



SAWING PRODUCTS



# Tube-Cutting Band Saws



DoALL TDC-600CNC Olympia™  
Specialty Tube Saw and Pipe Saw –  
24" Round Tube Capacity

## OLYMPIA™

The DoALL Olympia™ series of specialty saws are automatic dual column, CNC metal-cutting machines specially designed to cut large tube and pipe. These DoALL metal cutting band saws provide full automation for precise cuts, saving both time and money. A large variety of optional accessories are available to customize the machine for specific sawing requirements.

DoALL Olympia tube saws provide the opportunity to bundle material saving time and money in high production environments like metal service centers. The saw blade is at a 10° cant for high-efficiency cutting on a wide range of structural shapes and configurations of tubing.



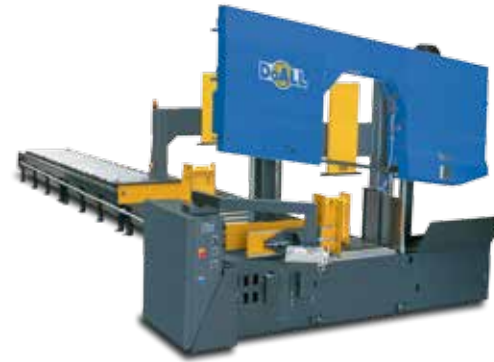
Solutions for ALL Your Sawing Needs



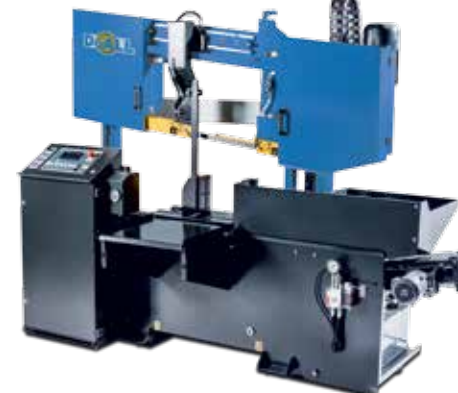
DoALL TDC-400CNC Olympia Tube Saw  
– 16" Tube Capacity



DoALL TDC-600CNC Olympia Tube Saw  
– 24" Tube Capacity



DoALL TDC-1000CNC Olympia Tube Saw  
– 40" Tube Capacity



DoALL TDC-400SA Olympia Tube Saw –  
16" Tube Capacity



DoALL TDC-600SA Olympia Tube Saw –  
24" Tube Capacity



DoALL TDC-1000SA Olympia Tube Saw –  
40" Tube Capacity

### Automatic CNC Structural Tube Saws

DoALL Model Number	TDC-400CNC	TDC-600CNC	TDC-1000CNC
Warranty	Parts/Service	Parts/Service	Parts/Service
Warranty Length	1-year standard	1-year standard	1-year standard
Capacity Rectangle at 90° HxW	16 x 16" (400x400mm)	20 x 24" (510x600mm)	38 x 40" (960x1000mm)
Round at 90°	16" (400mm)	24" (600mm)	40" (1000mm)
Blade Drive Motor	4 hp (3kW)	5 hp (4kW)	10 hp (7.5kW)
Blade Speeds	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)
Maximum Blade Diameter	178" (4520mm)	245-1/4" (6230mm)	351" (8920mm)
Blade Widths & Gage	1-1/4 x 0.042" (34x1.1mm)	1-1/2" x 0.05" (41x1.3mm)	2 x 0.063" (54x1.6mm)
HMI Controller	Yes	Yes	Yes
More Information Found at	<a href="http://doallsaws.com/tdc-400cnc">doallsaws.com/tdc-400cnc</a>	<a href="http://doallsaws.com/tdc-600cnc">doallsaws.com/tdc-600cnc</a>	<a href="http://doallsaws.com/tdc-1000cnc">doallsaws.com/tdc-1000cnc</a>
Material Pass Line Height (Work table height)	31-1/2" (800mm)	31-1/2" (800mm)	32" (815mm)
Floor Space Required (Height listed if available)	63 x 88 x 81" (1600x2200x2050mm)	169 x 141 x 97" (4300x3570x2460mm)	169 x 595 x 146" (4290x15120x3700mm)
Net Weight (May include conveyors or indexers)	2866 lbs (1300kg)	8664 lbs (2580kg)	47840 lbs (21700kg)
Blade Guides	Carbide Faced	Carbide Faced	Carbide Faced
Feed System	Hydraulic Control	Hydraulic Control	Hydraulic Control
Type	10° cant	10° cant	10° cant
Hydraulic Pump	1 hp (0.75kW)	1 hp (0.75kW)	5.4 hp (4kW)
Coolant Pump	0.12 hp (0.09kW)	0.16 hp (0.12kW)	0.2 hp (0.155kW)
Coolant Tank Capacity	16 gal (60 lit)	24 gal (90 lit)	53 gal (200 lit)
Auto Index Single Stroke Min-Max	0.12-19.9" (3-505mm)	0.012-78" or 236" (3-1981mm or 5994mm)	0.012-78" or 236" (3-1981mm or 5994mm)
Auto Index Multiple Stroke Min-Max	394" (9999mm)	394" (9999mm)	394" (9999mm)
Maximum Nesting Capacity at 90° (wxh)	15.8" x 13.4" (400x340mm)	23.6" x 16.3" (600x415mm)	39.4" x 25.6" (1000 x 650mm)
Minimum Nesting Capacity at 90° (wxh)	1.2" (30mm)	1.2" (30mm)	1.2" (30mm)
Remnant Length Drop	6" (150mm)	9.6" (245mm)	20.8" (530mm)
Multiple Feed	393.7" (9999mm)	393.7" (9999mm)	393.7" (9999mm)

