

# Sawing Solutions



DCDS-750NC StructurALL®  
19 x 30" Dual Column, Dual Swivel Saw

## Our Products are a Cut Above the Rest!

DoALL® Sawing was founded in 1927 by Leighton A. Wilkie, who invented and manufactured the first metal cutting band saw in 1933. We continue to be a global leader for ALL your sawing needs! DoALL provides manual, semi-automatic and automatic metalworking band saws. Even though we specialize in metal cutting band saws, our legacy continues to parts

and service as well. DoALL Sawing Products offers a complete line of service, replacement and repair parts for our current line of band sawing machines. Our skilled team of service professionals – spread across United States and around the globe – are trained in service and repair of the entire line of DoALL band saws as well as competitive machines.



Solutions for ALL Your Sawing Needs

# Horizontal Structural Saws

## Dual Column, Dual Swivel Miter StructurALL® Series

DoALL dual column, dual swivel are ideal for production sawing of a large variety of materials including, but not limited to, structural solids, stainless and tool steel. Double column, double miter saws are ideal machines for a fabricator cutting multiple angles in the same work piece.



DCDS-600SA



DCDS-600NC

DoALL Model Number	DCDS-600SA	DCDS-600NC	DCDS-750SA	DCDS-750NC
Rectangle Capacity at 90°	17 x 24" (440 x 610mm)	17 x 24" (440 x 610mm)	19 x 30" (480 x 750mm)	19 x 30" (480 x 750mm)
Round Capacity at 90°	18.5" (470mm)	18.5" (470mm)	20" (500mm)	20" (500mm)
Rectangle Capacity at 45°	16.3 x 19.5" (415 x 495mm)	16.3 x 19.5" (415 x 495mm)	18.9 x 19.7" (480 x 500mm)	18.9 x 19.7" (480 x 500mm)
Round Capacity at 45°	18.5" (470mm)	18.5" (470mm)	19.7" (500mm)	19.7" (500mm)
Rectangle Capacity at 60°	12 x 16.7" (305 x 425mm)	12 x 16.7" (305 x 425mm)	13 x 18.9" (330 x 480mm)	13 x 18.9" (330 x 480mm)
Round Capacity at 60°	13" (330mm)	13" (330mm)	13" (330mm)	13" (330mm)
Blade Drive Motor	5 hp (4kW)	5 hp (4kW)	5 hp (4kW)	7.5 hp (5.5kW)
Blade Speeds	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)
Blade Size (LxWxGage)	238-1/2 x 1-1/4 x 0.042" (6060 x 34 x 1.1mm)	237 x 1-1/4 x 0.042" (6020 x 34 x 1.1mm)	256 x 1-1/2 x 0.05" (6500 x 41 x 1.3mm)	256 x 1-1/2 x 0.05" (6500 x 41 x 1.3mm)
Auto Index Stroke Length	N/A	0.12-78.7" (3-2000mm)	N/A	0.12-78.7" (3-2000mm)
Max Nesting Capacity at 90°	10 x 24" (255 x 610mm)	10 x 24" (255 x 610mm)	10.2 x 29.5" (260 x 750mm)	10.2 x 29.5" (260 x 750mm)
Floor Space Required (LxWxH)	115 x 70 x 84" (2900 x 1760 x 2135mm)	126 x 192 x 94" (3200 x 4880 x 2390mm)	130 x 67 x 85" (3300 x 1700 x 2150mm)	130 x 232 x 85" (3300 x 4880 x 2150mm)
Weight	3715 lbs (1685kg)	8455 lbs (3835kg)	4409 lbs (2000kg)	9149 lbs (4150kg)



# Horizontal Structural Saws

## General Purpose Miter StructurALL Series

DoALL offers a variety of low cost, custom production metal cutting band saws. Custom production saws are ideal for small shops and maintenance facilities that have occasional needs to cut metal material.



DS-280M



DS-320M



S-320CNC

DoALL Model Number	DS-280M	DS-320M	S-320CNC	S-500CNC - COMING SOON	500-SNC
Rectangle Capacity at 90°	8 x 11" (210 x 280mm)	11.75 x 12.5" (300 x 320mm)	11.75 x 12.5" (300 x 320mm)	14 x 20" (350 x 500mm)	14 x 20" (356 x 510mm)
Round Capacity at 90°	9" (230mm)	11.75" (300mm)	11.75" (300mm)	14" (360mm)	14.75" (375mm)
Rectangle Capacity at 45°	6.7 x 7" (170 x 180mm)	9.75 x 11.75" (250 x 300mm)	9.75 x 11.75" (250 x 300mm)	7 x 14" (180 x 360mm)	14 x 13" (356 x 330mm)
Round Capacity at 45°	7.5" (190mm)	11.75" (300mm)	11.75" (300mm)	14" (360mm)	13" (330mm)
Rectangle Capacity at 60°	4 x 4.75" (70 x 100mm)	7.75 x 7.75" (200 x 200mm)	7.75 x 7.75" (200 x 200mm)	8.6 x 12" (220 x 440mm)	14 x 8" (356 x 203mm)
Round Capacity at 60°	4.75" (100mm)	7.75" (200mm)	7.75" (200mm)	11.8" (300mm)	10" (254mm)
Blade Drive Motor	2-speed 1/1.5 hp (0.7/1.1 kW)	2-speed 2/2.5 hp (1.4/1.8 kW)	4 hp (3kW)	4 hp (3kW)	5 hp (3.75kW)
Blade Speeds	115/230 fpm (35/70mpm)	115/230 fpm (35/70mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	50-400 fpm (15-120mpm)
Blade Size (LxWxGage)	107 x 1 x 0.035" (2720 x 27 x 0.9mm)	144 x 1 x 0.035" (3660 x 27 x 0.9mm)	144 x 1 x 0.035" (3660 x 27 x 0.9mm)	187 x 1-1/4 x 0.042" (4750 x 34 x 1.1mm)	197 x 1.25 x .042" (5003 x 32 x 1.1mm)
Auto Index Stroke Length	N/A	N/A	0.12-19.7" (3-500mm)	0.12-19.7" (3-500mm)	14-40" (356-1016mm)
Max Nesting Capacity at 90°	4.7 x 11" (120 x 280mm)	6.25 x 12.5" (160 x 320mm)	4.75 x 9" (120 x 230mm)	Info coming soon	14 x 20" (356 x 510mm)
Floor Space Required LxWxH	65 x 35 x 74" (1650 x 885 x 1860mm)	90 x 46 x 56" (2280 x 1170 x 1410mm)	91 x 90 x 60" (2309 x 2276 x 1503mm)	100 x 100 x 56" (2550 x 2550 x 1420mm)	96 x 102 x 90" (2348 x 2591 x 2286mm)
Weight	618 lbs (280kg)	1764 lbs (800kg)	1764 lbs (800kg)	3307 lbs (1500kg)	3000 lbs (1361kg)

