

# Band Saw Pocket Guide



DCDS-600NC



DC-330NC



2613-V3



TDC-400CNC

**Solutions For ALL Your Sawing Needs**

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## How to Select & Order the Right Band Saw Machine

Use the Band Saw Selector chart as a guide to identify the right saw for typical sawing applications. Consider the following conditions in making your choice:

### 1. Miter vs. Non-Miter Cuts

If material needs to be cut at any angle other than straight, choose a miter cutting band saw.

### 2. Individual Cuts or Bundle Cutting

Bundle cutting is good when cutting long bundles into short bundles because it eliminates the need to break and re-strap the bundles.

### 3. Manual vs. Semi-Automatic vs. Automatic

A manual saw requires an operator to manually feed the material, lift the saw head and close the vise. A semi-automatic saw has a hydraulic or pneumatic vise that raises and lowers the saw head but requires an operator to feed the material. An automatic saw needs an operator to program a saw for fully automated material feed (indexing) and cutting.

A DoALL representative will help you select the right machine for your application. There are financing programs also available to help you work through any budgetary constraints.

### 4. High vs. Low Production

In high production applications (6 or more hours per shift or high cutting rates) a heavy-duty saw, wide band, and more horsepower provide greater productivity and reliability.

## 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.



DS-500SA



SC-75A



DC-400CNC



DC-750CNC



400-S



TF-1418



S-280CNC



DC-800NC

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# Do you make straight cuts or do you make angled/miter cuts?

## Straight Cuts—90 Degrees Only

Do you need to Bundle Cut your Material?

No Bundling

Are you looking for a Manual or Automatic Saw?

Manual Operation		
Model	Capacity	
400-M	10 x 16"	●
400-S	10 x 16"	●
C-4100M	14 x 16"	●
TF-1418	14 x 18"	●
500-S	14 x 20"	●
500-DS	14 x 20"	●
2012-VH	20 x 12"	●
2013-V	20 x 13"	●
2013-V3	20 x 13"	●
2013-V5	20 x 13"	●
2613-V3	26 x 13"	●
3612-VH	36 x 12"	●
3613-V	36 x 13"	●
3613-V3	36 x 13"	●
3613-V5	36 x 13"	●

Automatic Operation

Low or High Production?

Low Production		
Model	Capacity	
400-A	10 x 16"	●
400-AV	10 x 16"	●
DC-280NC	11 x 11.75"	●
500-SNC	14 x 20"	●
DC-330NC	13 x 15.75"	●
DC-420NC	16.5 x 16.5"	●
800-SNC	21 x 31.5"	●

High Production		
Model	Capacity	
C-4100A	14 x 16"	●
C-4100NC	14 x 16"	●
DC-460NC	18 x 20"	●
DC-560NC	22 x 24"	●
DC-700NC	27 x 31"	●
ZV-3620	36 x 15"	●
DC-800NC	31.5 x 39.5"	●

Bundling Cutting Available

Are you looking for a Manual, Semi-Automatic or Automatic Saw?

Manual Operation

Saw Type

Tilt Frame		
Model	Capacity	
TF-1822M	18 x 22"	●
TF-2025M	20 x 25"	●

High Production		
Model	Capacity	
C-4100M	14 x 16"	●

Semi-Automatic

Low or High Production?

Low Production		
Model	Capacity	
DC-280SA	11 x 11.75"	●
DC-330SA	13 x 15.75"	●

High Production		
Model	Capacity	
TDC-400SA	16 x 16"	●
TDC-600SA	20 x 24"	●
DC-500SA	20 x 22"	●
DC-560SA	22 x 31.5"	●
TDC-1000SA	38 x 40"	●
DC-800SA	31.5 x 39.5"	●

Automatic Operation

Low or High Production?

