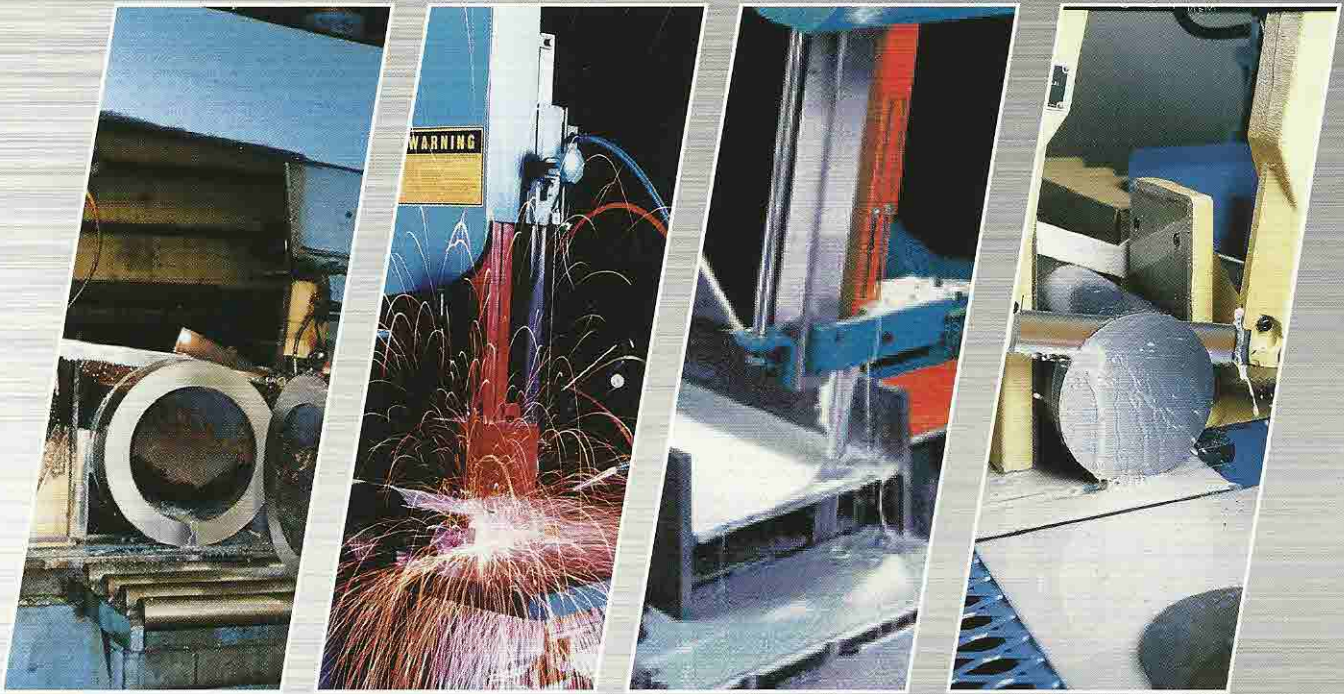




**SAWING PRODUCTS**

# SAWING MACHINES



General Purpose  
Vertical Contour  
Miter Cutting  
Production Power

Solutions For **ALL** Your Sawing Needs



# Solutions for **ALL** your sawing needs...



Whether your needs are for a sawing machine to handle high production cut off work in metal service centers or manufacturing plants, or for occasional use in the maintenance department or tool-room, there's a DoALL saw that will meet your specific requirement.



Our wide range of sawing machines include general purpose saws, vertical contour saws, miter cutting saws, and production power saws with capacities up to 32-in. diameter. The following pages provide an overview of our standard machine product offering.



For more complete information or to inquire about custom machines, contact your DoALL Sawing Products distributor, call us at 1-888-DoALLSAW, or visit us on the web at [www.doallsawing.com](http://www.doallsawing.com).

## GENERAL PURPOSE SAWS

In machine shops, tool rooms, maintenance departments and low volume production operations, nothing beats general purpose DoALL saws for long life reliability and accuracy. They are available in cut off, vertical contour and miter cutting models for sawing a wide range of materials from plastic to wood to aluminum and tool steel.