## Horizontal StructurALL Series

DoALL miter and non-miter saws increase flexibility and improve efficiency in fabrication shops or other sawing applications that require the cutting of miters. DoALL offers a full range of saws that feature a variety of cutting capacities and angle cutting options.



400-S



DS-600SA

DoALL Model Number	DS-320SA	400-S	DS-500SA	DS-600SA
Rectangle Capacity at 90°	11.75 x 12.5" (300 x 320mm)	10 x 16" (254 x 406mm)	14 x 20" (360 x 500mm)	18" x 23-1/2" (460 x 600mm)
Round Capacity at 90°	11.75" (300mm)	10.75" (273mm)	14" (360mm)	18" (460mm)
Rectangle Capacity at 45°	9.75 x 11.75" (250 x 300mm)	9 x 10.75" (229 x 273mm)	7.5 x 15.75" (190 x 400mm)	9.5 x 18.5" (240 x 470mm)
Round Capacity at 45°	11.75" (300mm)	10.75" (273mm)	14.2" (360mm)	18" (460mm)
Rectangle Capacity at 60°	7.75 x 7.75" (200 x 200mm)	N/A	10.6 x 12.6" (270 x 320mm)	9.5 x 12.5" (240 x 320mm)
Round Capacity at 60°	7.75" (200mm)	N/A	12.2" (310mm)	12.5" (320mm)
Blade Drive Motor	2 - 2.5 hp (1.4-1.8 kW)	2 hp (1.5kW)	5 hp (4kW)	5 hp (4kW)
Blade Speeds	10-240 fpm (35-70mpm)	105-275 fpm (32-82mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)
Blade Size (LxWxGage)	144 x 1 x 0.035" (3660 x 27 x 0.9mm)	158 x 1 x 0.035" (4013 x 25.4 x 0.89mm)	188 x 1-1/4 x 0.042" (4780 x 34 x 1.1mm)	1.5 x 212" (41 x 5380mm)
Max Nesting Capacity at 90°	6.25 x 12.5" (160 x 320mm)	N/A	8.7 x 19.7" (220 x 500mm)	9.8 x 23.6" (250 x 600mm)
Floor Space Required LxWxH	90 x 46 x 56" (2280 x 1170 x 1410mm)	87 x 42 x 55" (2210 x 1067 x 1397mm)	114 x 43 x 56" (2873 x 1080 x 1420mm)	136 x 45 x 65" (3457 x 1140 x 1650mm)
Weight	1533 lbs (695kg)	1200 lbs (544kg)	1576 lbs (715kg)	2646 lbs (1200kg)

# Dual Column Hercules™ Saws

## Dual Column CNC Enclosed Saws

The Hercules™ series of high production, horizontal Computer Numerically Controlled (CNC) band saws from DoALL are highly efficient, automatic, hydraulically controlled machines with multiple material feeds. Designed for vertical cuts, they are ideal for serial production in industrial settings. The "box" or enclosed design provides very safe operation.



