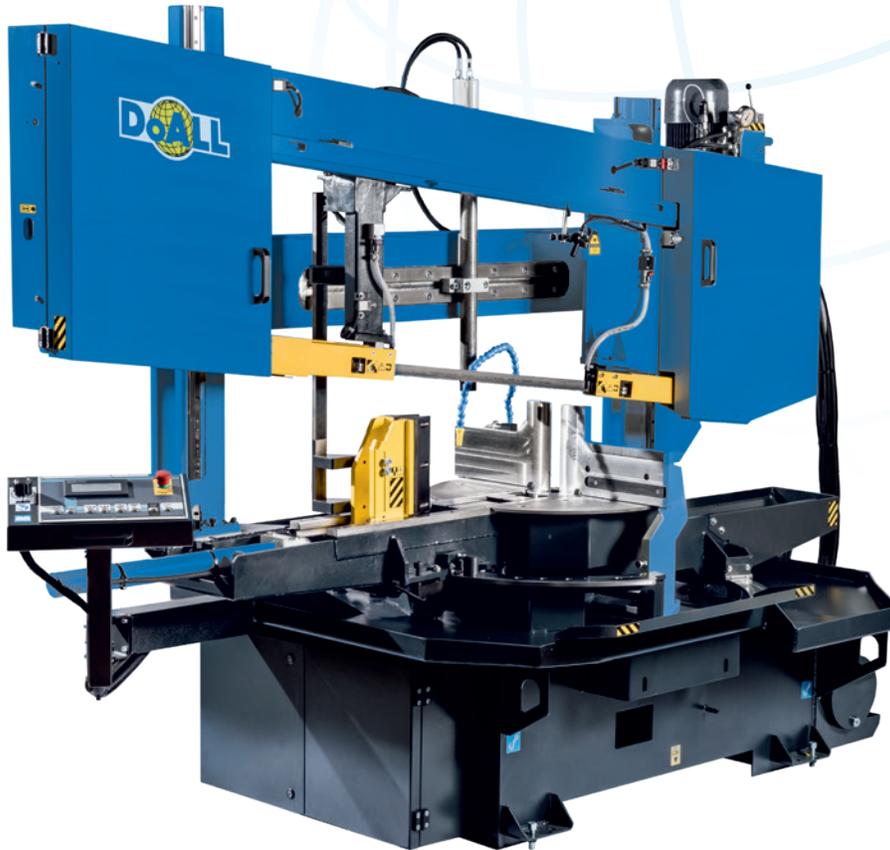


Horizontal Structural Saws



DCDS-600SA
Horizontal Structural Saw –
17¼" x 24" Rectangular Capacity
and 18" Round Capacity

STRUCTURALL®

DoALL StructurALL® series metal cutting band saws are among the best multi-purpose horizontal band saws in the industry. Specially engineered for high performance in fabricating environments, these horizontal swivel or scissor style saws are built for speed, accuracy and increased profits for your business.

DoALL offers a full range of StructurALL metal cutting band saws with round capacities up to 21½ inches. A large variety of optional accessories are available to customize these machines for specific sawing requirements. DoALL StructurALL metalworking saws are an economical, option to meet your needs without straining your budget!



Solutions for ALL Your Sawing Needs

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.