Low Production		
Model	Capacity	
DC-280NC	11 x 11.75"	●
DC-330NC	13 x 15.75"	●
500-SNC	14 x 20"	●
DC-420NC	16.5 x 16.5"	●
800-SNC	21 x 31.5"	●

High Production		
Model	Capacity	
DC-300CNC	12 x 12"	●
C-4100A	14 x 16"	●
C-4100NC	14 x 16"	●
DC-400CNC	16 x 16"	●
TDC-400CNC	16 x 16"	●
DC-460NC	18 x 20"	●
DC-510CNC	20 x 20"	●
TDC-600CNC	20 x 24"	●
DC-560NC	22 x 24"	●
DC-750CNC	28 x 30"	●
DC-700NC	27 x 31"	●
DC-1000CNC	33.5 x 40"	●
TDC-1000CNC	38 x 40"	●
DC-800NC	31.5 x 39.5"	●
DC-1400CNC	47 x 55"	●

### Additional Categories

Circular Saws		
Model	Capacity	
SC-75A	Up to 3"	●
SC-100A	Up to 4"	●
SC-130A	Up to 5"	●

### Diamond Saws

Model	Capacity	
2012-D12	20 x 12"	●
2612-D24	26 x 12"	●
2613-D36	26 x 13"	●
2616-D24	26 x 16"	●
D-900	35 x 16"	●

\* Not included in this publication

## Angle or Miter Cuts—up to 60 Degrees

Do you need to Bundle Cut your Material?

No Bundling

Are you looking for a Manual or Automatic Saw?

Manual Operation		
Model	Capacity	
400-M	10 x 16"	●
400-S	10 x 16"	●
C-4100M	14 x 16"	●
TF-1418	14 x 18"	●
500-S	14 x 20"	●
500-DS	14 x 20"	●
Table Tilts		
2012-VH	20 x 12"	●
2013-V	20 x 13"	●
2013-V3	20 x 13"	●
2013-V5	20 x 13"	●
2613-V3	26 x 13"	●
3612-VH	36 x 12"	●
3613-V	36 x 13"	●
3613-V3	36 x 13"	●
3613-V5	36 x 13"	●

Automatic Operation

Low or High Production?

Low Production		
Model	Capacity	
500-SNC	14 x 20"	●
800-SNC	21 x 31.5"	●

High Production		
Model	Capacity	
TF-1822NC	18 x 22"	●
TF-2025NC	20 x 25"	●

Bundling Cutting Available

Are you looking for a Manual, Semi-Automatic or Automatic Saw?

Manual Operation

Saw Type

Tilt Frame		
Model	Capacity	
TF-1822M	18 x 22"	●
TF-2025M	20 x 25"	●

StructurALL®		
Model	Capacity	
DS-280M	7 x 11"	●
500-S	14 x 20"	●
500-DS	14 x 20"	●

\* Not included in this publication

Semi-Automatic

Low or High Production?

Low Production		
Model	Capacity	
DS-280SA	7 x 11"	●
DC-280SA	11 x 11.75"	●
DS-500SA	14 x 20"	●
DC-330SA	13 x 15.75"	●
DS-400CNC	14 x 16"	●

High Production		
Model	Capacity	
DCDS-600SA	17.25 x 24"	●
DCDS-750SA	19 x 30"	●
DC-500SA	20 x 22"	●
DC-560SA	22 x 31.5"	●
DC-800SA	31.5 x 39.5"	●

\* Not included in this publication

Automatic Operation

Low or High Production?

Low Production		
Model	Capacity	
S-280CNC	9 x 11"	●
DS-400CNC	14 x 16"	●
500-SNC	14 x 20"	●
800-SNC	21 x 31.5"	●

High Production		
Model	Capacity	
DCDS-600NC	17.25 x 24"	●
TF-1822NC	18 x 22"	●
DCDS-750NC	19 x 30"	●
TF-2025NC	20 x 25"	●

## The Original Manufacturer of Metal Cutting Industrial Band Saws

DoALL® Sawing Products is the original manufacturer of metal cutting industrial band saws and continues to be an industry leader after nearly 85 years.

Even though we specialize in metal cutting band saws, our legacy continues to parts and service as well. DoALL

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 America and around the globe – are trained in service and repair of the entire line of DoALL band saws.





