W x H / in.)	21.1 x 13.8 x 13.9
Net Weight (lbs.)	66



NEW

## INDUSTRIAL VARIABLE SPEED BUFFER



### DURABILITY

- Massive cast iron body
- Totally enclosed pre-lubricated ball bearings

### SAFETY

- CSA/US: Following strict guidelines and electrical requirements, this JET Industrial Buffer is CSA/US certified
- Brake resistor added for rapid wheel stoppage
- Rubber mounts prevent movement

### EASE OF USE

- Variable speed provides wide range of RPM's

STOCK NUMBER	578218
Model Number	IBG-8VSB
Shaft Diameter (in.)	5/8
Buffing Wheel Diameter (dia. x W /in.)	8 x 1/2
Wheel Speed (rpm)	900 - 3600
Buffing Wheel Type	Spiral/Half Spiral
Motor (HP)	1 HP, 115/230V , Single Phase, Pre-Wired 115V
Overall Dimensions (L x W x H / in.)	23-1/2 x 8 x 10-9/16
Net Weight (lbs.)	40



# INDUSTRIAL BENCH GRINDERS

## DURABILITY

- Heavy-duty capacitor motor
- Sealed bearings for years of maintenance free grinding
- Industrial strength construction for years of demanding use
- Fine and coarse vitrified grinding wheels

## SAFETY

- CSA/CUS: Following strict guidelines and electrical requirements, these JET Industrial Bench Grinders are CSA/CUS certified
- Innovative safety guarding
- Safety switches on 8" & 10"
- Low voltage protection on 12"
- OSHA compliant
- Adjustable safety shields

## EASE OF USE

- Pre-drilled bases for mounting on stand, work benches or dust collection stands
- Adjustable tool rests
- Single dust chute hose
- Wheel dresser



578008

STOCK NUMBER	578008	578010	578012
Model Number	IBG-8	IBG-10	IBG-12
Shaft Diameter (in.)	5/8	1	1-1/4
Wheel Diameter (Dia. x W / in.)	8 x 1	10 x 1	12 x 2
Wheel Speed (rpm)	3,450	1,720	1,720
Wheel Grits	36 / 60	36 / 60	36 / 60
Motor (HP)	1 HP, 115V, 1Ph	1-1/2 HP, 115V, 1Ph	2 HP, 230V, 1 Ph.
Overall Dimensions (L x W x H / in.)	21 x 14 x 14	24 x 17 x 16	27 x 18 x 18
Weight (lbs.)	64	113	176



# SHOP BENCH GRINDERS



## DURABILITY

- Rubber mounts prevent movement
- Cast iron wheel guards and dust vents
- Fine and coarse vitrified grinding wheels included

## SAFETY

- UL listed
- One-piece quick adjusting spark guards
- Large eye shields with quick adjustment

## EASE OF USE

- Totally enclosed pre-lubricated ball bearings
- Heavy-duty guarded toggle switch on 8" and 10"
- Adjustable tool rests

STOCK NUMBER	577101	577102	577103
Model Number	JBG-6A	JBG-8A	JBG-10A
Shaft Diameter (in.)	1/2	5/8	1
Wheel Diameter (Dia. x W / in.)	6 x 3/4	8 x 1	10 x 1
Wheel Speed (rpm)	3,450	3,450	1,725
Wheel Grits	36/60	36/60	24/46
Motor (HP)	1/2HP, 115V , 1Ph	1HP, 115V, 1Ph	1-1/2HP, 115V ,1Ph
Overall Dimensions (L x W x H / in.)	18 x 10-1/2 x 8-1/2	19 x 12-1/2 x 10	24-1/2 x 12-1/4 x 13
Net Weight (lbs.)	38	60	110



# GRINDING/FINISHING HELPFUL INFO

Every JET machine is designed with the sole intent of making your job easier. Here is some basic and helpful information on all our finishing machines to enhance the user experience.

