



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 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

SAWING MACHINES

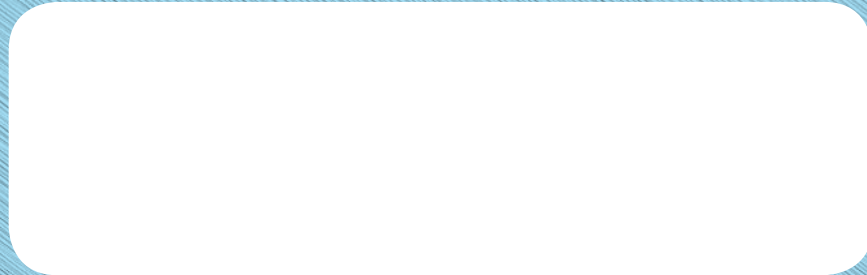


general purpose
vertical contour
miter cutting
production power



SAWING PRODUCTS

888.362.5572 • www.doallsawing.com



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 toolroom, 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 40 inches. 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 1-888-362-5572, or visit us on the web at 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.

Cut Off Saws



C-916A



C-430A

Specification/Model	C-916M	C-916A	C-430A
Capacity Round (in)	10-3/4	10-3/4	17
Capacity Round (mm)	273	273	430
Capacity Rectangle (in)	9 x 16	9 x 16	17 x 17
Capacity Rectangle (mm)	228 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

Vertical Contour Saws

2013-V



3613-1

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

Miter Cutting Saws

C-916S



C-1321DS



TF-1822M



500-S



Specification/Model	C-916S	C-1321DS	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)	9 x 16	13 x 21	14 x 19	18 x 22
Capacity Rectangle @ 90 Deg (mm)	228 x 406	330 x 535	355 x 482	455 x 560
Capacity Round @ 45 Deg (in)	10-3/4	14	14	14*
Capacity Round @ 45 Deg (mm)	273	380	355	355*
Capacity Rectangle @ 45 Deg (in)	9 x 10-3/4	13 x 15	14 x 14	14 x 18
Capacity Rectangle @ 45 Deg (mm)	228 x 273	330 x 280	355 x 355	355 x 455
Capacity Round @ 60 Deg (in)	NA	11	14	NA
Capacity Round @ 60 Deg (mm)	NA	280	355	NA
Capacity Rectangle @ 60 Deg (in)	NA	13 x 11	14 x 8	NA
Capacity Rectangle @ 60 Deg (mm)	NA	330 x 280	355 x 203	NA
Blade Size (in)	1 x 158	1-1/4 x 180	1-1/4 x 197	1 x 192
Blade Size (mm)	27 x 4,015	33 x 4,570	33 x 5,000	27 x 4,875
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

*With optional vise

Sawing Questions?
ask "SAM"
DoALL's Solutions & Applications Manager
SAM Hotline: 888-362-5572
www.doallsawing.com

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 nonmetals 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 5,055
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:	1,000-4,400 4,000-8,000 10,000-15,000
Speed (m/min) Specify:	305-1,220 1,220-2,435 3,050-4,570



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



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)	Hydraulic	Hydraulic	10
Band Drive (kw)	Hydraulic	Hydraulic	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



Specification/Model	500-SNC	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 19	25 x 25	26 x 39-1/2
Cap. Rectangle @ 90 Deg (mm)	355 x 482	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 (Lf)	26 x 22
Cap. Rectangle @ 45 Deg (mm)	355 x 355	585 x 635 (Rt) 410 x 635 (Lf)	660 x 560
Blade Size (in)	1-1/4 x 197	2 x 327	2 x 340
Blade Size (mm)	33 x 5,000	54 x 8,305	54 x 8,635
Band Drive (HP)	3	10	10
Band Drive (kw)	2.25	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...