DC-400CNC



DC-510CNC



DC-1000CNC

## HERCULES™

DoALL Model Number	DC-300CNC	DC-400CNC	DC-510CNC	DC-750CNC	DC-1000CNC	DC-1400CNC
Rectangle Capacity at 90°	12 x 12" (300 x 300mm)	16 x 16" (400 x 400mm)	20 x 20" (510 x 510mm)	28 x 30" (700 x 750mm)	33.5 x 40" (850 x 1000mm)	47.25 x 55" (1200 x 1400mm)
Round Capacity at 90°	12" (300mm)	16" (400mm)	20" (510mm)	28" (700mm)	33.5" (850mm)	47.25" (1200mm)
Blade Drive Motor	5 hp (4kW)	7.5 hp (5.6kW)	10 hp (7.5kW)	15 hp (11.1kW)	15 hp (11.1kW)	15 hp (11.1kW)
Blade Speeds	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	50-262 fpm (15-80mpm)	50-262 fpm (15-80mpm)	50-262 fpm (15-80mpm)	50-262 fpm (15-80mpm)
Blade Size (LxWxGage)	178 x 1-1/4 x 0.042" (4520 x 34 x 1.1mm)	220 x 1-1/2 x 0.05" (5580 x 41 x 1.3mm)	238-1/2 x 2 x 0.063" (6060 x 54 x 1.6mm)	303 x 2-5/8 x 0.063" (7680 x 67 x 1.6mm)	374 x 2-5/8 x 0.063" (9490 x 67 x 1.6mm)	458 x 3-3/20 x 0.063" (11650 x 80 x 1.6mm)
Auto Index Stroke Length	0.2-19.9" (5-505mm)	0.12-21.7" (3-550mm)	0.12-26.4" (3-670mm)	0.12-27.5" (3-700mm)	0.12-39.4" (3-1000mm)	0.4-39.4" (10-1000mm)
Max Nesting Capacity at 90°	8.7 x 11.8" (220 x 300mm)	9.8 x 15.8" (250 x 400mm)	17.7 x 19.6" (450 x 500mm)	17.7 x 29.5" (450 x 750mm)	24 x 39.37" (610 x 1000mm)	31.5 x 47.24 " (800 x 1200mm)
Floor Space Required (LxWxH)	103 x 67 x 85" (2600 x 1690 x 2140mm)	117 x 82 x 87" (2970 x 2080 x 2200mm)	150 x 95 x 87" (3800 x 2400 x 2200mm)	229 x 109 x 95" (5800 x 2750 x 2400mm)	237 x 152 x 111" (6000 x 3850 x 2820mm)	205 x 93 x 113" (5200 x 2700 x 2850mm)
Weight	3131 lbs (1420kg)	7850 lbs (3560kg)	13713 lbs (6220kg)	27558 lbs (12500kg)	30204 lbs (13700kg)	55116 lbs (25000kg)

## Hercules II Saws

### Dual Column CNC Ball Screw Saws

DoALL high production, horizontal CNC enclosed band saws are highly efficient, automatic, hydraulically controlled saws. They operate with a ball screw servo motor using "SMART" controls to cut a wide range of full and profile materials including stainless and tool steel.

## HERCULES™

DoALL Model Number	DC-620CNC - NEW
Rectangle Capacity at 90°	22 x 24" (550 x 620mm)
Round Capacity at 90°	22" (550mm)
Blade Drive Motor	20 hp (15kW)
Blade Speeds	50-500 fpm (15-150mpm)
Blade Size (LxWxGage)	302-1/4 x 2 x 0.063" (7680 x 54 x 1.6mm)
Auto Index Stroke Length	0.12-39.4" (3-9999mm)
Max Nesting Capacity at 90°	13.75 x 22" (350x550mm)
Floor Space Required (LxWxH)	157 x 91 x 115" (3980 x 2300 x 2900mm)
Weight	17052 lbs (7735kg)
Saw type	CNC Ball Screw



DC-620CNC



Typical Hercules enclosed cutting zone

# Table and Portal Hercules Saws

## Dual Column Table and Portal Saws

DoALL also offers large format, dual column table and portal saws. These large capacity Hercules saws are ideal for cutting extremely heavy or large material. The large capacity saws cut in two directions.

### HERCULES™



DC-850CNC



DC-1200CNC



DC-1600CNC Portal

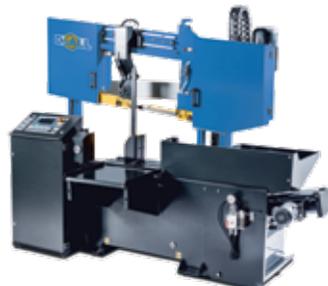
DoALL Model Number	DC-850CNC	DC-1200CNC	DC-1600CNC
Rectangle Capacity at 90°	33.5 x 40" (850 x 1000mm)	47.25 x 63" (1200 x 1600mm)	49.25 x 63" (1250 x 1600mm)
Round Capacity at 90°	33.5" (850mm)	47.25" (1200mm)	49.25" (1250mm)
Blade Drive Motor	15 hp (11.1kW)	15 hp (11.1kW)	16.75 hp (12.5kW)
Blade Speeds	50-262 fpm (15-80mpm)	50-262 fpm (15-80mpm)	50-262 fpm (15-80mpm)
Blade Size (LxWxGage)	357.5 x 2-5/8 x 0.063" (9080 x 67 x 1.6mm)	458 x 3.15 x 0.063" (11650 x 80 x 1.6 mm)	458 x 3.15 x 0.063" (11650 x 80 x 1.6 mm)
Auto Index Stroke Length	Info Coming Soon	Info Coming Soon	Info Coming Soon
Max Nesting Capacity at 90°	Info Coming Soon	Info Coming Soon	Info Coming Soon
Floor Space Required (LxWxH)	164 x 205 x 124" (4150 x 5200 x 3150mm)	205 x 158 x 300" (5200 x 4000 x 7653mm)	205 x 138 x 162" (5200 x 3500 x 4100mm)
Weight	32122 lbs (14570kg)	66910 lbs (30350kg)	88185 lbs (40000kg)
Saw type	Bidirectional Billet	Bidirectional Billet	Bidirectional Billet

# Dual Column Olympia™ Tube Saws

## Dual Column Tube-Cutting Saws

DoALL specialty tube saws are ideal for cutting a variety of diameter tube and pipe. Also classified as cut off saws, these DoALL dual column, metal cutting band saws provide full automation for intricate and precise cuts, saving both time and money.