## GRINDING/FINISHING MACHINES APPLICATIONS

Belt grinding is a versatile process suitable for all kinds of different applications. There are three different applications of the belt grinding technology:

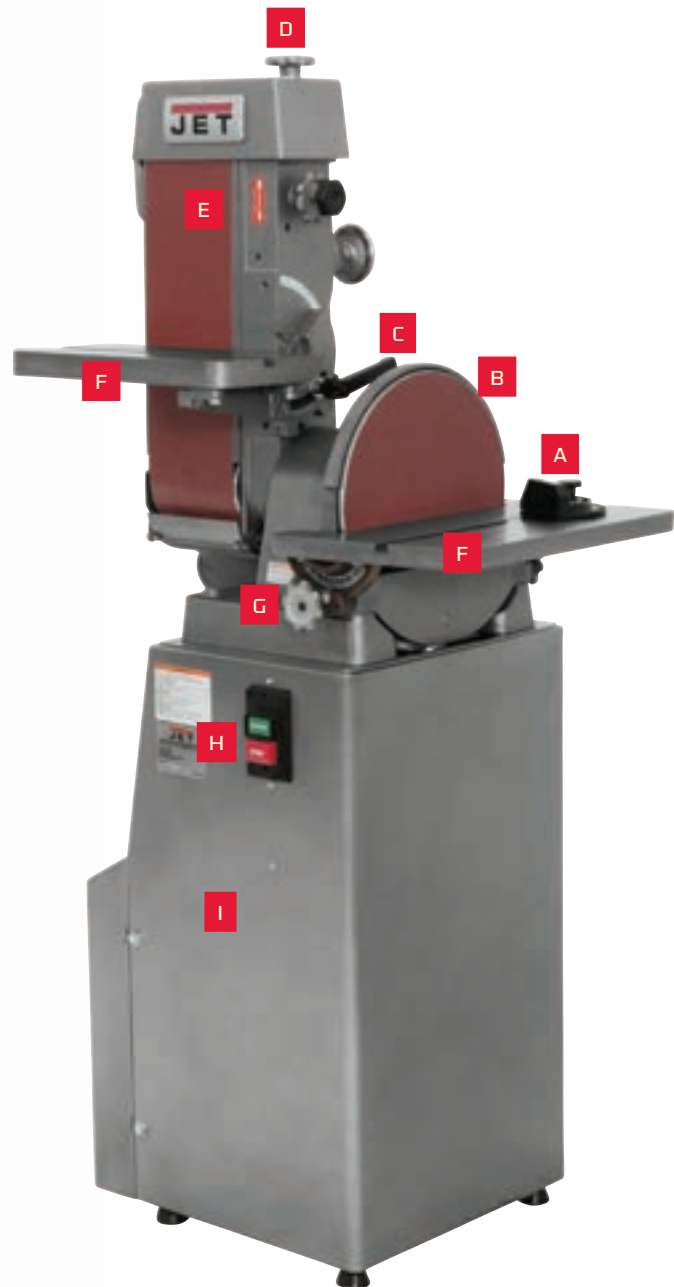
- 1 Finishing: surface roughness, removal of micro burrs, cosmetic finishes, polishing
- 2 Deburring: radiusing, burr removal, edge breaking
- 3 Stock removal: high stock removal, cleaning (e.g. of corrosion), eliminating mill or tool marks, dimensioning

## CHANGING VARIABLES

There are several objectives possible for grinding with coated abrasives. Among them are the right application (e.g. finish or stock removal), time saving and efficiency of the abrasive tool. To achieve the above objectives, it is essential to look in more detail to the variables, which affect them. These include the work material properties, the grit and abrasive type of the grinding belt, belt speed, belt sequences, contact wheel hardness and diameter, serration, type of lubricant (or dry) and grinding pressure. Changing these variables will affect the performances of the belt grinding process.

## COMMON GRINDING/FINISHING TERMINOLOGY

- |                           |                                    |
|---------------------------|------------------------------------|
| A MITER GAUGE             | F ABRASIVE BELT                    |
| B ABRASIVE DISC           | G CAST IRON TILTING TABLES         |
| C VARIABLE POSITION LOCKS | H TABLE LOCKING KNOB               |
| D BELT ADJUSTMENT KNOB    | I ON/OFF SWITCH                    |
| E TOP COVER LOCK KNOB     | J HEAVY-DUTY ONE PIECE METAL STAND |





# 52" HYDRAULIC SHEAR



756206

## DURABILITY

- Heavy-duty steel construction eliminates deflection across the blade span
- Hand-wheel controlled back gauge for quick and easy depth adjustments

## SAFETY

- Easy-to-use foot control with e-stop right in the operators reach

## EASE OF USE

- Precise bed and beam accuracy assures working accuracy
- Low cutting angle to cut narrow strips without twisting
- 14 gauge maximum capacity for cutting mild steel
- 10 – 12 gauge maximum capacity for soft alloys