400A

## Cut Off Saws



C-430A

Sawing Questions?  
**ask "SAM"**  
 DoALL's Solutions & Applications  
 Manager  
 SAM Hotline: 888-DoALLSAW  
[www.doallsawing.com](http://www.doallsawing.com)

Specification/Model	400M	400A	C-430A
Capacity Round (in)	10-3/4	10-3/4	17
Capacity Round (mm)	273	273	430
Capacity Rectangle (in)	10 x 16	10 x 16	17 x 17
Capacity Rectangle (mm)	254 x 406	228 x 406	430 x 430
Blade Size (in)	1 x 158	1 x 158	1-1/4 x 189
Blade Size (mm)	27 x 4,015	27 x 4,015	34 x 4,800
Band Drive (HP)	2	3	5
Band Drive (kw)	1.5	2.3	3.7
Speed (fpm)	105 to 275	50 to 400	60 to 400
Speed (m/min)	32 to 84	15 to 120	18 to 120





## SAWING PRODUCTS

### Vertical Contour Saws



2013-V



3613-1

### Miter Cutting Saws



400S

500DS



TF-1822M

500S



Specification/Model	2013-V	3613-1
Throat Depth (in)	20	36
Throat Depth (mm)	508	915
Max. Work Height (in)	13	13
Max. Work Height (mm)	330	330
Blade Size (in)	1/16-1 x 154	1/16-1 x 199
Blade Size (mm)	1.5-27 x 3,910	1.5-27 x 5,055
Band Drive (HP)	2	3
Band Drive (kw)	1.5	2.2
Speed (fpm)	55-300/960-5,200	55-300/960-5,200
Speed (m/min)	17-90/292-1,585	17-90/292-1,585

Specification/Model	400S	500DS	500-S	TF-1822M
Capacity Round @ 90 Deg (in)	10-3/4	14	14	18
Capacity Round @ 90 Deg (mm)	273	355	355	455
Capacity Rectangle @ 90 Deg (in)	10 x 16	14 x 20	14 x 19	18 x 22
Capacity Rectangle @ 90 Deg (mm)	254 x 406	355 x 500	355 x 482	455 x 560
Capacity Round @ 45 Deg (in)	10-3/4	14	14	15
Capacity Round @ 45 Deg (mm)	273	355	355	355
Capacity Rectangle @ 45 Deg (in)	10 x 10-3/4	14 x 14	14 x 14	15 x 18
Capacity Rectangle @ 45 Deg (mm)	254 x 273	355 x 355	355 x 355	381 x 457
Capacity Round @ 60 Deg (in)	NA	8	8	10-1/4
Capacity Round @ 60 Deg (mm)	NA	203	203	260
Capacity Rectangle @ 60 Deg (in)	NA	14 x 8	14 x 8	10-1/4 x 18
Capacity Rectangle @ 60 Deg (mm)	NA	355 x 203	355 x 203	260 x 457
Blade Size (in)	1 x 158	1-1/4 x 197	1-1/4 x 197	1 x 195
Blade Size (mm)	27 x 4,015	33 x 5,003	33 x 5,003	27 x 4,953
Band Drive (HP)	2	3	3	5
Band Drive (kw)	1.5	2.25	2.25	3.7
Speed (fpm)	105 to 275	50 to 400	50 to 400	65 to 385
Speed (m/min)	32 to 83	15 to 120	15 to 120	20 to 115



# Solutions for **ALL** your sawing needs...

## VERTICAL CONTOUR SAWS

Among the most versatile machine tools available, vertical contour saws, can saw, file or polish aluminum, brass, copper, mild steel, tough tool steel, stainless steel and sheet metal as well as cut non-metals like plastics, wood, paper and fibrous materials. Plus, they're available with a wide variety of attachments that permit contour cutting, mitering, disc cutting and more.

### 20-in. Throat Depth



Specification/Model	2013-V3	2013-V5	2012-VH
Throat Depth (in)	20	20	20
Throat Depth (mm)	508	508	508
Max. Work Height (in)	13	13	12
Max. Work Height (mm)	330	330	305
Blade Size (in)	1/16-1 x 154	1/16-1 x 154	1/16-1 x 154
Blade Size (mm)	1.5-27 x 3,910	1.5-27 x 3,910	1.5-27 x 3,910
Band Drive (HP)	3	5	3
Band Drive (kw)	2.3	3.7	2.2
Speed (fpm)	50-320/550-5,500	550-5,500	30-320/550-5,500
Speed (m/min)	9-98/168-1,675	168-1,675	9-98/168-1,675