### OLYMPIA™



TDC-400SA



TDC-400CNC



TDC-600CNC

DoALL Model Number	TDC-400SA	TDC-400CNC	TDC-600SA	TDC-600CNC	TDC-1000SA	TDC-1000CNC
Rectangle Capacity at 90°	16 x 16" (400 x 400mm)	16 x 16" (400 x 400mm)	20 x 24" (510 x 610mm)	20 x 24" (510 x 610mm)	38 x 40" (960 x 1000mm)	38 x 40" (960 x 1000mm)
Round Capacity at 90°	16" (400mm)	16" (400mm)	24" (610mm)	24" (610mm)	40" (1000mm)	40" (1000mm)
Blade Drive Motor	4 hp (3kW)	4 hp (3kW)	5 hp (4kW)	5 hp (4kW)	10 hp (7.5kW)	10 hp (7.5kW)
Blade Speeds	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)
Blade Size (LxWxGage)	178 x 1-1/4 x 0.042" (4520 x 34 x 1.1mm)	178 x 1-1/4 x 0.042" (4520 x 34 x 1.1mm)	245-1/4 x 1-1/2 x 0.05" (6230 x 41 x 1.3mm)	245-1/4 x 1-1/2 x 0.05" (6230 x 41 x 1.3mm)	351 x 2 x 0.063" (8920 x 54 x 1.6mm)	351 x 2 x 0.063" (8920 x 54 x 1.6mm)
Auto Index Stroke Length	N/A	0.12-19.9" (3-505mm)	N/A	0.12-78" (3-1981mm) or 0.12-236" (3-5994mm)	N/A	0.12-78" (3-1981mm) or 0.12-236" (3-5994mm)
Max Nesting Capacity at 90°	13.4 x 15.8" (340 x 400mm)	13.4 x 15.8" (340 x 400mm)	16.3 x 23.6" (415 x 600mm)	16.3 x 23.6" (415 x 600mm)	25.6 x 39.4" (650x1000mm)	25.6 x 39.4" (650x1000mm)
Floor Space Required (LxWxH)	63 x 41 x 81" (1600 x 1030 x 2050mm)	102 x 102 x 72" (2600 x 2600 x 1815mm)	119 x 54 x 91" (3000 x 1350 x 2300mm)	119 x 158 x 91" (3020 x 1000 x 2300mm)	169 x 284 x 117" (5050 x 7200 x 2960mm)	169 x 284 x 117" (5050 x 7200 x 2960mm)
Weight	2072 lbs (940kg)	2866 lbs (1300kg)	5688 lbs (2580kg)	8003 lbs (3630kg)	20944 lbs (9500kg)	20944 lbs (9500kg)

# Production Column Saws

## Automatic Continental Series™

Standard features that far exceed the industry standard! The Continental Series™ of production, metal cutting band saws by DoALL provide cutting edge performance at a leading edge price.



DC-330NC



DC-420NC



DC-700NC

## CONTINENTAL™

DoALL Model Number	DC-280NC	DC-330NC	DC-420NC	DC-460NC	DC-560NC	DC-700NC	DC-800NC
Rectangle Capacity at 90°	11 x 11.75" (280 x 300mm)	13 x 15.75" (330 x 400mm)	16.5 x 16.5" (420 x 420mm)	18 x 20" (460 x 510mm)	22 x 24" (560 x 610mm)	27 x 31" (700 x 800mm)	31.5 x 39.5" (800 x 1000mm)
Round Capacity at 90°	11" (280mm)	13" (330mm)	16.5" (420mm)	18" (460mm)	22" (560mm)	27" (700mm)	31.5" (800mm)
Blade Drive Motor	5 hp (3.75kW)	5 hp (3.75kW)	10 hp (7.5kW)	10 hp (7.5kW)	10 hp (7.5kW)	15 hp (11.1kW)	15 hp (11.1kW)
Blade Speeds	52-275 fpm* (16-85mpm)	52-275 fpm* (16-85mpm)	52-275 fpm* (16-85mpm)	52-275 fpm* (16-85mpm)	52-275 fpm* (16-85mpm)	52-275 fpm* (16-85mpm)	52-275 fpm* (16-85mpm)
Blade Size (LxWxGage)	151 x 1-1/4 x 0.042" (3820 x 34 x 1.1mm)	167 x 1-1/4 x 0.042" (4242 x 34 x 1.1mm)	192 x 1-1/2 x 0.05" (4880 x 41 x 1.3mm)	209 x 1-1/2 x 0.05" (5300 x 41 x 1.3mm)	260 x 2 x 0.063" (6604 x 54 x 1.6mm)	325 x 2-5/8 x 0.063" (8250 x 67 x 1.6mm)	347 x 2-5/8 x 0.063" (8800 x 67 x 1.6mm)
Auto Index Stroke Length	15.75" (400mm)	19.68" (500mm)	19.68" (500mm)	19.68" (500mm)	15.75" (400mm)	15.75" (400mm)	15.75" (400mm)
Max Nesting Capacity at 90°	9.875 x 5.75" (250 x 145mm)	13 x 6.75" (330 x 170mm)	13 x 8.625" (330 x 220mm)	17.75 x 10" (450 x 255mm)	19.875 x 8.875" (505 x 225mm)	25.625 x 13" (650 x 330mm)	25.625 x 14.625" (650 x 370mm)
Floor Space Required (LxWxH)	83 x 79 x 51" (2100 x 1990 x 1300mm)	89 x 87 x 56" (2250 x 2195 x 1400mm)	97 x 88 x 66" (2450 x 2235 x 1665mm)	102 x 89 x 71" (2580 x 2240 x 1800mm)	127 x 84 x 85" (3210 x 2135 x 2160mm)	154 x 89 x 90" (3910 x 2240 x 2300mm)	172 x 94 x 108" (4350 x 2390 x 2750mm)
Weight	3858 lbs (1750kg)	4410 lbs (2000kg)	5512 lbs (2500kg)	6284 lbs (2850kg)	9923 lbs (4500kg)	15650 lbs (7100kg)	25350 lbs (11500kg)

\*Two-step pulley system can increase speeds to 400 fpm (120mpm)

## Semi-Automatic Continental Series

For operations that do not require indexing, DoALL offers a full line of Continental Series semi-automatic saws that are designed for cutting a wide range of metals on a production basis.