STOCK NUMBER	756205	756206
Model Number	HS1452-1T	HS1452-3T
Max. Soft Alloy Capacity (ga.)	10 - 12	10 - 12
Mild Steel Capacity (ga.)	14	14
Shearing Length Capacity (in.)	52	52
Back Stop Capacity (in.)	25-1/2	25-1/2
Front Stop Capacity	23-1/2"	23-1/2"
Strokes per Minute (full length)	20	20
Motor (HP)	3HP, 220V, 1Ph	3HP, 220V, 3Ph
Overall Dimensions (L x W x H / in.)	62 x 77 x 42	62 x 77 x 42
Net Weight (lbs.)	1,335	1,335



# 52" PNEUMATIC SHEAR



## DURABILITY

- High-quality cast-iron grade frame to eliminate deflection across the blade-span and blade framework
- Precise bed and beam alignment assures working accuracy

## SAFETY

- Low cutting angle to cut narrow strips without twisting
- Easy-to-use foot control with e-stop right in the operators reach

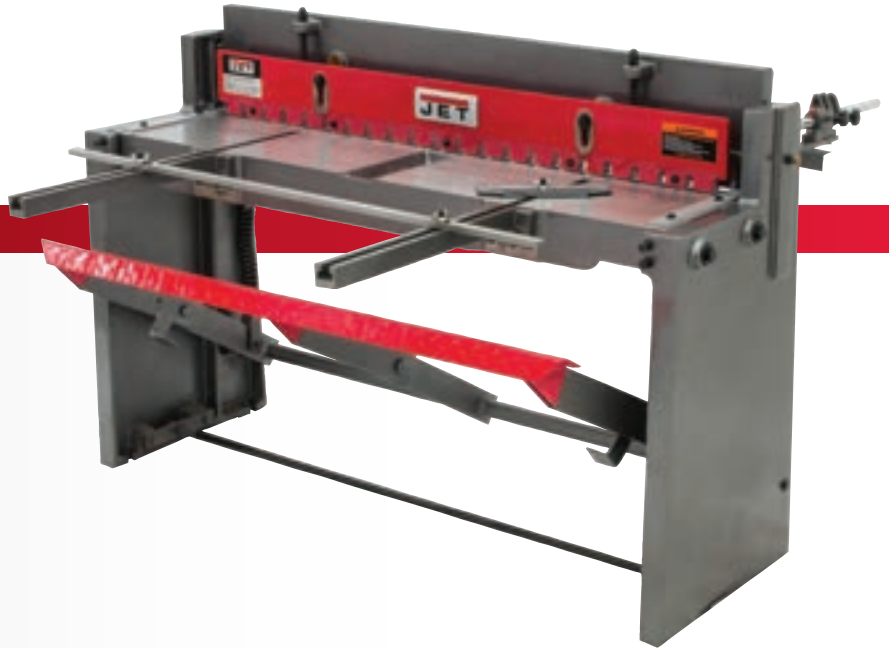
## EASE OF USE

- Adjustable working bed for correct set up according to the blade clearance
- 16 gauge maximum cutting capacity for mild-steel
- 12-14 gauge maximum cutting capacity for aluminum and copper alloys
- Pneumatic controls now makes shearing a one man job

STOCK NUMBER		756203
Model Number		PS-1652T
Max. Soft Alloy Capacity (ga.)		12 - 14
Mild Steel Capacity (ga.)		16
Shearing Length Capacity (in.)		52
Back Stop Capacity (in.)		29-1/2
Front Stop Capacity (in.)		35-1/4
Strokes per Minute (full length)		40
Air Consumption per Stroke (cfm)		1.3
Air Consumption (cfm)		25.3
Overall Dimensions (L x W x H / in.)		60 x 24 x 43
Net Weight (lbs.)		1312



# 52" FOOT SHEAR



## DURABILITY

- Two-way blade configuration provides twice the cutting life
- Upper blade is two-way; bottom blade is one-way
- 2° angle cutting edge; 1° face relief

## SAFETY

- Blade guard

## EASE OF USE

- Scale guides marked for precise cutting.
- Capable of shearing sheet steel, bars plus many non-metallic materials
- Ideal for precision shearing of mild steel up to 16 gauge