#### StructurALL® Band Saws

DoALL Model Number	400-M	400-S	400-A	400-AV	500-S	500-DS	500-SNC	800-SNC
Capacity Rectangle @ 90° H x W	10 x 16" (254 x 406 mm)	10 x 16" (254 x 406 mm)	10 x 16" (254 x 406 mm)	10 x 16" (254 x 406 mm)	14 x 20" (355 x 510 mm)	14 x 20" (355 x 510 mm)	14 x 20" (355 x 510 mm)	21 x 31-1/2" (530 x 800 mm)
Capacity Round @ 90°	10-3/4" (273 mm)	10-3/4" (273 mm)	10-3/4" (273 mm)	10-3/4" (273 mm)	14-3/4" (375 mm)	15" (381 mm)	14-3/4" (375 mm)	21" (530 mm)
Blade Drive Motor	2 hp (1.5 kW)	2 hp (1.5 kW)	3 hp (2.23 kW)	3 hp (2.23 kW)	5 hp (3.75 kW)	5 hp (3.75 kW)	5 hp (3.75 kW)	10 hp (7.5 kW)
Blade Speeds	105–275 fpm (32–82 mpm)	105–275 fpm (32–82 mpm)	50–400 fpm (15–120 mpm)	50–400 fpm (15–120 mpm)	50–400 fpm (15–120 mpm)	50–400 fpm (15–120 mpm)	50–400 fpm (15–120 mpm)	75–400 fpm (23–122 mpm)
Maximum Blade Length	158" (4013 mm)	158" (4013 mm)	158" (4013 mm)	158" (4013 mm)	197" (5003 mm)	197" (5003 mm)	197" (5003 mm)	271" (6883mm)
Blade Widths & Gage	1 x 0.035" (25.4 x 0.89 mm)	1 x 0.035" (25.4 x 0.89 mm)	1 x 0.035" (25.4 x 0.89 mm)	1 x 0.035" (25.4 x 0.89 mm)	1-1/4 x.042" (32 x 1.1 mm)	1-1/4 x.042" (32 x 1.1 mm)	1-1/4 x.042" (32 x 1.1 mm)	1-1/2 x 0.05" (38 x 1.3 mm)
Floor Space Required (L x W x H)	87 x 37 x 55" (2210 x 940 x 1397 mm)	87 x 42 x 55" (2210 x 1067 x 1397 mm)	90 x 54 x 55" (2286 x 1372 x 1397 mm)	90 x 54 x 55" (2286 x 1372 x 1397 mm)	96 x 60 x 92.5" (2438 x 1524 x 2350 mm)	98 x 102 x 90" (2489 x 2591 x 2286 mm)	96 x 102 x 90" (2348 x 2591 x 2286 mm)	155 x 185 x 111" (3937 x 4699 x 2819 mm)



#### General Purpose StructurALL Band Saws

DoALL Model Number	DS-280SA	S-280CNC	DS-400CNC	DS-500SA
Capacity Rectangle @ 90° H x W	7 x 11" (180 x 280 mm)	9 x 11" (220 x 280 mm)	14 x 16" (350 x 400 mm)	14 x 20" (360 x 500 mm)
Capacity Round @ 90°	9" (230 mm)	9.5" (240 mm)	15" (380 mm)	15" (380 mm)
Blade Drive Motor	2 hp (1.5 kW)	3 hp (2.23 kW)	4 hp (3 kW)	4 hp (3 kW)
Blade Speeds	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)
Maximum Blade Length	107" (2720 mm)	117" (2980 mm)	178" (4520 mm)	188" (4780 mm)
Blade Widths & Gage	1 x 0.035" (27 x 0.9 mm)	1 x 0.035" (27 x 0.9 mm)	1-1/4 x 0.042" (34 x 1.1 mm)	1-1/4 x 0.042" (34 x 1.1 mm)
Floor Space Required (L x W x H)	74 x 42 x 77" (1860 x 1045 x 1950 mm)	85 x 87 x 75" (2150 x 2200 x 1900 mm)	91 x 108 x 99" (2300 x 2750 x 2500 mm)	109 x 38 x 90" (2750 x 950 x 2270 mm)