DC-500SA



DC-800SA



DC-1700SA

DoALL Model Number	DC-280SA	DC-330SA	DC-500SA	DC-560SA (Extended Capacity)	DC-800SA	DC-1100SA	DC-1700SA
Rectangle Capacity at 90°	11 x 11.75" (280 x 300mm)	13 x 15.75" (330 x 400mm)	20 x 22" (500 x 560mm)	22 x 31.5" (560 x 800mm)	31.5 x 39.5" (800 x 1000mm)	43.5 x 43.5" (1100 x 1100mm)	51.25 x 67" (1300 x 1700mm)
Round Capacity at 90°	11" (280mm)	13" (330mm)	20" (500mm)	22" (560mm)	31.5" (800mm)	43.5" (1100mm)	51.25" (1300mm)
Blade Drive Motor	5 hp (3.7kW)	5 hp (3.7kW)	10 hp (7.5kW)	10 hp (7.5kW)	15 hp (11.2kW)	15 hp (11.2kW@)	20 hp (15kW)
Blade Speeds	66-262 fpm* (20-80mpm)	66-262 fpm* (20-80mpm)	66-262 fpm* (20-80mpm)	52-275 fpm* (16-85mpm)	52-275 fpm* (16-85mpm)	49-262 fpm (15-80mpm)	39-246 fpm (12-75mpm)
Blade Size (LxWxGage)	151 x 1-1/4 x 0.042" (3820 x 34 x 1.1mm)	167 x 1-1/4 x 0.042" (4242 x 34 x 1.1mm)	215 x 1-1/2 x 0.05" (5450 x 41 x 1.3mm)	268 x 2 x 0.063" (6800 x 54 x 1.6mm)	347 x 2-5/8 x 0.063" (8800 x 67 x 1.6mm)	394 x 2-5/8 x 0.063" (10000 x 67 x 1.6mm)	512 x 3-3/20 x 0.063" (13000 x 80 x 1.6mm)
Max Nesting Capacity at 90°	9.75 x 4" (250 x 100mm)	14.5 x 6-5/8" (370 x 170mm)	18.9 x 9.4" (480 x 240 mm)	18.9 x 11" (480 x 280 mm)	N/A	N/A	N/A
Floor Space Required (LxWxH)	83 x 48 x 60" (2110 x 1210 x 1520mm)	88 x 48 x 61" (2240 x 1210 x 1550mm)	114 x 61 x 71" (2890 x 1550 x 1800mm)	130 x 77 x 79" (3300 x 1950 x 2000mm)	171 x 85 x 104" (4350 x 2160 x 2650mm)	95 x 181 x 128" (2400 x 4600 x 3250mm)	110 x 244 x 150" (2800 x 6200 x 3800mm)
Weight	2646 lbs (1200 kg)	3638 lbs (1650 kg)	5732 lbs (2600 kg)	8378 lbs (3800 kg)	24251 lbs (11000 kg)	30865 lbs (14000 kg)	46297 lbs (21000 kg)

\*Two-step pulley system can increase speeds to 400 fpm (120mpm)



# Circular Cut-Off/Cold Saws

## Circular Series

When cutting small diameters, short lengths and thousands of parts, circular cut-off saws are perfect additions to any shop. Circular cut-off saws from DoALL can provide full automation for intricate and precise cuts, saving both time and money.



SC-75A



SC-100A



SC-150A

DoALL Model Number	SC-75A	SC-100A	SC-150A
Rectangle Capacity at 90°	0.3-2.36 x 0.3-2.36" (8-60 x 8-60mm)	0.39-3.15 x 0.39-3.15" (10-80 x 10-80 mm)	2.6-4 x 2.6-4" (65-105 x 65-105mm)
Round Capacity at 90°	Up to 3" (75mm)	Up to 4" (100mm)	Up to 6" (150mm)
Blade Drive Motor	15 hp (11.1kW)	15 hp (11.1kW)	20 hp (15kW)
Blade Speeds	30-150 fpm (9-45.7mpm)	30-150 fpm (9-45.7mpm)	30-150 fpm (9-45.7mpm)
Blade Size (LxWxGage)	11.2 x 0.079 x 0.069" (285 x 2 x 1.75mm)	14.2 x 0.102 x 0.089" (360 x 2.6 x 2.25mm)	18 x 0.106 x 0.089" (460x2.7x2.25mm)
Auto Index Stroke Length	0.24 to 24" (6-600mm)	0.24 to 24" (6-600mm)	0.24 to 24" (6-600mm)
Floor Space Required (LxW)	110 x 270" (2780 x 6850mm)	111.5 x 272" (2920 x 6900mm)	123 x 285" (3120x7230mm)
Weight	6713 lbs (2800kg)	7937 lbs (3600kg)	9260 lbs (4200kg)

# Vertical Contour Saws

## Contour Cutting Series

Among the most versatile machines available, vertical contour saws cut aluminum, brass, copper, mild steel, tough tool steel, stainless steel and sheet metal as well as nonmetals like plastics, paper and fibrous materials. Plus, they're available with a wide variety of attachments for contour cutting, miter cutting, disc cutting and more.

Popular DoALL optional accessories are shown below.