STOCK NUMBER		756202
Model Number		FS-1652J
Mild Steel Capacity (ga.)		16
Max. Soft Alloy Capacity (ga.)		14
Shearing Length Capacity (in.)		52
Back Gauge Capacity (in.)		25-1/2
Front Gauge Capacity (in.)		28
Overall Dimensions (L x W x H / in.)		62-1/4 x 72 x 41-1/2
Net Weight (lbs.)		1220



# COMBINATION SHEAR, BRAKE AND ROLL

## DURABILITY

- Cast iron frame and cast iron table
- Dual edge shear blade

## EASE OF USE

- Brake is equipped with easily removable fingers that permit angle, channel, box and other complex bending operations
- Slip rolls are precision turned and ground with wire grooves
- Combination shear, brake and roll in one compact machine
- Spring-loaded work hold down
- Back gauge
- Right or left hand operation
- Shear can be used for mild steel, aluminum, brass, copper, lead, plastic and zinc

## STANDARD EQUIPMENT

- Set of male dies
- One set of female dies



756031

STOCK NUMBER	756031	756041
Model Number	SBR-30M	SBR-40M
Mild Steel Capacity (ga.)	20	20
Shearing Capacity (ga.)	20	20
Bending Capacity (ga.)	20	20
Rolling Capacity (ga.)	20	20
Size of Slip Roll (LxDia./in.)	30 x 1-1/2	40 x 1-5/8
Width of Upper Dies (in.)	1, 2, 3, 6, 8, 10	1, 1-1/2, 2, 2-1/2, 4, 7, 10, 12
Upper Die Height (in.)	4-11/16	4
Min. Forming Radius (in.)	3/4	1
Wire Grooves (in.)	1/8, 3/16, 9/32	3/16, 9/32, 3/8
Base Dimensions (L x W x H / in.)	14-1/2 x 32-3/8	16-1/2 x 43
Overall Dimensions (L x W x H / in.)	40 x 16 x 24	56 x 23 x 30
Net Weight (lbs.)	286	506

OPTIONAL EQUIPMENT	STOCK NUMBER
Floor Stand for SBR-30M	754030
Floor stand for SBR-40M	754040



# NEW

## DUAL SIDED BOX AND PAN BRAKE WITH FOOT CLAMP



### DURABILITY

- All body sections are welded steel plate with heavy truss rods and braces designed to give greater strength and durability
- Hardened and ground fingers

### SAFETY

- Rubber stops on rear of lower arm to prevent contact with support frame
- Non-skid foot pedal

### EASE OF USE

- Set lower beam parallelism more accurately with graduated scale on each side
- Wide assortment of finger widths allow greater versatility in the shop
- Removable upper fingers and on the apron for greater versatility in making custom bends
- Repeat bends are easy with a quick turn of the stop collar on the stop rod
- Hydraulic spring to assist in raising the apron reduces strain on the operator
- Large easy to use foot clamp allows the operator hands free clamping
- Toolless angle stop allows for the operator to easily set the stop to their predetermined length

STOCK NUMBER		752130
Model Number	PBF-1650D	
Mild Steel Capacity (ga.)	16	
Bending Length Capacity (in.)	50	
Maximum Degree of Bend	135°	
Maximum Clamping Bar Lift (foot operated) (in.)	1.81	
Maximum Box Depth (in.)	2-1/2	
Number and Width of Fingers (in.)	1@ 1, 1-1/8, 1-3/8, 1-1/2, 1-3/4, 2, 3, 4, 6, 7-3/4, 10, 10-5/8	
Finger Nose Angle (deg.)	45°	
Nose Radius (in.)	1/32	
Overall Dimensions (L x W x H / in.)	67-3/8 x 28 x 51-1/2	
Net Weight (lbs.)	772	
Gross Weight (lbs.)	849	



# FLOOR BOX AND PAN BRAKES WITH FOOT CLAMP

## DURABILITY

- All body sections are welded steel plate with heavy truss rods and braces designed to give greater strength and durability

## SAFETY

- Material clamping is foot operated to save strain on back and arms
- Hydraulic spring to assist in raising the clamping handle

## EASE OF USE

- Wide assortment of finger widths allow greater versatility in the shop
- Stop rod for repeatable bending
- Conveniently located electrical box allows easy access and quick repairs if ever needed