#### Hercules™ Enclosed CNC Band Saws

DoALL Model Number	DC-300CNC	DC-400CNC	DC-510CNC	DC-750CNC	DC-1000CNC	DC-1400CNC
Capacity Rectangle @ 90° H x W	12 x 12" (300 x 300 mm)	16 x 16" (400 x 400 mm)	20 x 20" (510 x 510 mm)	28 x 30" (700 x 750 mm)	33-1/2 x 40" (850 x 1000 mm)	47 x 55" (1200 x 1400 mm)
Capacity Round @ 90°	12" (300 mm)	16" (400 mm)	20" (510 mm)	28" (700 mm)	33.5" (850 mm)	47" (1200 mm)
Blade Drive Motor	5 hp (4 kW)	7.5 hp (5.6 kW)	10 hp (7.5 kW)	15 hp (11.1 kW)	15 hp (11.1 kW)	15 hp (11.1 kW)
Blade Speeds	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	50–262 fpm (15–80 mpm)	50–262 fpm (15–80 mpm)	50–262 fpm (15–80 mpm)	50–262 fpm (15–80 mpm)
Maximum Blade Length	178" (4520 mm)	220" (5580 mm)	238–1/2" (6060 mm)	303" (7680 mm)	374" (9490 mm)	458" (11650 mm)
Blade Widths & Gage	1-1/4 x 0.042" (34 x 1.1 mm)	1-1/2 x 0.05" (41 x 1.3 mm)	2 x 0.063" (54 x 1.6 mm)	2-5/8 x 0.063" (67 x 1.6 mm)	2-5/8 x 0.063" (67 x 1.6 mm)	3-3/20 x 0.063" (80 x 1.6 mm)
Floor Space Required (L x W x H)	87 x 82 x 85" (2200 x 2080 x 2140 mm)	117 x 103 x 87" (2970 x 2600 x 2200 mm)	122 x 95 x 103" (3100 x 2400 x 2600 mm)	286 x 159 x 103" (7250 x 4030 x 2600 mm)	246 x 161 x 128" (6230 x 4080 x 3250 mm)	205 x 93 x 158" (5200 x 2350 x 4000 mm)



#### StructurALL Dual Column, Dual Swivel Band Saws

DoALL Model Number	DCDS-600SA	DCDS-600NC	DCDS-750SA	DCDS-750NC
Capacity Rectangle @ 90° H x W	17.25 x 24" (440 x 610 mm)	17.25 x 24" (440 x 610 mm)	19 x 30" (480 x 750 mm)	19 x 30" (480 x 750 mm)
Capacity Round @ 90°	18.5" (470 mm)	18.5" (470 mm)	20" (500 mm)	20" (500 mm)
Blade Drive Motor	5 hp (4 kW)	5 hp (4 kW)	5 hp (4 kW)	5 hp (4 kW)
Blade Speeds	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)
Maximum Blade Length	238-1/2" (6060 mm)	238-1/2" (6060 mm)	256" (6500 mm)	256" (6500 mm)
Blade Widths & Gage	1-1/4 x 0.042" (34 x 1.1 mm)	1-1/4 x 0.042" (34 x 1.1 mm)	1-1/2" x 0.05" (41 x 1.3 mm)	1-1/2" x 0.05" (41 x 1.3 mm)
Floor Space Required (L x W x H)	138 x 69 x 87" (3500 x 1760 x 2200 mm)	126 x 192 x 94" (3200 x 4880 x 2390 mm)	142 x 67 x 95" (3600 x 1700 x 2400 mm)	142 x 232 x 95" (3600 x 5880 x 2400 mm)