2013-V3



3613-V5

DoALL Model Number	2012-VH	2013-V2	2013-V3	2013-V5	3612-VH	3613-V3	3613-V5
Rectangle Capacity at 90°	20 x 12" (510 x 305mm)	20 x 13" (510 x 330mm)	20 x 13" (510 x 330mm)	20 x 13" (510 x 330mm)	36 x 12" (915 x 305mm)	36 x 13" (915 x 330mm)	36 x 13" (915 x 330mm)
Round Capacity at 90°	12" (305mm)	13" (330mm)	13" (330mm)	13" (330mm)	12" (305mm)	13" (330mm)	13" (330mm)
Blade Drive Motor	3 hp (2.23kW)	2 hp (1.5kW)	3 hp (2.23kW)	5 hp (3.75kW)	3 hp (2.23kW)	3 hp (2.23kW)	5 hp (3.75kW)
Blade Speeds	30-5500 fpm (9-1680mpm)	55-5200 fpm (17-1585mpm)	30-5500 fpm (9-1680mpm)	550-5500 fpm (170-1680mpm)	30-5500 fpm (9-1680mpm)	30-5500 fpm (9-1680mpm)	550-5500 fpm (170-1680mpm)
Blade Size (LxW)	154 x 1/8" - 1" (3912 x 3.2-25.4mm)	199 x 1/8" - 1" (5055 x 3.2-25.4mm)	199 x 1/8" - 1" (5055 x 3.2-25.4mm)	199 x 1/8" - 1" (5055 x 3.2-25.4mm)			
Floor Space Required (LxWxH)	54 x 58 x 82" (1380 x 1475 x 2070mm)	44 x 55 x 80" (1128 x 1399 x 2036mm)	54 x 45 x 82" (1360 x 1145 x 2070mm)	54 x 45 x 82" (1360 x 1145 x 2070mm)	74 x 45 x 82" (1880 x 1145 x 2070mm)	74 x 45 x 82" (1880 x 1145 x 2070mm)	74 x 45 x 82" (1880 x 1145 x 2070mm)
Weight	1650 lbs (748kg)	1250 lbs (567kg)	1250 lbs (567kg)	1250 lbs (567kg)	2200 lbs (998kg)	1550 lbs (703kg)	1550 lbs (703kg)



Miter attachment



Upper saw guide block



Work light



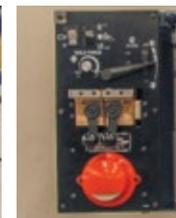
Rip fence



Secondary table



Work holding jaw with handles



Blade welder



Mist lubrication



Guide blocks



Chip blower



Magnifying attachment



# High Production Saws

## Zephyr™ Series

DoALL high velocity Zephyr™ series friction saws are designed to run at a high rate of speed to cut the most difficult of materials with relative ease and exceptional accuracy.

<b>DoALL Model Number</b>	<b>ZV-3620</b>
<b>Rectangle Capacity at 90°</b>	<b>36 x 15" (914 x 381mm)</b>
<b>Round Capacity at 90°</b>	<b>Up to 20" (510mm)</b>
<b>Blade Drive Motor</b>	<b>15 hp (11.1kW)</b>
<b>Blade Speeds</b>	<b>1000-15000 fpm (305-4570mpm)</b>
<b>Blade Size (LxW)</b>	<b>232 - 240 x .125" - 1" (5893-6096 x 3.2-25.4mm)</b>
<b>Floor Space Required (LxWxH)</b>	<b>52-1/2 x 80" (1334 x 2032mm)</b>
<b>Weight</b>	<b>3000 lbs (1361kg)</b>



ZV-3620

# Vertical Diamond Saws

## Diamond Series

DoALL vertical diamond band saws are ideal for cutting materials that are brittle or easily crumble including, but not limited to, silicon, quartz and glass. These upright saws are designed to cut a wide variety of friable materials.