### 36-in. Throat Depth



Specification/Model	3613-V3	3613-V5	3612-VH
Throat Depth (in)	36	36	36
Throat Depth (mm)	915	915	915
Max. Work Height (in)	13	13	12
Max. Work Height (mm)	330	330	305
Blade Size (in)	1/16-1 x 199	1/16-1 x 199	1/16-1 x 199
Blade Size (mm)	1.5-27 x 5,055	1.5-27 x 5,055	1.5-27 x 5,054
Band Drive (HP)	3	5	3
Band Drive (kw)	2.2	3.7	2.2
Speed (fpm)	30-320/550-5,500	550-5,500	30-320/550-5,500
Speed (m/min)	9-98/168-1,675	168-1,675	9-98/168-1,675

Specification/Model	ZV-3620
Throat Depth (in)	35-1/4
Throat Depth (mm)	895
Max. Work Height (in)	20
Max. Work Height (mm)	510
Blade Size (in)	1/16-1 x 234
Blade Size (mm)	1.5-27 x 5,945
Band Drive (HP)	15
Band Drive (kw)	11.1
Speed (fpm) Specify:	1,000-15,000
Speed (m/min) Specify:	305-1,220



ZV-3620





## SAWING PRODUCTS

### MITER CUTTING SAWS

Available in tilt-frame or swivel head configurations, DoALL miter cutting saws will increase flexibility and improve efficiency in fabrication shops or in other sawing applications requiring the cutting of miters. Models feature cutting capacities to 26-in. diameter rounds and rectangles to 26 x 39-1/2-in. with angle cutting capabilities to 60°.

#### Tilt Frame Saws



TF-2025NC



TF-2025M

Specification/Model	TF-2025M	TF-2025NC	TF-2525
Cap. Round @ 90 Deg (in)	20	20	25
Cap. Round @ 90 Deg (mm)	510	510	635
Cap. Rectangle @ 90 Deg (in)	20 x 25	20 x 25	25 x 25
Cap. Rectangle @ 90 Deg (mm)	510 x 635	510 x 635	635 x 635
Cap. Round @ 45 Deg (in)	17	17	17-1/4
Cap. Round @ 45 Deg (mm)	430	430	430
Cap. Rectangle @ 45 Deg (in)	17 x 20	17 x 20	25 x 17
Cap. Rectangle @ 45 Deg (mm)	430 x 510	430 x 510	635 x 430
Cap. Round @ 60 Deg (in)	11	11	-----
Cap. Round @ 60 Deg (mm)	280	280	-----
Cap. Rectangle @ 60 Deg (in)	11 x 20	11 x 20	-----
Cap. Rectangle @ 60 Deg (mm)	275 x 510	275 x 510	-----
Blade Size (in)	1-1/4 x 209	1-1/4 x 209	1-1/2 x 209.5
Blade Size (mm)	33 x 5,310	33 x 5,310	38 x 5,320
Band Drive (HP)	10	10	10
Band Drive (kw)	7.5	7.5	7.5
Speed (fpm)	50 to 400	50 to 400	60 to 300
Speed (m/min)	15 to 120	15 to 120	18 to 90