752125

STOCK NUMBER	752125	752127
Model Number	PBF-1240	PBF-1450
Mild Steel Capacity (ga.)	12	14
Bending Length Capacity (in.)	40	50
Max. Clamping Bar Lift (foot operated) (in.)	1-7/8	1-7/8
Maximum Box Depth (in.)	2-1/2	2-1/2
1Finger @ Width (in.)	1, 1-1/8, 1-3/8, 1-1/2, 1-3/4, 2, 3, 4, 6, 7-3/4, 10-5/8	1, 1-1/8, 1-3/8, 1-1/2, 1-3/4, 2, 3, 4, 6, 7-3/4, 10, 10-5/8
Finger Nose Angle (degree)	42	42
Nose Radius (in.)	1/32	1/32
Overall Dimensions (L x W x H / in.)	58 x 25 x 50	67 x 28 x 50
Net Weight (lbs.)	705	900





# FLOOR MODEL BOX AND PAN BRAKES

## DURABILITY

- All body sections are welded steel plate with heavy truss rods and braces designed to give greater strength and durability
- Both the bed and apron are bored in line to assure the utmost accuracy

## EASE OF USE

- Wide assortment of finger widths allow greater versatility in the shop
- Counter weights can be moved up or down to provide more or less leverage
- To make repeat bends are easy with a quick turn of the stop collar on the stop rod



754110

STOCK NUMBER	754110	754115
Model Number	BP-1248	BPF-16100
Mild Steel Capacity (ga.)	12	16
Bending Length Capacity (in.)	48	100
Maximum Lift of Beam (in.)	1-1/2	2-1/4
Maximum Box Depth (in.)	4	4
Beam Adjustment (in. / front to rear)	7/8	1
Number and Width of Fingers (in.)	5@3, 2@4, 5@5	4@12, 4@6, 3@5, 1@4, 1@3-1/2, 1@3, 1@2-1/2
Finger Nose Angle (deg.)	45	45
Nose Radius (in.)	1/32	1/32
Overall Dimensions (L x W x H / in.)	81.5 x 29 x 69	140 x 30 x 76
Net Weight (lbs.)	1100	2450



# NEW

## 72" BOX AND PAN BRAKES

### DURABILITY

- All body sections are welded steel plate with heavy truss rods and braces designed to give greater strength and durability
- Both the bed and apron are bored in line to assure the utmost accuracy

### SAFETY

- Soft grips on top of counter weight bar to prevent damaging the operator's hands

### EASE OF USE

- Soft touch handle grips
- With all fingers installed it can be used as a full-length nose bar, turning the machine into a straight bending brake
- Wide assortment of finger widths allows greater versatility in the shop
- Repeat bends are easy with a quick turn of the stop collar on the stop rod
- Counter weights can be moved up or down to provide leverage
- Toolless Angle Stop allows for the operator to easily set the stop to their predetermined length



754125

STOCK NUMBER	754125	754130
Model Number	BP-1272	BP-1672
Mild Steel Capacity (ga.)	12	16
Bending Length Capacity (in.)	72	72
Maximum Degree of Bend	135°	135°
Maximum Lift of Beam (in.)	2.2	2.2
Maximum Box Depth (in.)	4	4
Beam Adjustment (in. / front to rear)	2	2
Number and Width of Fingers (in.)	6@3, 3@4, 6@5, 2@6	6@3, 3@4, 6@5, 2@6
Finger Nose Angle (deg.)	45	45
Nose Radius (in.)	1/32	1/32
Overall Dimensions (L x W x H / in.)	100 x 30 x 41	100 x 30 x 41
Net Weight (lbs.)	2182	1960
Gross Weight (lbs.)	2535	2290



# BENCH MODEL BOX AND PAN BRAKE



## DURABILITY

- Incorporates all the features of our standard brakes but with greater range of applications

## EASE OF USE

- With fingers installed it can be used as a full-length nose bar, turning the machine into a straight bending brake
- 16 assorted sized sectioned fingers are easily removed for box bending and special forming operations

STOCK NUMBER		754105
Model Number		BPB-1650
Mild Steel Capacity (ga.)		16
Bending Length Capacity (in.)		50
Maximum Lift of Beam (in.)		1-1/4
Maximum Box Depth (in.)		4
Beam Adjustment (in. / front to rear)		5/8
Number and Width of Fingers (in.)		4@2, 6@3, 6@4
Finger Nose Angle (deg.)		45
Nose Radius (in.)		1/32
Overall Dimensions (L x W x H / in.)		66x 23-1/4 x 32-1/4
Net Weight (lbs.)		448