2012-D12

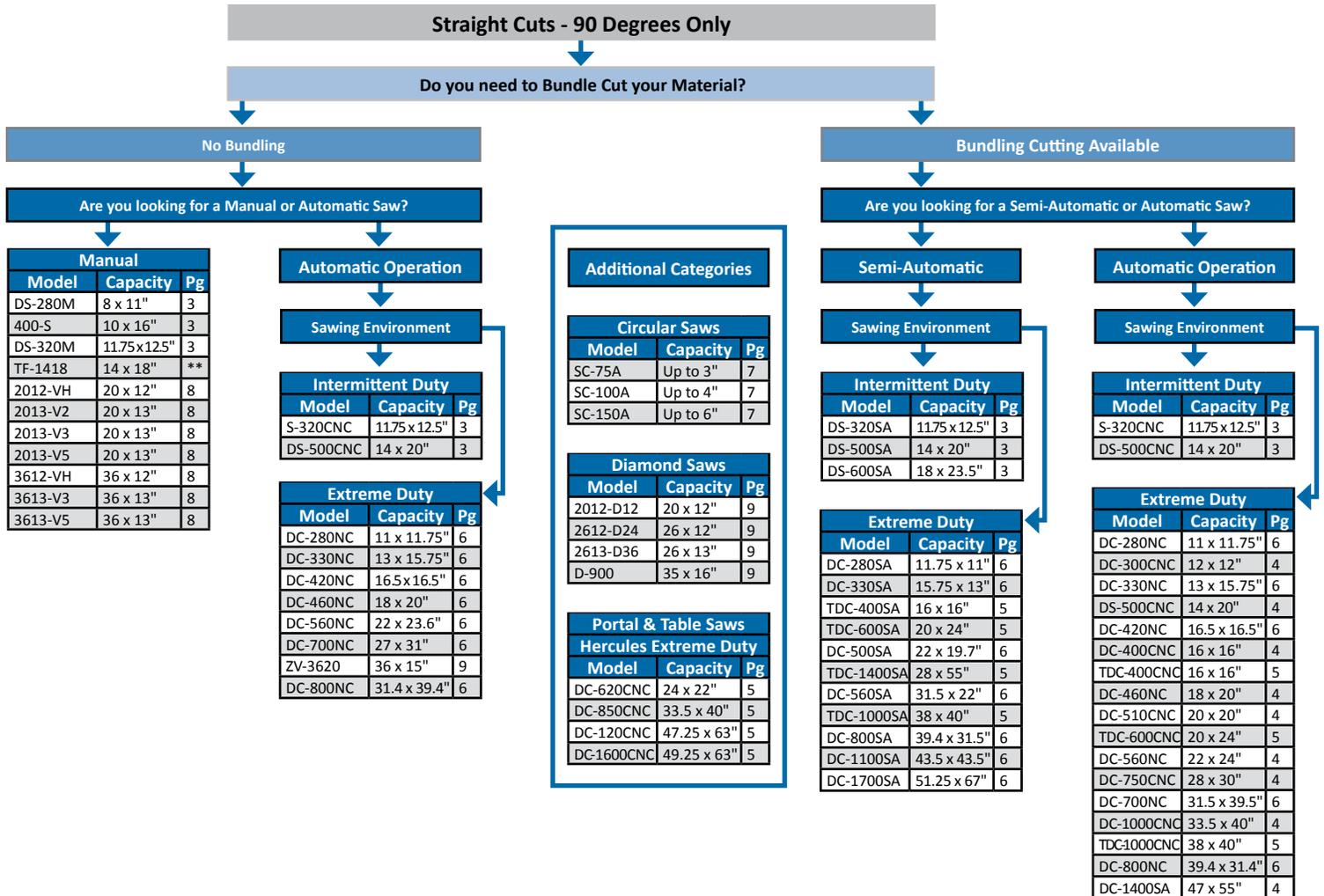


D-900

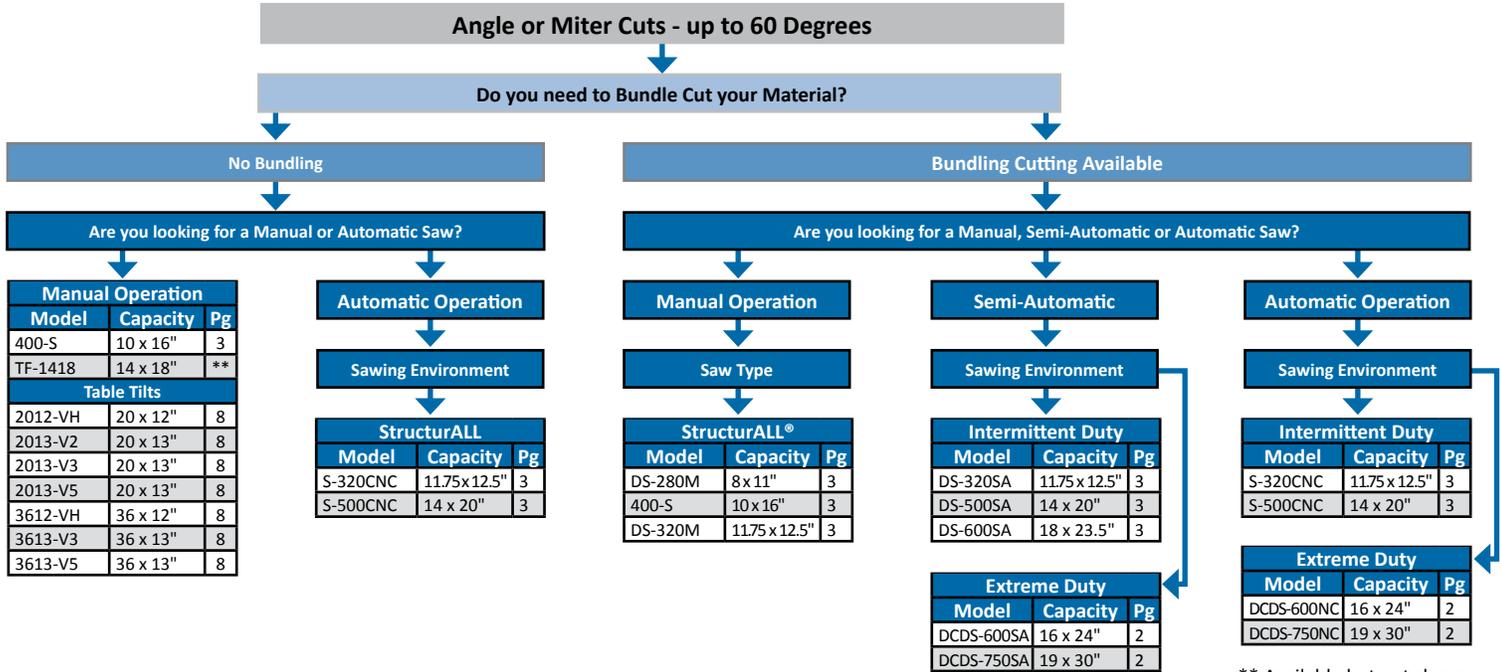
DoALL Model Number	2012-D12	2612-D24	2613-D36	D-900
<b>Rectangle Capacity at 90°</b>	<b>20 x 12" (510x305mm)</b>	<b>26 x 12" (660x305mm)</b>	<b>26 x 13" (660x330mm)</b>	<b>35 x 16" (900x406mm)</b>
<b>Round Capacity at 90°</b>	<b>12" (305mm)</b>	<b>12" (305mm)</b>	<b>13" (330mm)</b>	<b>16" (406mm)</b>
<b>Blade Drive Motor</b>	<b>5 hp (3.75kW)</b>	<b>5 hp (3.75kW)</b>	<b>5 hp (3.75kW)</b>	<b>15 hp (11.1kW)</b>
<b>Blade Speeds</b>	<b>550-5500 fpm (170-1680mpm)</b>	<b>550-5500 fpm (170-1680mpm)</b>	<b>1000-4000 fpm (305-1219mpm)</b>	<b>1000-5000 fpm (305-1525mm)</b>
<b>Blade Size (LxW)</b>	<b>154 x 1" (3912 x 25.4mm)</b>	<b>154 x .5"-1" (3912 x 13-25.4mm)</b>	<b>186 x .5"-.75" (4725 x 13-19mm)</b>	<b>234 x 1.25" (5940 x 32mm)</b>
<b>Floor Space Required (LxWxH)</b>	<b>54 x 58 x 82" (1380 x 1475 x 2070mm)</b>	<b>60 x 45 x 82" (1524 x 1143 x 2070mm)</b>	<b>95 x 64 x 82" (3413 x 1626 x 2070mm)</b>	<b>95 x 64 x 82" (3413 x 1626 x 2070mm)</b>
<b>Weight</b>	<b>1650 lbs (748kg)</b>	<b>1900 lbs (862kg)</b>	<b>4500 lbs (2041kg)</b>	<b>4500 lbs (2041kg)</b>