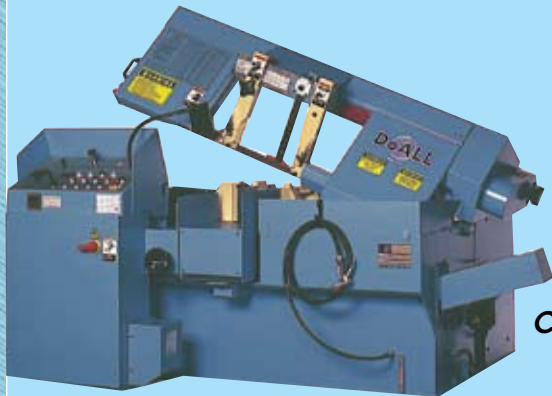
PRODUCTION POWER SAWS

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

13-in. to 16-in. Capacity



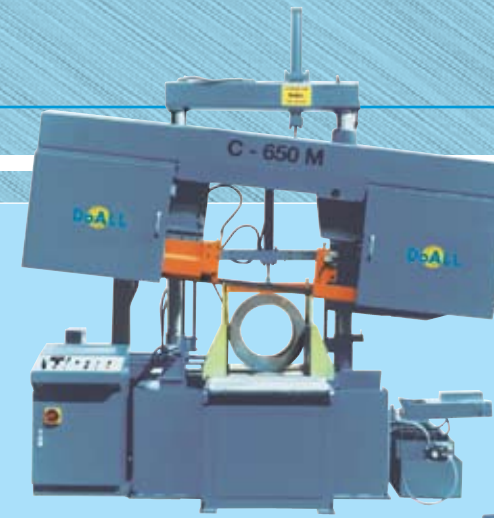
C-3350NC



C-4100NC

Specification/Model	C-3350NC	C-4100M	C-4100A	C-4100NC
Capacity Round (in)	13	16	16	16
Capacity Round (mm)	330	410	410	410
Capacity Rectangle (in)	13 x 13	14 x 16	14 x 16	14 x 16
Capacity Rectangle (mm)	330 x 330	410 x 410	410 x 410	410 x 410
Blade Size (in)	1-1/2 x 166	1-1/2 x 186	1-1/2 x 186	1-1/2 x 186
Blade Size (mm)	41 x 4,215	41 x 4,725	41 x 4,725	41 x 4,725
Band Drive (HP)	10	10	10	10
Band Drive (kw)	7.5	7.5	7.5	7.5
Speed (fpm)	50 to 400	40 to 360	40 to 360	40 to 360
Speed (m/min)	15 to 120	12 to 110	12 to 110	12 to 110

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



C-650M



C-820M

Over 16" Capacity

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

Circular Carbide Saws

Specification/Model	TKA 63	TKA 63	TKA 63 SC	TK5C-50GL	TK5C-72GL CNC	TK5C-102GL CNC	TK5C-160GL CNC	TK5M-90PL	TK5M-150GL CNC
Material Type	Ferrous	Non-Ferrous	Ferrous/Non-Ferrous	Ferrous	Ferrous	Ferrous	Ferrous	Non-Ferrous	Non-Ferrous
Capacity Round (in)	0.157 - 1.57	0.157 - 1.57	**	0.400 - 2.75	0.400 - 2.75	0.600 - 4.0	1.18 - 6.3	0.375 - 3.5	1.0 - 6.0
Capacity Round (mm)	4 - 40	4 - 40	**	10 - 70	10 - 70	15 - 100	30 - 160	10 - 90	25 - 150
Capacity Square (in)	0.157 - 1.57	0.157 - 1.57	**	0.400 - 2.36	0.400 - 2.36	0.600 - 3.2	1.18 - 5.9	0.375 - 2.75	1.0 - 5.0
Capacity Square (mm)	4 - 40	4 - 40	**	10 - 60	10 - 60	15 - 75	30 - 150	10 - 70	25 - 130
Blade Diameter (mm)	**250 HSS	**160 Solid Carbide	**100-180 Solid Carbide	285 x 2.0 Carbide Tipped	**285 x 2.0 Carbide Tipped	**360 2.6 Carbide Tipped	**580 x 3.2 Carbide Tipped	**355 x 2.0 Carbide Tipped	**480 x 2.7 Carbide Tipped
Band Drive (HP)	2.0	2.0	2.6	10	10	15	25	15	20
Band Drive (kw)	1.5	1.5	1.9	7.5	7.5	11	18.5	11	15
Blade Speed (rpm)	20 - 130 or 40 - 260	1000 - 3000	300 - 3000	17 - 200	50 - 200	60 - 120	35 - 80	1520 - 4120	1310 - 3280

** Subject to application



TKA 63



TK5C-72