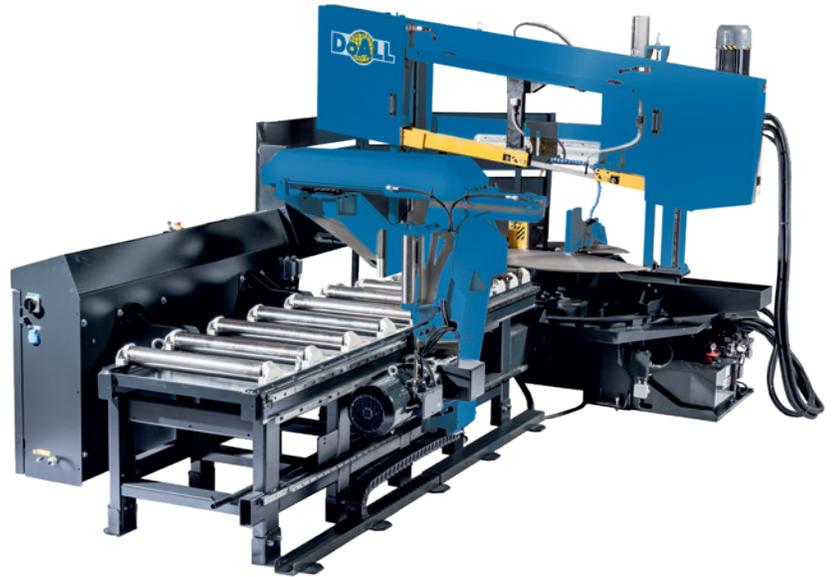
| DoALL Model Number | DCDS-600SA | DCDS-600NC | DCDS-750SA | DCDS-750NC |
|------------------------------------|-----------------------------------|------------------------------------|-----------------------------------|------------------------------------|
| Warranty | Parts/Service | Parts/Service | Parts/Service | Parts/Service |
| Warranty Length | 2-year standard | 2-year standard | 2-year standard | 2-year standard |
| Capacity Rectangle at 90° HxW | 17.25 x 24" (440x610mm) | 17.25 x 24" (440x610mm) | 19 x 30" (480x750mm) | 19 x 30" (480x750mm) |
| Capacity Round at 90° | 18.5" (470mm) | 18.5" (470mm) | 20" (500mm) | 20" (500mm) |
| Round Solid Capacity at 90° | 9-7/8" (250mm) | 9-7/8" (250mm) | 15-3/4" (400mm) | 15-3/4" (400mm) |
| Rectangle Capacity at 45° | 19.5 x 16.3" (495x415mm) | 19.5 x 16.3" (495x415mm) | 19.7 x 18.9" (500x480mm) | 19.7 x 18.9" (500x480mm) |
| Round Capacity at 45° | 18.5" (470mm) | 18.5" (470mm) | 19.7" (500mm) | 19.7" (500mm) |
| Rectangle Capacity at 60° | 12 x 16.7" (305x425mm) | 12 x 16.7" (305x425mm) | 13 x 18.9" (330x480mm) | 13 x 18.9" (330x480mm) |
| Round Capacity at 60° | 13" (330mm) | 13" (330mm) | 13" (330mm) | 13" (330mm) |
| Blade Drive Motor | 5 hp (4kW) | 5 hp (4kW) | 5 hp (4kW) | 5 hp (4kW) |
| Blade Speeds | 65-328 fpm (20-100mpm) | 65-328 fpm (20-100mpm) | 65-328 fpm (20-100mpm) | 65-328 fpm (20-100mpm) |
| Maximum Blade Length | 238-1/2" (6060mm) | 238-1/2" (6060mm) | 256" (6500mm) | 256" (6500mm) |
| Blade Widths & Gage | 1-1/4 x 0.042" (34x1.1mm) | 1-1/4 x 0.042" (34x1.1mm) | 1-1/2" x 0.05" (41x1.3mm) | 1-1/2" x 0.05" (41x1.3mm) |
| HMI Controller | Yes | Yes | Yes | Yes |
| Standard Indexer | N/A | 6.56 ft (2m) | N/A | 6.56 ft (2m) |
