

DAKE

®

a JSJ business

Industrial Strength Machines



800.937.3253
www.dakecorp.com

Arbor Presses

An Icon in American Manufacturing Plants for Over 100 Years.

Single Leverage

The press you'll find in just about every manufacturing plant in the country.



- Adjustable handle
- Base opening and slotted table plate (solid table models also available)
- One to three ton capacities available

Model Y



- Handwheel for quick ram advance
- Ratchet device permits lever to be used in most convenient position
- Counterweight returns lever quickly after downstroke
- Three to five ton capacities available

Model 1½C

Compound Leverage

Steps up the pressure for heavier press work.



- Compound leverage mechanism allows greater pressure with minimum effort
- Sliding pin easily converts press from compound to single leverage
- Six to fifteen ton capacities available

Model 4

Drill Presses

Bench and Floor Models

Modern design with the operator in mind. The most durable drill presses on the market today.

- Locking handle hub with convenient dial-in adjustment
- CE electrical package for safety
- Large diameter sturdy spindle for rigid drilling. Four bearing points for smooth operation
- Massive cast head, machined column & base
- Quick bit changes with standard Morse Taper (MT)
- Quick-release belt tensioning and speed adjustments



Model TB-16

Model SB-25

Belt Grinder

Heavy Duty Belt Grinder

A true industrial-strength grinder, with 6,600 fpm grinding speed for maximum efficiency.

- Pivots up and down on the base for easy, ergonomic work height adjustments
- Advanced belt tracking with vented front wheel fixed in place for rigidity when grinding on the wheel radius
- Hinged top cover opens for access to grind large pieces using the entire length of the belt
- Adjustable parts rest and backing plate with Plexiglas shield to keep the part being ground steady and in place



Model G-75

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Hydraulic Presses

Dura Press/Three Phase 40 to 100 Ton Capacity

The price leader for a total capability press.

- Double-acting cylinder with five-part oil seals for smooth operation and tight seal
- Hydraulically lifted table
- Welded heavy steel plate frame
- 24V electrical controls
- Two speeds—rapid advance to work contact, automatically shifts to pressing
- 2HP or 3HP submerged motor drives two centrifugal pumps (100 ton has three)



Model Force 100

Dura Press/Single Phase 10 to 50 Ton Capacity

Designed to work the way you work. These single-phase Dura Presses feature an electric power unit, lever control ram advance, a double-acting cylinder, and one hand ram positioning.

- Low pressure hydraulic system for longer component life
- Combination table plate/V-blocks are standard equipment
- Sturdy welded steel channel frame
- Lifting chain for 25 and 50 ton models



Model Force 50DA

Dura Press/Manual 10 & 20 Ton Capacity

Affordable, easy-to-use, heavy duty manual Dura Press. These Dura Presses feature a simple, single-acting cylinder with an efficient hand pump.

- Single-acting cylinder with five-part oil seals
- Welded heavy steel plate frame
- Conveniently located hand pump
- Each full stroke of the pump advances the ram 1/4"
- Preset and factory-sealed relief valve



Model Force 10M

Utility Hydraulic Press 10 Ton Capacity

The power of hydraulic pressure in a compact design.

- Fast, efficient single-speed hand pump with adjustable mounting
- Convenient top mounted gauge reads in tons and psi
- Table can be adjusted for maximum or minimum vertical opening to accommodate a variety of work pieces and to minimize required ram travel
- Large diameter, single-acting polished piston
- The hydraulic pressing cylinder can be relocated right or left of center for unusual work pieces



Model F-10

H-Frame/Hand Operated 25 to 150 Ton Capacity

Our most popular selling hydraulic press model. These manually operated presses feature performance and economy.

- Movable workhead (25 ton model is stationary)
- Adjustable table
- Rapid screw traverse of ram
- By-pass hole prevents excessive ram extension



Model 50H

H-Frame/Air Operated 25 to 200 Ton Capacity

Takes all the physical effort out of hand pumping. Can double pressing speed.

- Eliminates the need for hand pumping
- Rapid ram approach quickly moves ram to work
- Stroke indicator ensures accurate ram control
- Movable workhead

Model 6-250

Elec-draulic I & II 25 to 200 Ton Capacity

Elec-draulic I

An advanced design, single-acting press with fingertip control.

- Rapid ram approach
- Variable ram speed
- Lateral workhead travel

Elec-draulic II

For super-sensitive, double-acting ram control and simple operation.

- Four-way valve control
- Controls mounted on side frame
- Optional flange for mounting tooling



Model 5-075

Other Presses

Movable Table 25 to 150 Ton Capacity

Table rolls out to load heavy or awkward work, then returns easily into pressing position.