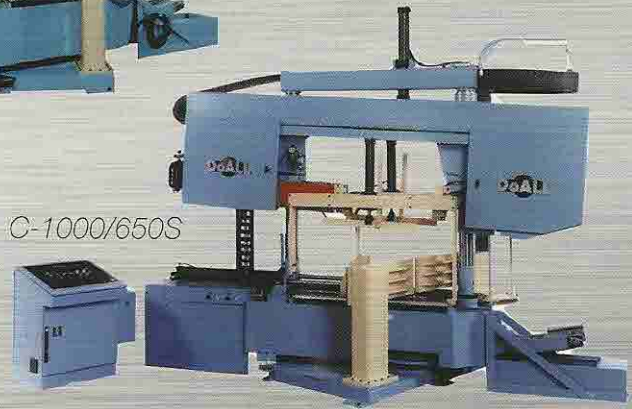
#### Swivel Saws

C-650S



500SNC

C-1000/650S



Specification/Model	500SNC	C-650S	C-1000/650S
Cap. Round @ 90 Deg (in)	14	26	26
Cap. Round @ 90 Deg (mm)	355	660	660
Cap. Rectangle @ 90 Deg (in)	14 x 20	25 x 25	26 x 39-1/2
Cap. Rectangle @ 90 Deg (mm)	355 x 508	635 x 635	660 x 1000
Cap. Round @ 45 Deg (in)	14	25	26
Cap. Round @ 45 Deg (mm)	355	635	660
Cap. Rectangle @ 45 Deg (in)	14 x 14	23 x 25 (Rt) 16 x 25 (Lt)	26 x 39-1/2
Cap. Rectangle @ 45 Deg (mm)	355 x 355	585 x 635 (Rt), 410 x 635 (Lt)	660 x 1,000
Cap. Round @ 60 Deg (in)	8	NA	26
Cap. Round @ 60 Deg (mm)	203	NA	660
Cap. Rectangle @ 60 Deg (in)	14 x 8	NA	26 x 22
Cap. Rectangle @ 60 Deg (mm)	355 x 203	NA	660 x 560
Blade Size (in)	1-1/4 x 197	2 x 327	2
Blade Size (mm)	33 x 5,000	54 x 8,305	54
Band Drive (HP)	5	10	10
Band Drive (kw)	3.75	7.5	7.5
Speed (fpm)	50 to 400	40 to 360	40 to 360
Speed (m/min)	15 to 120	12 to 110	13 to 110



# Solutions for **ALL** your sawing needs...

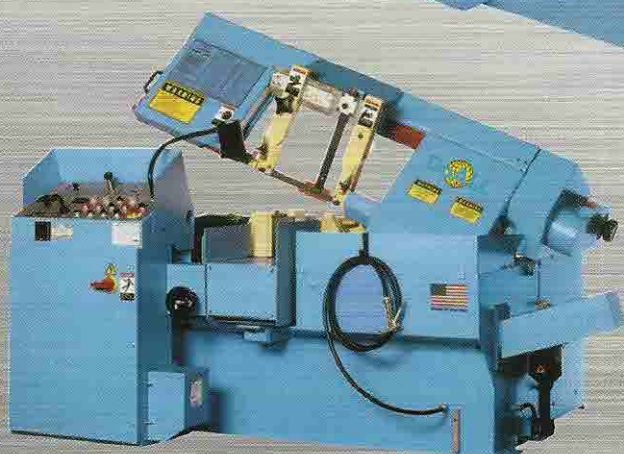
## PRODUCTION POWER SAWS

Band saws and carbide circular sawing systems are designed for sawing a wide range of metals on a production basis. They offer automatic operation and numerical control, and feature solid, heavy-duty construction. This provides more rigidity and reduces vibration for higher cutting rates, exceptional accuracy, superior surface finish and increased tool life.

### 12-in. Capacity



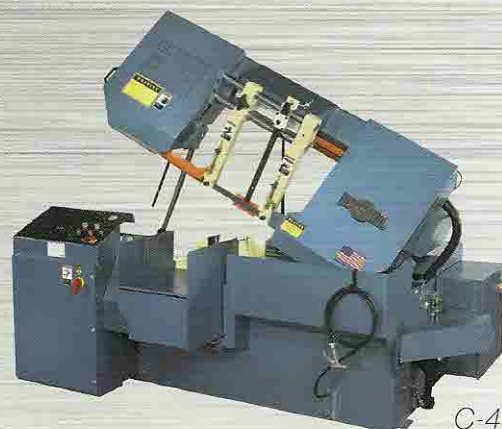
DC-310NC



C-305A

Specification/Model	DC-310NC	C-305A
Capacity Round (in)	12	12
Capacity Round (mm)	305	305
Capacity Rectangle (in)	12 x 12	12 x 12
Capacity Rectangle (mm)	305 x 305	305 x 305
Blade Size (in)	1-1/4 x 166	1-1/4 x 144
Blade Size (mm)	32 x 4,215	32 x 3,660
Band Drive (HP)	5	5
Band Drive (kw)	3.75	3.75
Speed (fpm)	50 to 400	60 to 450
Speed (m/min)	15 to 120	18 to 137

### 16-in. Capacity



C-4100M



C-4100NC

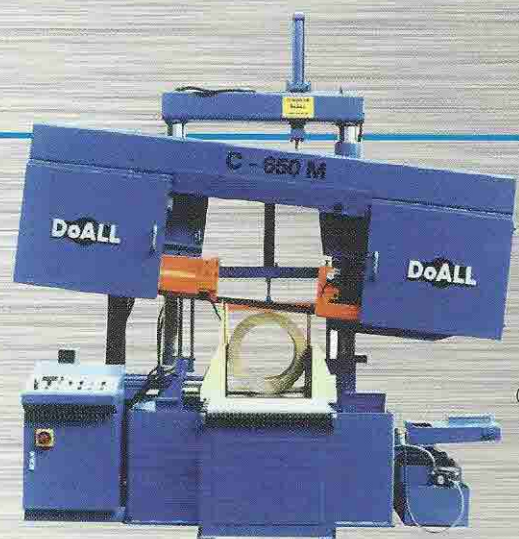
Specification/Model	C-4100M	C-4100A	C-4100NC
Capacity Round (in)	16	16	16
Capacity Round (mm)	410	410	410
Capacity Rectangle (in)	16 x 16	16 x 16	16 x 16
Capacity Rectangle (mm)	410 x 410	410 x 410	410 x 410
Blade Size (in)	1-1/2 x 186	1-1/2 x 186	1-1/2 x 186
Blade Size (mm)	41 x 4,725	41 x 4,725	41 x 4,725
Band Drive (HP)	10	10	10
Band Drive (kw)	7.5	7.5	7.5
Speed (fpm)	40 to 360	40 to 360	40 to 360
Speed (m/min)	12 to 110	12 to 110	12 to 110