| More information at | doallsaws.com/dcds-600sa | doallsaws.com/dcds-600nc | doallsaws.com/dcds-750sa | doallsaws.com/dcds-750nc |
| Material Pass Line Height | 31-1/2" (800mm) | 31-1/2" (800mm) | 32" (815mm) | 32" (815mm) |
| Floor Space Required | 138 x 69 x 87" (3500x1760x2200mm) | 126 x 192 x 94" (3200x4880x2390mm) | 142 x 67 x 95" (3600x1700x2400mm) | 142 x 232 x 95" (3600x5880x2400mm) |
| Weight | 3715 lbs (1685kg) | 8455 lbs (3835kg) | 4409 lbs (2000kg) | 9149 lbs (4150kg) |
| Miter Cutting | 60 degrees Left and Right | 60 degrees Left and Right | 60 degrees Left and Right | 60 degrees Left and Right |
| Blade Guides | Carbide Faced | Carbide Faced | Carbide Faced | Carbide Faced |
| Index System | Hydraulic Control | Electromotor and gearbox | Hydraulic Control | Electromotor and gearbox |
| Hydraulic Pump | 3.8 hp (2.84kW) | 3.8 hp (2.84kW) | 3 hp (2.2kW) | 3 hp (2.2kW) |
| Hydraulic Tank Capacity | N/A | N/A | 3.4 gal (13.0 L) | 3.4 gal (13.0 L) |
| Coolant Pump | 0.16 hp (0.12kW) | 0.16 hp (0.12kW) | 0.16 hp (0.12kW) | 0.16 hp (0.12kW) |
| Coolant Tank Capacity | 6-5/8 gal (25 lit) | 6-5/8 gal (25 lit) | 10-1/2 gal (40 lit) | 10-1/2 gal (40 lit) |
| Auto Index Single Stroke Min-Max | N/A | 0.12-78.7" (3-2000mm) | N/A | 0.12-78.7" (3-2000mm) |
| Auto Index Multiple Stroke Min-Max | N/A | 394" (9999mm) | N/A | 394" (9999mm) |
| Max Bundle Capacity at 90° | 24" x 10" (610x255mm) | 24" x 10" (610x255mm) | 29.5" x 10.2" (750x260mm) | 29.5" x 10.2" (750x260mm) |
| Min Bundle Capacity at 90° | 0.4" (10mm) | 0.4" (10mm) | 0.4" (10mm) | 3.3" (85mm) |
| Minimum Butt End | 1.2" (30mm) | 5.5" (140mm) | 1.2" (30mm) | 4.7" (120mm) |
| Vise | Hydraulic | Hydraulic | Hydraulic | Hydraulic |