- Movable table
- Toggle clamps lock table
- Adjustable workhead height
- Hand, Air, Elec-Draulic I or Elec-Draulic II models available

Model 42-502



C-Frame 4 to 12 Ton Capacity

High speed, low cost, and ready for any press work you can imagine.

- Light-sensitive thumb pads
- Run-jog selector
- Remote pressure adjustment
- Programmable controls
- Cartridge-type hydraulic manifold

Model 28-608



Tire Press 150 Ton Capacity

Removes tires from wheels quickly and easily. Electric, air, or gasoline powered.

- Head channel provides 15" of travel for easy set up
- Pressing rings for all standard tire sizes
- 7 $\frac{3}{4}$ " ram provides platen stability and longer seal life
- Removable pins allow head channel to be set in four different positions

Model 33-587



Cold Saws

Manual Cold Saw

Provides the finest, high-tolerance mill grade cuts of any cold saw on the market.

- 45° right/left miter cutting (Model 350 rotates 90°)
- Adjustable hinged pivot
- Oversized steel spindle and bronze gear assembly
- Cam-activated vise with gib adjustment and anti-burr arm
- Mechanical coolant pump with flow control adjustment
- Model 350CE has three speeds

Model 350CE



Euromatic Semi-Automatic/Post

A workhorse saw that's user friendly for set up and operation.

- 45° right and up to 90° left miter cutting
- 6" remnant
- Three gib guides for the cutting head with two adjustable cast iron gib blocks
- 12" or 14½" blade size
- Vise features adjustable gib guides, removable face plates, and anti-burr arm
- Hood has electrical interlocks and shock assists

Model Euromatic 370S



Technics Semi-Automatic and Automatic/Pivot

Start with push button semi-automatic and upgrade later to automatic feed. These Technics Cold Saws can be configured as semi-automatic or automatic.

- Oversized pedestal base reduces vibration
- Head rotates 45° right and 60° left of center for easy miter cutting
- Adjustable clutch for more efficient operation and blade life
- Removable hardened, serrated vise jaw faces
- Shroud enclosed feed cylinder with sliding cams for fast cutting stroke adjustment
- Additional ball bearing support of hardened and ground spindle shaft to prevent failure
- Adjustable pneumatic vise with sliding gib to true up clamping under blade with ¼ stroke

Model Super Technics 350SA



Euromatic Automatic/Post

A high-production cold saw with aggressive precision and stamina.

- Self-adjusting gripper-type feeder vise on 1½" hardened rails
- 20" shuttle feed system
- Adjustable feeder speed
- LED amp meter for blade protection
- Air tank for equalized air pressure and reserve air source

Model Euromatic 370PP



Horizontal Bandsaws

Dake/Johnson Standard Duty

These portable, medium duty saws work harder, because they're built better.

- Accurate cutting
- Operator safety
- Quick release vise
- Wet/dry cutting with coolant pump system
- Rugged gear box
- Hydraulic control for cutting stock at variable rates and to lock head at any height
- Convenient chip brush blade cleaner, storage in base and wheels that roll easily
- Simple operation



Model SE712

Dake/Johnson Heavy Duty

These heavy duty saws with a dual cast head frame are able to handle large capacities.

- Large capacity; 10" rounds, 18" flats
- Extreme strength and double-frame construction
- Three-point suspension
- Four-speed drive and accurate hydraulic control
- Heavy duty 16" blade wheels and enclosed gear case
- 45° swivel vise jaws



Model JH10W

Dual Mitering

Industrial strength bandsaw handles high-demand fabrication.

- Hydraulic head return: hydraulic cylinder raises massive cutting head
- Vises—Quick set locking for convenient positioning and fast set ups
- CE certified electrical—Low voltage controls, thermo overload, and low voltage coil
- Stock stop
- Head feed—Hydraulic-regulated cutting head decent speed
- Recirculating coolant system
- Multimode feature

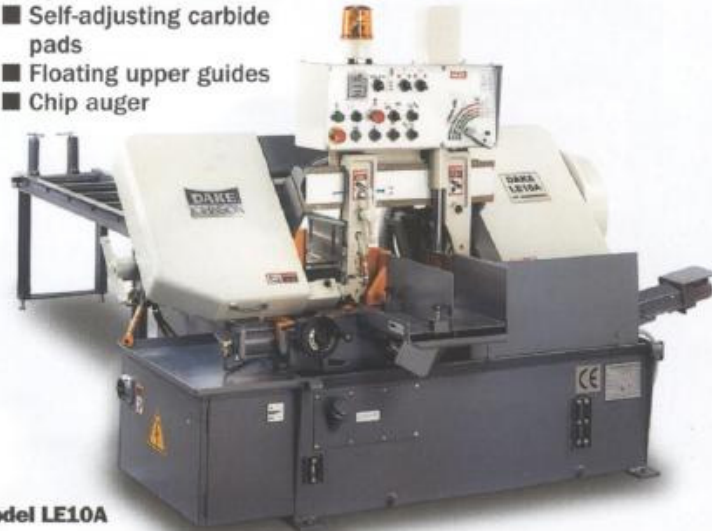


Model SAR 440SA

Dake/Johnson Fully Automatic

An unbeatable combination of cutting precision and operator convenience for heavy duty high production.