#### Olympia™ Specialty Tube and Pipe Band Saws

DoALL Model Number	TDC-400SA	TDC-400CNC	TDC-600SA	TDC-600CNC	TDC-1000SA	TDC-1000CNC	TDC-1400SA
Capacity Rectangle @ 90° H x W	16 x 16" (400 x 400 mm)	16 x 16" (400 x 400 mm)	20 x 24" (510 x 610 mm)	20 x 24" (510 x 610 mm)	38 x 40" (960 x 1000 mm)	38 x 40" (960 x 1000 mm)	28 x 55" (700 x 1400 mm)
Capacity Round @ 90°	16" (400 mm)	16" (400 mm)	24" (610 mm)	24" (610 mm)	40" (1000 mm)	40" (1000 mm)	55" (1400 mm)
Blade Drive Motor	4 hp (3 kW)	4 hp (3 kW)	5 hp (4 kW)	5 hp (4 kW)	10 hp (7.5 kW)	10 hp (7.5 kW)	10 hp (7.5 kW)
Blade Speeds	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	65–328 fpm (20–100 mpm)	50–262 fpm (15–80 mpm)
Maximum Blade Length	178" (4520 mm)	178" (4520 mm)	245–1/4" (6230 mm)	245–1/4" (6230 mm)	351" (8920 mm)	351" (8920 mm)	367" (9360 mm)
Blade Widths & Gage	1-1/4 x 0.042" (34 x 1.1 mm)	1-1/4 x 0.042" (34 x 1.1 mm)	1-1/2" x 0.05" (41 x 1.3 mm)	1-1/2" x 0.05" (41 x 1.3 mm)	2 x 0.063" (54 x 1.6 mm)	2 x 0.063" (54 x 1.6 mm)	2 x 0.063" (54 x 1.6 mm)
Floor Space Required (L x W x H)	63 x 41 x 81" (1600 x 1030 x 2050 mm)	63 x 88 x 81" (1600 x 2200 x 2050 mm)	112 x 51 x 102" (1300 x 4180 x 2600 mm)	51 x 165 x 103" (1300 x 4180 x 2600 mm)	169 x 75 x 146" (4290 x 1910 x 3700 mm)	169 x 75.2 x 146" (4290 x 1910 x 3700 mm)	205 x 72 x 134" (5200 x 1810 x 3400 mm)



#### Continental Series™ Production Column Automatic Band Saws

DoALL Model Number	DC-280NC	DC-330NC	DC-420NC	DC-460NC	DC-560NC	DC-700NC	DC-800NC
Capacity Rectangle @ 90° H x W	11 x 11-3/4" (280 x 300 mm)	13 x 15-3/4" (330 x 400 mm)	16-1/2 x 16-1/2" (420 x 420 mm)	18 x 20" (460 x 510 mm)	22 x 24" (560 x 610 mm)	27 x 31" (700 x 800 mm)	31-1/2 x 39-1/2" (800 x 1000 mm)
Capacity Round @ 90°	11" (280 mm)	13" (330 mm)	16-1/2" (420 mm)	18" (460 mm)	22" (560 mm)	27" (700 mm)	31-1/2" (800 mm)
Blade Drive Motor	5 hp (3.75 kW)	5 hp (3.75 kW)	10 hp (7.5 kW)	10 hp (7.5 kW)	10 hp (7.5 kW)	10 hp (7.5 kW)	15 hp (11.1 kW)
Blade Speeds	72–390 fpm (22–120 mpm)	72–390 fpm (22–120 mpm)	72–390 fpm (22–120 mpm)	72–390 fpm (22–120 mpm)	72–390 fpm (22–120 mpm)	72–390 fpm (22–120 mpm)	52–275 fpm (16–85 mpm)
Maximum Blade Length	151" (3820 mm)	167" (4242 mm)	192" (4880 mm)	209" (5310 mm)	260" (6604 mm)	325" (8255 mm)	347" (8800 mm)
Blade Widths & Gage	1-1/4 x 0.042" (32 x 1.1 mm)	1-1/4 x 0.042" (34 x 1.1 mm)	1-1/2 x 0.05" (38 x 1.3 mm)	1-1/2 x 0.05" (38 x 1.3 mm)	2 x 0.05" (51 x 1.3 mm)	2-5/8 x 0.063" (67 x 1.6 mm)	2-5/8 x 0.063" (67 x 1.6 mm)
Floor Space Required (L x W x H)	125 x 108 x 51" (3160 x 2750 x 1300 mm)	135 x 118 x 55" (3420 x 2980 x 1400 mm)	145 x 118 x 66" (3680 x 2980 x 1665 mm)	154 x 118 x 71" (3900 x 3000 x 1800 mm)	188 x 112 x 85" (4760 x 2850 x 2160 mm)	154 x 89 x 90" (3910 x 2240 x 2300 mm)	171 x 94 x 108" (4350 x 2390 x 2750 mm)