**NEW**

# 14G x 60" ELECTRIC PLATE ROLLER



## DURABILITY

- Three-roll design with two drive rolls
- Rolls are made of hardened polished high carbon steel
- Heavy-duty frame and base insure precise sheet metal rolling

## SAFETY

- CSA/US: Following strict guidelines and electrical requirements, this JET Plate Roller is CSA/US certified
- Foot-control assembly with emergency-stop
- Integrated safety bar system along entire bending length permits quick stoppage of machine

## EASE OF USE

- Forming roll has attached position scale for equal pressure adjustment
- Weight and rigidity; scale and precision; strength and simplicity define exceptional comfort and ease of operation
- Easy-to-use forward and reverse foot pedal
- Conical attachments for ease of rolling cones, tapers and conicals
- Conveniently located electrical box allows easy access and quick repairs if ever needed

STOCK NUMBER 756030	
Model Number	EPR-1460-3
Mild Steel Capacity (ga.)	14
Maximum Forming Length (in.)	60
Number and Diameter of Rolls (in.)	3 @ 3-1/2
Minimum Forming Radius (in.)	5-1/4
Wire Grooves (in.)	3/8, 1/2 & 5/8
Motor (HP)	2HP, 230/460V, 3-Phase
Prewired	230V
Overall Dimensions (L x W x H / in.)	87-1/2 x 31-1/2 x 48
Net Weight (lbs.)	1345
Gross Weight (lbs.)	1543



# 50" ELECTRICAL POWER SLIP ROLL



## DURABILITY

- Rolls are made of hardened polished high-carbon steel
- Three-roll machine with two driven rolls.
- Heavy-duty frame and base insure precise sheet metal rolling

## SAFETY

- Convenient foot-control assembly with emergency-button
- Easy-to-use forward and reverse foot pedal with e-stop
- Safety bar, when pushed will shut down the machine

## EASE OF USE

- Valuable machine tool for sheet metal forming in HVAC and FAB shops
- Easy setup and operation
- Forming roll has attached position scale for equal pressure adjustment
- Weight and rigidity; scale and precision; strength and simplicity define exceptional comfort and ease of operation
- All electrical and rotating parts are designed for safety and comfortable operation during machine use

STOCK NUMBER	756027	756028
Model Number	ESR-1650-1T	ESR-1650-3T
Mild Steel Capacity (ga.)	16	16
Maximum Forming Length (in.)	50	50
Number and Diameter of Rolls (in.)	3, 3	3, 3
Minimum Forming Radius (in.)	2	2
Wire Grooves (in.)	5/16, 3/8, 1/2	5/16, 3/8, 1/2
Motor (HP)	1-1/2HP, 115/230V, 1Ph Prewired 230V	1-1/2HP, 230V, 3Ph
Overall Dimensions (L x W x H / in.)	71 x 24 x 43	71 x 24 x 43
Net Weight (lbs.)	750	750
Shipping Weight (lbs.)	877	877



# BENCH SLIP ROLLS



756020

## DURABILITY

- Precision turned carbon steel rolls that are ground and polished

## SAFETY

- Large roll adjusting screws facilitate lifting

## EASE OF USE

- Suitable for many industrial, educational and vocational shop uses
- Upper roll for easy material removal
- Wire grooves for bending solid rod

STOCK NUMBER	756020	756026	756050
Model Number	SR-2024M	SR-2236M	SR-1650M
Mild Steel Capacity (gauge/in.)	20	22	16
Max. Forming Length (in.)	24	36	50
Number and Diameter of Rolls (in.)	3 and 2	3 and 2	3 and 3
Min. Forming Radius (in.)	1	1	2
Wire Grooves (in.)	3/16, 1/4, 5/16	3/16, 1/4, 5/16	1/4, 5/16, 3/8
Overall Dimensions (L x W x H / in.)	50 x 14 x 14	62 x 14 x 14	68 x 22 x 24
Net Weight (lbs.)	172	212	565





# FLOOR STANDS FOR BENCH MODEL METALFORMING MACHINES

- We offer stands that fit our bench model hand brakes, box & pan brakes, slip rolls and combination shear, brake and rolls