## SAWING PRODUCTS

### Over 16" Capacity



C-650M



C-820M

Specification/Model	C-650M	C-650NC	C-820M	C-820NC
Capacity Round (in)	26	26	32	32
Capacity Round (mm)	670	670	820	820
Capacity Rectangle (in)	25 x 25	25 x 25	32 x 32	32 x 32
Capacity Rectangle (mm)	650 x 650	650 x 650	820 x 820	820 x 820
Blade Size (in)	2 x 300	2 x 300	2-5/8 x 360	2-5/8 x 360
Blade Size (mm)	54 x 7,620	54 x 7,620	67 x 9,150	67 x 9,150
Band Drive (HP)	10	10	15	15
Band Drive (kW)	7.5	7.5	11	11
Speed (fpm)	40 to 360	40 to 360	40 to 360	40 to 360
Speed (m/min)	12 to 110	12 to 110	12 to 110	12 to 110

## Continental Series

Specification/Model	DC-280NC	DC-330NC	DC-420NC	DC-460NC	DC-560NC
Cutting Capacity Round (in)	11	13	16 1/2	18	22
Cutting Capacity Round (mm)	280	330	420	460	560
Cutting Capacity Rectangle (in)	11-3/4 x 11	15-3/4 x 13	16-1/2 x 16-1/2	20 x 18	24 x 22
Cutting Capacity Rectangle (mm)	300 x 280	400 x 330	420 x 420	510 x 460	610 x 560
Bundle Capacity Maximum (W x H (in)	9-3/4 x 4	14-1/2 x 6-5/8	14-1/2 x 7-5/8	18-7/8 x 9-3/8	N/A
Bundle Capacity Minimum (W x H) (mm)	250 x 100	370 x 170	370 x 200	480 x 240	N/A
Band Saw Blade (in)	1-1/4 x 150	1-1/4 x 167	1-1/2 x 192	1-1/2 x 209	2 x 260
Band Speed (SFPM)	72 - 390	72 - 390	72 - 390	72 - 390	72 - 390
Band Speed (m/min)	22 - 120	22 - 120	22 - 120	22 - 120	22 - 120
Band Drive (HP)	5	5	7.5	7.5	10



DC-560NC

DoALL Sawing Products is the only American manufacturer of all sawing elements - saw blades, sawing machines, cutting fluids, and material handling systems. For additional information on custom saws and systems from DoALL, contact your DoALL Sawing Products distributor.



Nesting Fixture



NC Controller



Chip Conveyor





## SAWING PRODUCTS

### Solutions For **ALL** Your Sawing Needs

DoALL is the only manufacturer of all sawing elements - saw blades, sawing machines, cutting fluids and material handling systems, with value-added services and support second to none.



#### • *Band Saw Blades*

DoALL offers the most complete line of band saw blades in the industry including Bi-Metal, Tungsten Carbide Tipped, Grit Edge, Carbon Steel and Knife Edge blades to meet all your sawing needs.



#### • *Sawing Machines*

DoALL offers a wide variety of sawing machines for production applications, general purpose use, miter cutting and vertical contour sawing. Our engineers can also design a machine to meet all your sawing needs.



#### • *Cutting Fluids*

DoALL offers a choice of cutting fluids including cutting oils, soluble oils, semi-synthetics, synthetics and direct application fluids to meet all your sawing needs.



#### • *Material Handling*

DoALL offers a selection of standard and custom-designed material handling solutions that include integrated sawing systems, cells and automated storage and retrieval systems to meet all your sawing needs.



#### • *Sales and Service*

DoALL offers value-added services through local distributors that provide factory trained service and repair technicians, application engineering, training programs and financing plans to meet all your sawing needs.



## SAWING PRODUCTS

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