### Features and Benefits for all Olympia saws:

- True dual column design with high rigidity, outstanding cutting performance and long life
- Blade is offset 10° for optimum cutting of tubes
- Ideal for bundle cutting
- Standard chip conveyor, automatic guide arm, variable vise pressure and discharge table
- Optional close spacing work rollers
- Optional lift roller unit

### Semi-Automatic Structural Tube Saws

DoALL Model Number	TDC-400SA	TDC-600SA	TDC-1000SA
Warranty	Parts/Service	Parts/Service	Parts/Service
Warranty Length	1-year standard	1-year standard	1-year standard
Capacity Rectangle at 90° HxW	16 x 16" (400x400mm)	20 x 24" (510x600mm)	38 x 40" (960x1000mm)
Round at 90°	16" (400mm)	24" (600mm)	40" (1000mm)
Blade Drive Motor	4 hp (3kW)	5 hp (4kW)	10 hp (7.5kW)
Blade Speeds	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)	65-328 fpm (20-100mpm)
Maximum Blade Diameter	178" (4520mm)	245-1/4" (6230mm)	351" (8920mm)
Blade Widths & Gage	1-1/4 x 0.042" (34x1.1mm)	1-1/2" x 0.05" (41x1.3mm)	2 x 0.063" (54x1.6mm)
HMI Controller	Yes	Yes	Yes
More Information Found at	<a href="http://doallsaws.com/tdc-400sa">doallsaws.com/tdc-400sa</a>	<a href="http://doallsaws.com/tdc-600sa">doallsaws.com/tdc-600sa</a>	<a href="http://doallsaws.com/tdc-1000sa">doallsaws.com/tdc-1000sa</a>
Material Pass Line Height (Work table height)	31-1/2" (800mm)	31-1/2" (800mm)	32" (815mm)
Floor Space Required (Height listed if available)	63 x 41 x 81" (1600x1030x2050mm)	112 x 51 x 102" (1300x4180x2600mm)	169 x 75 x 146" (4290x1910x3700mm)
Net Weight (May include conveyors or indexers)	2072 lbs (940kg)	5688 lbs (2580kg)	13316 lbs (6040kg)
Blade Guides	Carbide Faced	Carbide Faced	Carbide Faced
Feed System	Semi-Automatic Hydraulic	Semi-Automatic Hydraulic	Semi-Automatic Hydraulic
Type	10° cant	10° cant	10° cant
Hydraulic Pump	1 hp (0.75kW)	1 hp (0.75kW)	5.4 hp (4kW)
Coolant Pump	0.12 hp (0.09kW)	0.16 hp (0.12kW)	0.2 hp (0.155kW)
Coolant Tank Capacity	16 gal (60 lit)	24 gal (90 lit)	53 gal (200 lit)
Maximum Nesting Capacity at 90° (wxh)	15.8" x 13.4" (400x340mm)	23.6" x 16.3" (600x415mm)	39.4 x 25.6" (1000x650mm)
Minimum Nesting Capacity at 90° (wxh)	1.2" (30mm)	1.2" (30mm)	1.2" (30mm)
Remnant Length Drop	2" (50mm)	2" (50mm)	2" (50mm)

### Additional Features and Benefits for the TDC-600SA:

- Compact design feature three-wheel band drive
- Band saw can be easily moved

### Additional Features and Benefits for the TDC-1000CNC:

- Work rollers in machine frame
- Rack and pinion indexer
- Pull system indexer

### Standard Equipment on most models:

- User-friendly saw controller
- Variable frequency drive
- Work light
- Pulley-driven, band brush
- Automatic guide arm setting
- Work height sensor
- Overfeed protection
- Variable vise pressure control
- Hydraulic band tension
- Dual acting index vise jaws for crooked stock
- Flood coolant
- Tool kit
- Complimentary DoALL cutting fluids package
- One DoALL bi-metal saw blade
- Instruction and parts manuals on CD

Visit [www.DoALLsaws.com](http://www.DoALLsaws.com) for most accurate information on standard equipment and accessories

### Accessories/Options available on most models:

- Discharge vise
- Bundle cutting for small tubes
- Mist-style saw band lubrication
- Laser line generator
- Chain chip conveyor with pan
- Handle for chip pan and collection box
- Input or output roller conveyor with drip pan
- Heavy-duty input or output roller conveyor with drip pan
- Hydraulic lift roller conveyor
- Power chain driven roller conveyor
- Vertical hold down
- Additional conveyor rollers
- Work stop with ruler
- Work stop with digital display
- Powered work stop
- Powered work stop with digital display
- Work stop extension
- Single fixed or movable side vertical guide roller
- Wear parts service kit



**SAWING PRODUCTS**

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