# Do You Make Straight Cuts or



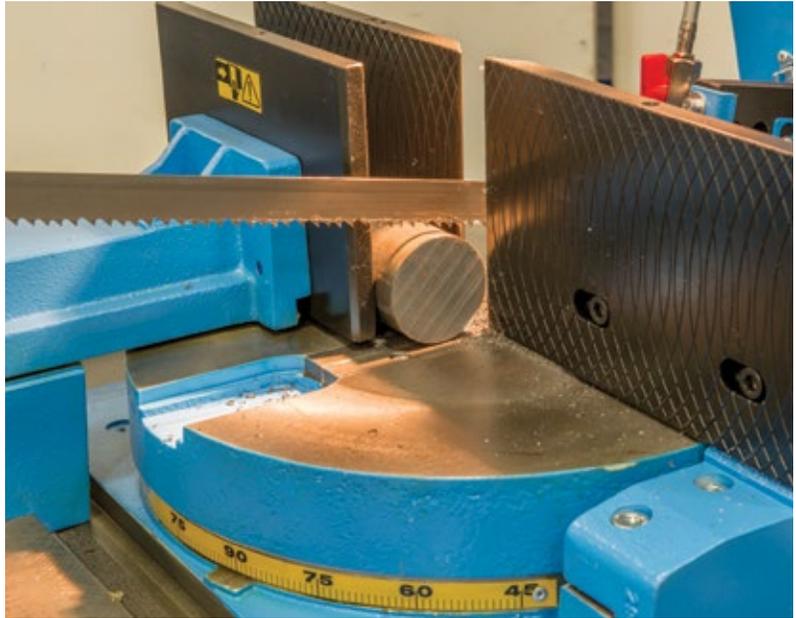
# Do You Make Angled/Miter Cuts?



\*\* Available but not shown

## Other Factors to Consider

- Design Capacity vs. Effective Capacity. A saw is most effective in materials from 1/3 to 2/3 of the rated size capacity. Using a 12" capacity saw is not ideal for cutting 12" solids all day.
- Exotic Materials vs. Mild Materials. Hard-to-cut materials, like Inconel® and 316 stainless, are best cut with high production, heavy-duty machines and wide blades.
- Budget vs. The Right Machine. Purchasing a less expensive machine may fall within your budgetary constraints, but not selecting the right machine may cost you in lost production.
- A DoALL representative will help you select the right machines for all your applications.



# Band Saw Blades



DoALL invented the Bi-Metal band saw blade and released many improvements over the years. Today we are still the trendsetter in band saw blade technology. We have production facilities in the USA, Canada, Mexico, Asia as well as in Europe. Besides having our own team of dedicated band saw blade experts, we have factory authorized distributors around the world who are focused on band saw blades, with many of them managing their own weld centers. Our network is able to provide technical support and fast response to any issue. We are committed to your satisfaction and look forward to serving you.



# Cutting & Grinding Fluids



DoALL Sawing Products has been manufacturing cutting and grinding fluids since the 1950s. We offer a broad range of cutting oils like synthetics, semi-synthetics, soluble oils and straight oils. Our product line also includes grinding fluids, direct application machine tool lubricants, metalworking and machining coolants and lubricants, hydraulic, transmission, gear, way and spindle oils. We also promote specialty fluids like cleaners, removers, tank additives, aerosols, mists and Minimal Quantity Lubrication (MQL) lubricants. DoALL Sawing Products has a knowledgeable sales team and distributor network that market metalworking cutting products worldwide. DoALL is committed to providing customers with high quality, cost-effective performance fluids to improve operations and reduce costs. At DoALL, we are dedicated to offering environmentally friendly and worker safe solutions to meet all your machining needs.



# At Your Service!

We have our own team of engineers and factory authorized distributors around the world who are saw blade focused who manage their own weld centers. They are able to provide technical support and fast response to any issue.

We are committed to your satisfaction and look forward to serving you.



# Additional Sawing Resources



DoALL replacement and repair parts are now available 24-hours a day online at [www.DoALLsaws.com/store](http://www.DoALLsaws.com/store)



Ask about our DoALL University training program and sharpen your skills today! Class includes 4 hours of training on the 3 elements of sawing (saws, blades and fluids).

**Groves Industrial, a DGI Supply Company**

Phone: 713.675.4747

Email: [sales@grovesindustrial.com](mailto:sales@grovesindustrial.com)

Website: [www.grovesindustrial.com](http://www.grovesindustrial.com)



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