754024



754036

STOCK NUMBER	754200	754024	754030	754036	754040	754051
Model Number	S-48N	SRS-24N	SRS-30N	SRS-36N	SRS-40N	SRS-50N
Fits	BP-2248H BP-1648H HB-2248H HB-1648H	SR-2024M	SBR-30M	SR-2236M	SBR-40M	SR-1650M
Overall Dimensions (L x W x H / in.)	56-1/2 x 18-1/4 x 28	30 x 14 x 28	40 x 16 x 24	42 x 14 x 28	49 x 21 x 30	68 x 22 x 30
Net Weight (lbs.)	85	35	45	51	82	70



# NEW

## ELECTRIC ROLL BENDER

### DURABILITY

- Heavy-duty cast iron construction machined to strict tolerances with maintain tolerances and accuracy
- Hardened rolling shafts with bronze bushings ensures the machine will last for years of operation

### SAFETY

- CSA/US: Following strict guidelines and electrical requirements, this JET Roller is CSA/US certified
- Foot-control assembly with emergency-stop

### EASE OF USE

- Open face design allows the operator to roll full circles
- Reduction gearbox cuts down on operator fatigue
- Equipped with 6 various size segment rolls for flat bar, square tubing and angle iron
- Base comes standard with a full storage cabinet



STOCK NUMBER 754435	
Model Number	EPR-2
Type	3 Roll Pyramid Style
Operating Positions	Vertical or Horizontal
PIPE CAPACITY (in. / SCHEDULE 40)	
Size	1
Minimum Diameter	0.28
ROUND TUBE CAPACITY (in.)	
Size	1-1/4
Minimum Diameter	31-1/2
SQUARE TUBE CAPACITY (in.)	
Size	1-1/4
Minimum Diameter	35
SOLID ROUND CAPACITY (in.)	
Size	7/8
Minimum Diameter	20
FLAT BAR EASY WAY (in.)	
Size	2
Minimum Diameter	15-3/4
FLAT BAR HARD WAY (in.)	
Size	3/4
Minimum Diameter	6-1/2
ANGLE IRON CAPACITY (in.)	
Size	1-1/4
Minimum Diameter	.30
Shaft Center Distance (in.)	1.18
Lower Roll Diameter (in.)	4.65
Pinch	Single
Shaft Speed (rpm)	2 Speed, 6/12
Electrics	1HP, 230V, 3-Phase
Overall Dimensions (L x W x H / in.)	57-7/8 x 22-53/64 x 21-21/32
Net Weight (lbs.)	420
Gross Weight (lbs.)	435



# NEW

## MANUAL ROLL BENDER

### DURABILITY

- Heavy-duty cast iron construction machined to strict tolerances with maintain tolerances and accuracy
- Hardened rolling shafts with bronze bushings ensures the machine will last for years of operation

### EASE OF USE

- Toolless angle stop
- Soft touch handle grips
- With all fingers installed it can be used as a full-length nose bar, turning the machine into a straight bending brake
- Wide assortment of finger widths allows greater versatility in the shop
- Repeat bends are easy with a quick turn of the stop collar on the stop rod
- Counter weights can be moved up or down to provide leverage



STOCK NUMBER		754430K
Model Number	MPR-10V	
Type	3 Roll Pyramid Style	
Operating Positions	Vertical	
PIPE CAPACITY (in. / SCHEDULE 40)		
Size	1	
Minimum Diameter	28	
ROUND TUBE CAPACITY (in.)		
Size	1-1/4	
Minimum Diameter	31-1/2	
SQUARE TUBE CAPACITY (in.)		
Size	1-1/4	
Minimum Diameter	35	
SOLID ROUND CAPACITY (in.)		
Size	7/8	
Minimum Diameter	20	
FLAT BAR EASY WAY (in.)		
Size	2	
Minimum Diameter	15-3/4	
FLAT BAR HARD WAY (in.)		
Size	3/4	
Minimum Diameter	6-1/2	
ANGLE IRON CAPACITY (in.)		
Size	1-1/4	
Minimum Diameter	30	
Shaft Center Distance (in.)	1.18	
Lower Roll Diameter (in.)	4.65	
Pinch	Single	
Overall Dimensions (L x W x H / in.)	57-7/8 x 22-53/64 x 21-21/32	
Net Weight (lbs.)	408	
Gross Weight (lbs.)	435	