#### Circular Saws

DoALL Model Number	SC-75A	SC-100A	SC-130A
Capacity Rectangle @ 90° H x W	0.3–2.36 x 0.3–2.36" (8–60 x 8–60 mm)	0.39–3.15 x 0.39–3.15" (10–80 x 10–80 mm)	2.6–3.7 x 2.6–3.7" (65–95 x 65–95 mm)
Capacity Round @ 90°	Up to 3" (75 mm)	Up to 4" (100 mm)	Up to 5" (130 mm)
Blade Drive Motor	10 hp (7.5 kW)	15 hp (11.1 kW)	20 hp (15 kW)
Blade Speeds	30–150 fpm (9–45.7 mpm)	30–150 fpm (9–45.7 mpm)	165–395 fpm (50–120 mpm)
Maximum Blade Length	11.2" (285 mm)	14.2" (360 mm)	16.7" (425 mm)
Blade Widths & Gage	0.079 x 0.069" (2 x 1.75 mm)	0.102 x 0.089" (2.6 x 2.25 mm)	0.106 x 0.089" (2.7 x 2.25 mm)
Floor Space Required (L x W x H)	109" x 267" (2765 x 6755 mm)	112" x 271" (2850 x 6890 mm)	109 x 290" (2760 x 7362 mm)



Continental Series™ Production Column Semi-Automatic Band Saws							
DoALL Model Number	DC-280SA	DC-330SA	DC-500SA	DC-560SA	DC-800SA	DC-1100SA	DC-1700SA
Capacity Rectangle @ 90° H x W	11 x 11-3/4" (280 x 300 mm)	13 x 15-3/4" (330 x 400 mm)	20 x 22" (500 x 560 mm)	22 x 31-1/2" (560 x 800 mm)	31-1/2 x 39-1/2" (800 x 1000 mm)	43-1/2 x 43-1/2" (1100 x 1100 mm)	51-1/4 x 67" (1300 x 1700 mm)
Capacity Round @ 90°	11" (280 mm)	13" (330 mm)	120" (510 mm)	22" (560 mm)	31-1/2" (800 mm)	43-1/2" (1100 mm)	51-1/4" (1300 mm)
Blade Drive Motor	5 hp (3.7 kW)	5 hp (3.7 kW)	7.5 hp (5.6 kW)	10 hp (7.5 kW)	15 hp (11.2 kw)	15 hp (11.2 kw)	20 hp (15 kw)
Blade Speeds	66–262 fpm (20–80 mpm)	66–262 fpm (20–80 mpm)	66–262 fpm (20–80 mpm)	52–279 fpm (16–85 mpm)	85–279 fpm (16–85 mpm)	49–262 fpm (15–80 mpm)	39–246 fpm (12–75 mpm)
Maximum Blade Length	151" (3820 mm)	167" (4242 mm)	215" (5450 mm)	268" (6800 mm)	347" (8800 mm)	394" (10000 mm)	512" (13000 mm)
Blade Widths & Gage	1-1/4 x 0.042" (34 x 1.1 mm)	1-1/4 x 0.042" (34 x 1.1 mm)	1-1/2 x 0.05" (41 x 1.3 mm)	2 x 0.063" (54 x 1.6 mm)	2-5/8 x 0.063" (67 x 1.6 mm)	2-5/8 x 0.063" (67 x 1.6 mm)	3-3/20 x 0.063" (80 x 1.6 mm)
Floor Space Required (L x W x H)	83 x 48 x 60" (2110 x 1210 x 1520 mm)	88 x 48 x 61" (2240 x 1210 x 1550 mm)	114 x 61 x 71" (2890 x 1550 x 1800 mm)	130 x 77 x 79" (3300 x 1950 x 2000 mm)	171 x 85 x 104" (4350 x 2160 x 2650 mm)	95 x 181 x 128" (2400 x 4600 x 3250 mm)	110 x 244 x 150" (2800 x 6200 x 3800 mm)