Features and Benefits:

- True dual column design with high rigidity for outstanding cutting performance and life
- Dual miter capability up to 60 degrees right and left
- Standard work area lighting
- Optional right and left modular work conveyors
- Optional power work conveyors
- Optional lift conveyors
- Optional right and left work roll table to ease movement of material



DCDS-600SA



DCDS-600NC



DCDS-750SA



DCDS-750NC

DoALL offers a variety of low cost, general purpose production metal-cutting band saws. These saws are ideal for small shops and maintenance facilities that have an occasional need to cut structural material. A large variety of optional accessories are available to customize the machine for specific sawing requirements.

| DoALL Model Number | DS-280M | DS-320M | S-320CNC | S-500CNC - Coming Soon |
|---------------------------------------|--|--|--|--|
| Warranty | Parts/Service | Parts/Service | Parts/Service | Parts/Service |
| Warranty Length | 1 year standard | 1 year standard | 1 year standard | 1 year standard |
| Capacity Rectangle at 90° WxH | 8.2 x 11" (210 x 280mm) | 11.75 x 12.5" (300 x 320mm) | 11.75 x 12.5" (300 x 320mm) | 14 x 20" (360 x 500mm) |
| Capacity Round at 90° | 9" (230mm) | 11.75" (300mm) | 11.75" (300mm) | 14" (360mm) |
| Round Solid Capacity at 90° | 5.875" (150mm) | 7" (180mm) | 7" (180mm) | 9-7/8" (250mm) |
| Rectangle Capacity at 45° | 7.1 x 6.7" (180 x 170mm) | 11.75 x 9.75" (300 x 250mm) | 11.75 x 9.75" (300 x 250mm) | 17.3 x 8.6" (440 x 220mm) |
| Round Capacity at 45° | 7.5" (190mm) | 11.75" (300mm) | 11.75" (300mm) | 14.2" (360mm) |
| Rectangle Capacity at 60° | 4.75 x 4" (100 x 70mm) | 7.75 x 7.75" (200 x 200mm) | 7.75 x 7.75" (200 x 200mm) | 12.2 x 8.6" (310 x 220mm) |
| Round Capacity at 60° | 4.75" (100mm) | 7.75" (200mm) | 7.75" (200mm) | 11.8" (300mm) |
| Blade Drive Motor | 1 - 1.5 hp (.75-1.1 kW) | 2 - 2.5 hp (1.4-1.8 kW) | 4 hp (3kW) | 5 hp (4kW) |
| Blade Speeds | 115/230 fpm (35/70 mpm) | 115/230 fpm (35/70 mpm) | 65-328 fpm (20-100 mpm) | 65-328 fpm (20-100 mpm) |
| Maximum Blade Diameter | 107" (2720mm) | 144" (3660mm) | 144" (3660mm) | 188" (4780mm) |
| Blade Widths & Gage | 1 x 0.035" (27 x 0.9mm) | 1 x 0.035" (27 x 0.9mm) | 1 x 0.035" (27 x 0.9mm) | 1-1/4 x 0.042" (34 x 1.1mm) |
| HMI Controller | Standard control panel | Standard control panel | Mitsubishi | Mitsubishi |
| Compatible Voltage | 230v, 3-Phase, 60Hz Wye configuration required | 230v, 3-Phase, 60Hz Wye configuration required | 230v, 3-Phase, 60Hz Wye configuration required | 460v, 3-Phase, 60Hz Wye configuration required |
| More Information Found at | doallsaws.com/ds-280m | doallsaws.com/ds-320m | doallsaws.com/s-320cnc | doallsaws.com/ds-500cnc |
| Material Pass Line Height | 31-1/3" (795mm) | 31-1/2" (800mm) | 31-1/2" (800mm) | 31-1/2" (800mm) |
| Floor Space Required | 65 x 35 x 74" (1650 x 885 x 1860mm) | 90 x 46 x 81" (270 x 1170 x 2040mm) | 91 x 90 x 81" (2309 x 2278 x 2041mm) | 100 x 100 x 56" (2550 x 2550 x 1420mm) |
| Weight | 618 lbs (280kg) | 1209 lbs (548kg) | 3000 lbs (1361kg) | 3307 lbs (1500kg) |
| Miter Cutting | 60 degrees Right and 45 degrees Left | 60 degrees Right and 45 degrees Left | 0-60 degrees Right | 0-60 degrees Right |
| Feed System | Manual/Gravitational | Manual/Gravitational | Hydraulic Control | Hydraulic |
| Coolant Pump | 0.07 hp (0.05kW) | 0.6 hp (0.44kW) | 0.6 hp (0.44kW) | 0.07 hp (0.05kW) |
| Coolant Tank Capacity | 2-3/8 gal (10 lit) | 5-1/4 gal (20 lit) | 5-1/4 gal (20 lit) | 5-1/4 gal (20 lit) |
| Auto Index Single Stroke Min-Max | N/A | N/A | 0.12-19.7" (3-500mm) | 0.12-19.7" (3-500mm) |
| Auto Index Multiple Stroke Min-Max | N/A | N/A | 394" (9999mm) | 394" (9999mm) |
| Maximum Nesting Capacity at 90° (wxh) | 11 x 4.7" (80x120mm) | 12.5 x 6.25" (320x160mm) | 9 x 4.75" (230x120mm) | Coming Soon |
| Minimum Nesting Capacity at 90° (wxh) | 0.20" (5mm) | 0.12" (3mm) | 7.9" x 0.4" (200x10mm) | Coming Soon |
| Minimum Butt End | N/A | 1.2" (30mm) | 0.8" (20mm) | 0.8" (20mm) |

Features and Benefits:

- Wide range of blade speeds
- Over feed protection
- High level of dampening with use of many key cast components
- Lift points of the machine are clearly indicated for ease of movement and installation
- Optional right or left miter modular designed work conveyors in 40" and 80" lengths
- Optional power roller conveyor makes moving heavy material easy