- 10" and 13" round cutting capacity
- Hydraulics on demand
- Self-adjusting carbide pads
- Floating upper guides
- Chip auger



Model LE10A

Vertical Bandsaws

Dake/Parma Work-a-Matic SXC

Great for production and model shops. These SXC Parma vertical bandsaws have what you need: gravity feed, fast set up, a variable feed rate system, low voltage controls, and enclosed guarding.

- Gravity feed—blade feeds into material via gravity
- Front mounted hydraulic controls
- Thermal overload and E-stop

Model SXC



Dake/Parma Trademaster

Industrial bandsaws engineered for performance.

- Designed for high performance at a low price
- 4 speeds that are easily adjusted
- Blade changes are quick and easy
- Blade welder (optional)

Model Trademaster

Dake/Johnson Industrial Saws

For job shop or low production service, Dake has bandsaw models for all materials.

- Quick blade changes with easy access to band wheels
- Easy-to-read tachometer and blade tension indicator
- Steel base outweighs comparable competitive models
- Heavy cast table
- Low voltage controls, main power lock out switch, and interlocks on all doors

Model VH-24



AutoFeed Systems



Automatic Stop
Model FS60

Heavy-duty Automatic Stop/Pushing Systems

Ideal for saw, punch, drill and iron worker applications. Offers a cost-effective way to boost production and save money.

- Increase accuracy, efficiency and cycle times
- Horizontal pneumatic gripper
- Precision linear steel guide rails with rack and cable trays
- Carriage with hardened double ball bearings
- Linear encoder for direct measuring
- Steel faceplate with manual arm lift, adjustable in X/Y/Z directions
- Position controller for single position with manual mode, inch/metric conversion and automatic arm retract
- Motor brake for secure positioning



Manual Stop
Model DS60

Tube Benders

Hydraulic Vertical

Designed to bend $\frac{3}{4}$ " to 2" material up to 90° in one operation and is a must for any manufacturing/fabrication shop.

- Full welded frame
- Rollers for follow bar
- Full-length follow bar with holder
- Minimal bench space (6x6.5")
- Angle finder provided
- Heat-treated aluminum dies, guaranteed as long as you own your bender
- Choice of one of 26 standard dies
- Steel slip plate
- Bends tubing, pipes, square and flat stock



Model HV200



Standard Dies & Die Sets (for Model HV200)

- Choose one of 26 standard dies
- Available for 4", 5", 6" and 7" radius
- For $\frac{3}{4}$ " tubing up to 1 $\frac{3}{4}$ " pipe

Manual Tube Bender

- The strongest, most versatile, compact hand bender available.
- Bends: round tubing ($\frac{3}{8}$ " to 1"); square tubing ($\frac{3}{8}$ " to 1"); schedule 40 pipe ($\frac{3}{8}$ " to 1"); flat stock die (up to 1 $\frac{1}{2}$ "x $\frac{3}{4}$ "); and solid, round, and square to $\frac{3}{4}$ "
- Includes choice of one of 17 standard dies



Model MB100

Tube Notcher

- Exclusive needle-bearing design
- Convenient grease fittings for dependability and durability
- Makes perfect fits on tubing from $\frac{5}{8}$ " to 2 $\frac{1}{8}$ "
- Angle cuts to 60°
- Can be used in a hand drill or drill press
- The strongest joints are made with a perfect fit!



Model TN225

Laboratory Presses

25 Ton to 75 Ton Capacities

For compression molding, laminating, testing and more.

- Perfect for testing, short-run production, rubber, and plastic molding
- Electrically heated platens
- Precise temperature control
- Available in 25, 50 and 75 ton models with a variety of platen sizes



Model 44-225

Power Hammer

Ideal tool for fabricating one-of-a-kind or impossible-to-find replacement parts.

- Design and form custom hot rod, motorcycle, aviation, and sheet metal parts in your own shop
- 11 gauge aluminum capacity (annealed 3003H14)
- 16 gauge steel capacity
- Wheels on base included for portability and storage
- 7" maximum opening with infinitely adjustable bottom die holder



Model H100