Vertical Diamond Band Saws				
DoALL Model Number	2012-D12	2612-D24	2613-D36	D-900
Capacity Rectangle @ 90° H x W	20 x 12" (510 x 305 mm)	26 x 12" (660 x 305 mm)	26 x 13" (660 x 330 mm)	35 x 16" (900 x 406 mm)
Capacity Round @ 90°	12" (305 mm)	12" (305 mm)	13" (330 mm)	16" (406 mm)
Blade Drive Motor	5 hp (3.75 kW)	5 hp (3.75 kW)	5 hp (3.75 kW)	15 hp (11.1 kW)
Blade Speeds	550–5500 fpm (170–1680 mpm)	550–5500 fpm (170–1680 mpm)	1000–4000 fpm (305–1219 mpm)	1000–5000 fpm (305–1525 mm)
Maximum Blade Length	154" (3912 mm)	154" (3912 mm)	186" (4725 mm)	234" (5940 mm)
Blade Widths & Gage	1" (25.4 mm)	1/2"–1" (13–25.4 mm)	1/2 – 3/4" (13–19 mm)	1-1/4" (32 mm)
Floor Space Required (L x W x H)	54 x 58 x 82" (1380 x 1475 x 2070 mm)	60 x 45 x 82" (1524 x 1143 x 2070 mm)	95 x 64 x 82" (3413 x 1626 x 2070 mm)	95 x 64 x 82" (3413 x 1626 x 2070 mm)



Vertical Contour Band Saws									
DoALL Model Number	2012-VH	2013-V	2013-V3	2013-V5	2613-V3	3612-VH	3613-V	3613-V3	3613-V5
Capacity Rectangle @ 90° H x W	20 x 12" (510 x 305 mm)	20 x 13" (510 x 330 mm)	20 x 13" (510 x 330 mm)	20 x 13" (510 x 330 mm)	26 x 13" (660 x 330 mm)	36 x 12" (915 x 305 mm)	36 x 13" (915 x 330 mm)	36 x 13" (915 x 330 mm)	36 x 13" (915 x 330 mm)
Capacity Round @ 90°	12" (305 mm)	13" (330 mm)	13" (330 mm)	13" (330 mm)	13" (330 mm)	12" (305 mm)	13" (330 mm)	13" (330 mm)	13" (330 mm)
Blade Drive Motor	3 hp (2.23 kW)	2 hp (1.5 kW)	3 hp (2.23 kW)	5 hp (3.75 kW)	3 hp (2.23 kW)	3 hp (2.23 kW)	3 hp (2.23 kW)	3 hp (2.23 kW)	5 hp (3.75 kW)
Blade Speeds	30–5500 fpm (9–1680 mpm)	55–5200 fpm (17–1585 mpm)	30–5500 fpm (9–1680 mpm)	550–5500 fpm (170–1680 mpm)	30–5500 fpm (9–1680 mpm)	30–5500 fpm (9–1680 mpm)	55–5200 fpm (17–1585 mpm)	30–5500 fpm (9–1680 mpm)	550–5500 fpm (170–1680 mpm)
Maximum Blade Length	154" (3912 mm)	154" (3912 mm)	154" (3912 mm)	154" (3912 mm)	185" (4700 mm)	199" (5055 mm)	199" (5055 mm)	199" (5055 mm)	199" (5055 mm)
Blade Widths & Gage	1/8"–1" (3.2–25.4 mm)	1/8"–1/2" (3.2–12.7 mm)	1/8"–1" (3.2–25.4 mm)	1/8"–1" (3.2–25.4 mm)	1/8 – 1" (3.2–25.4 mm)	1/8"–1" (3.2–25.4 mm)	1/8"–1" (3.2–25.4 mm)	1/8"–1" (3.2–25.4 mm)	1/8"–1" (3.2–25.4 mm)
Floor Space Required (L x W x H)	54 x 58 x 82" (1380 x 1475 x 2070 mm)	44 x 55 x 80" (1128 x 1399 x 2036 mm)	54 x 45 x 82" (1360 x 1145 x 2070 mm)	54 x 45 x 82" (1360 x 1145 x 2070 mm)	60 x 45 x 82" (1524 x 1143 x 2070 mm)	74 x 45 x 82" (1880 x 1145 x 2070 mm)	74 x 45 x 82" (1880 x 1145 x 2070 mm)	74 x 45 x 82" (1880 x 1145 x 2070 mm)	74 x 45 x 82" (1880 x 1145 x 2070 mm)