DS-280M



DS-320M



S-320CNC



S-500CNC

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



400S



DS-500SA

| DoALL Model Number | DS-320SA | 400-S | DS-500SA | DS-600SA |
|---------------------------------------|--|---|--|--|
| Warranty | Parts/Service | Parts Only | Parts/Service | Parts/Service |
| Warranty Length | 1 year standard | Send new parts | 1 year standard | 1 year standard |
| Capacity Rectangle at 90° WxH | 11.75 x 12.5" (300 x 320mm) | 10 x 16" (254 x 406mm) | 14 x 20" (360 x 500mm) | 18 x 23.5" (460 x 600mm) |
| Capacity Round at 90° | 11.75" (300mm) | 10-3/4" (273mm) | 15" (380mm) | 18" (460mm) |
| Round Solid Capacity at 90° | 7" (180mm) | 10-3/4" (273mm) | 9-7/8" (250mm) | 15-3/4" (400mm) |
| Rectangle Capacity at 45° | 11.75 x 9.75" (300 x 250mm) | 9 x 10-3/4" (229 x 273mm) | 15.75 x 7.5" (400 x 190mm) | 18.5 x 9.8" (470 x 250mm) |
| Round Capacity at 45° | 11.75" (300mm) | 10-3/4" (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) | 12.6 x 9.5" (320 x 240mm) |
| 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 | 115/230 fpm (35/70 mpm) | 105-275 fpm (32-82mpm) | 65-328 fpm (20-100 mpm) | 65-328 fpm (20-100 mpm) |
| Maximum Blade Diameter | 144" (3660mm) | 158" (4013 mm) | 188" (4780mm) | 212" (5380mm) |
| Blade Widths & Gage | 1 x 0.035" (27 x 0.9mm) | 1 x 0.035" (25.4x0.89mm) | 1-1/4 x 0.042" (34 x 1.1mm) | 1-1/2" x 0.05" (41 x 1.3mm) |
| HMI Controller | Mitsubishi | Yes | Mitsubishi | Mitsubishi |
| Compatible Voltage | 230v, 3-Phase, 60Hz Wye configuration required | 230v, 3-Phase, 60Hz Wye configuration required | 460v, 3-Phase, 60Hz Wye configuration required | 460v, 3-Phase, 60Hz Wye configuration required |
| More Information Found at | doallsaws.com/ds-320sa | doallsaws.com/400s | doallsaws.com/ds-500sa | doallsaws.com/ds-600sa |
| Material Pass Line Height | 31-1/2" (800mm) | 29-1/8" (740mm) | 32-1/3" (820mm) | 31-1/2" (800mm) |
| Floor Space Required | 90 x 46 x 81" (2270 x 1170 x 2040mm) | 87 x 42 x 55" (2210 x 1067 x 1397mm) | 109 x 38 x 90" (2750 x 950 x 2270mm) | 136 x 45 x 107" (3457 x 1140 x 2700mm) |
| Weight | 1290 lbs (585kg) | 1200 lbs (544kg) - spec says 1150 lbs | 1576 lbs (715kg) | 2646 lbs (1200kg) |
| Miter Cutting | 60 degrees Right and 45 degrees Left | 45 degrees | 60 degrees Left and Right | 60 degrees Left and Right |
| Feed System | Semi-Automatic Hydraulic | Hydraulic Control, Infinitely variable, Spring balanced head | Semi-Automatic Hydraulic | Semi-Automatic Hydraulic |
| Coolant Pump | 0.6 hp (0.44kW) | N/A | 0.6 hp (0.44kW) | 0.07 hp (0.05kW) |
| Coolant Tank Capacity | 5-1/4 gal (20 lit) | 6 gal (22 lit) | 5-1/4 gal (20 lit) | 5-1/4 gal (20 lit) |
| Auto Index Single Stroke Min-Max | N/A | N/A | N/A | N/A |
| Auto Index Multiple Stroke Min-Max | N/A | N/A | N/A | N/A |
| Maximum Nesting Capacity at 90° (wxh) | 12.5 x 6.25" (320x160mm) | N/A | 19.7" x 8.7" (500x220mm) | 23.6 x 9.8" (600x250mm) |
| Minimum Nesting Capacity at 90° (wxh) | 0.12" (3mm) | N/A | 0.20" (5mm) | 0.20" (5mm) |
| Minimum Butt End | 1.2" (30mm) | N/A | N/A | N/A |

Features and Benefits:

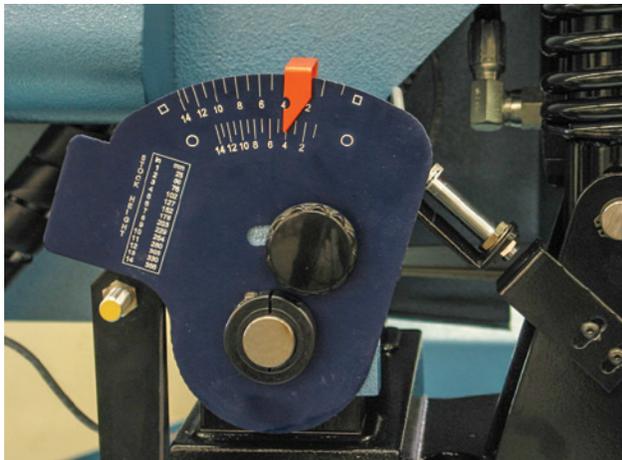
- Extremely accurate
- Large variety of options available for custom applications
- Budget friendly list pricing
- Wide band for faster cutting speeds
- Fast, accurate cut positioning
- Simple design for easy saw operation



DS-600SA



Laser



Work height sensor



Band door interlocks

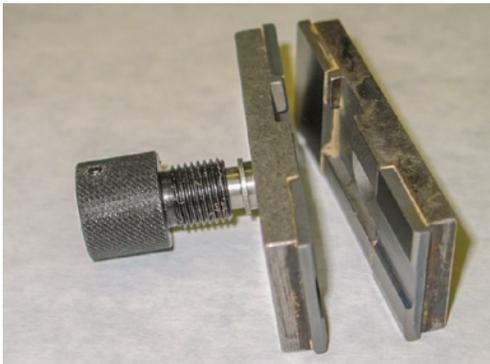


Work light



Gear driven band brush

Full stroke vises



Insert assembly



Wear plates

Standard Equipment on most models:

- HMI saw control
- Digital read out of cutting angle
- Work light
- Hydraulic band tension
- Feed rate indicator
- Automatic feed control
- Automatic guide arm setting
- Band brush
- Safety covers
- Flood coolant
- Tool kit
- Complimentary DoALL cutting fluids package
- One DoALL bi-metal saw blade
- Digital copy of operation and parts manuals

Optional Accessories on most models:

- Chain chip conveyor with pan
- Front and rear vise nesting
- Mist-style saw band lubrication
- Laser line generator
- Cut piece collection box with drain
- Large chip pan with drain
- Handle for chip pan or collection box
- Input or output roller conveyors
- Heavy-duty input or output roller conveyors
- Input and output powered conveyor for angle cuts
- Indexing extension
- Hydraulic lift input or output roller conveyor
- Fixed or movable side vertical guide roller
- Vertical hold down
- Additional conveyor rollers
- Wear parts service kit



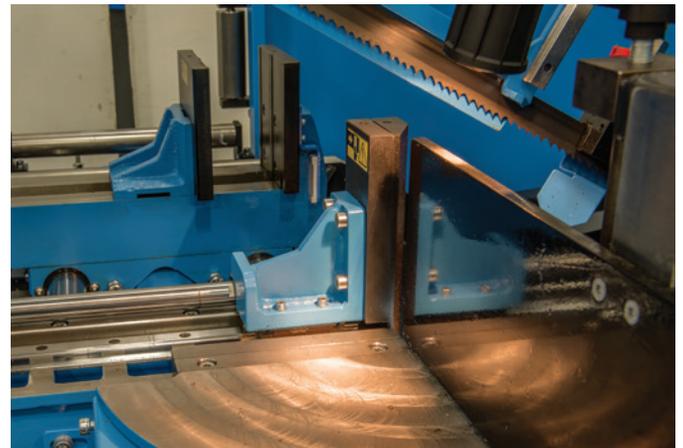
Sample control panel



Work light



Chip blower



Vise Nesting

Visit www.DoALLsaws.com for most accurate information on standard equipment and accessories



SAWING PRODUCTS

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