High Production Band Saws	
DoALL Model Number	ZV-3620
Capacity Rectangle @ 90° H x W	36 x 15" (914 x 381 mm)
Capacity Round @ 90°	Up to 20" (510 mm)
Blade Drive Motor	15 hp (11.1 kW)
Blade Speeds	1000–15000 fpm (305–4570 mpm)
Maximum Blade Length	232–240" (5893–6096 mm)
Blade Widths & Gage	1/8"–1" (3.2–25.4 mm)
Floor Space Required (L x W x H)	52-1/2" x 80" (1334 x 2032 mm)



Vertical Tilt Frame Band Saws					
DoALL Model Number	TF-1418	TF-1822M	TF-1822NC	TF-2025M	TF-2025NC
Capacity Rectangle @ 90° H x W	14 x 18" (356 x 457 mm)	18 x 22" (457 x 560 mm)	18 x 22" (457 x 560 mm)	20 x 25" (510 x 635 mm)	20 x 25" (510 x 635 mm)
Capacity Round @ 90°	10" (254 mm)	18" (457 mm)	17-1/2" (445 mm)	20" (510 mm)	20" (510 mm)
Blade Drive Motor	2 hp (1.5 kW)	5 hp (3.75 kW)	7.5 hp (5.6 kW)	10 hp (7.5 kW)	10 hp (7.5 kW)
Blade Speeds	50–400 fpm (15–120 mpm)	65–385 fpm (20–120 mpm)	65–385 fpm (20–120 mpm)	50–400 fpm (15–120 mpm)	50–300 fpm (15–90 mpm)
Maximum Blade Length	157" (3988 mm)	195" (4980 mm)	179" (4547 mm)	209" (5310 mm)	209" (5310 mm)
Blade Widths & Gage	1 x 0.035" (25.4 x 0.89 mm)	1-1/4" (32 mm)	1-1/4" (32 mm)	1-1/4 x.042" (32 x 1.1 mm)	1-1/4 x.042" (32 x 1.1 mm)
Floor Space Required (L x W x H)	90 x 54 x 97" (2286 x 1372 x 2464 mm)	140 x 100 x 97" (3556 x 2540 x 2464 mm)	143 x 120 x 97" (3632 x 3048 x 2464 mm)	113 x 168 x 108" (2870 x 4267 x 2743 mm)	86 x 198.5" (2184 x 5042 mm)



High Production Horizontal Band Saws			
DoALL Model Number	C-4100M	C-4100A	C-4100NC
Capacity Rectangle @ 90° H x W	14 x 16" (356 x 406 mm)	14 x 16" (356 x 406 mm)	14 x 16" (356 x 406 mm)
Capacity Round @ 90°	16" (406 mm)	16" (406 mm)	16" (406 mm)
Blade Drive Motor	10 hp (7.5 kW)	10 hp (7.5 kW)	10 hp (7.5 kW)
Blade Speeds	40–360 fpm (12–110 mpm)	40–360 fpm (12–110 mpm)	40–360 fpm (12–110 mpm)
Maximum Blade Length	186" (4725 mm)	186" (4725 mm)	186" (4725 mm)
Blade Widths & Gage	1-1/2 x 0.05" (38 x 1.3 mm)	1-1/2 x 0.05" (38 x 1.3 mm)	1-1/2 x 0.05" (38 x 1.3 mm)
Floor Space Required (L x W x H)	82-1/2 x 111" (2096 x 2819 mm)	82-1/2 x 111" (2096 x 2819 mm)	95-1/4 x 168" (2420 x 4260 mm)