

Vertical Diamond Saws



DoALL 2012-D12 Diamond Saw –
20 x 12" Capacity



DoALL D-900 Diamond Saw –
35 x 16" Capacity



DoALL 2616-D24 Diamond Saw –
26 x 16" Capacity

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.

The efficient design of the DoALL diamond saws feature band speeds and feed rate control from the operator panel, resulting in reduced operating costs, minimal maintenance and lower total cost of ownership.



DoALL 2613-D36 – Diamond Saw –
26 x 13" Capacity for Dry Friable Materials

Solutions for ALL Your Sawing Needs

Diamond Series

DoALL D-900

The DoALL D-900 Vertical Diamond Saw is an economically priced diamond saw for cutting friable materials including silicon, quartz and glass. Designed to use 1- $\frac{1}{4}$ " wide grit edged saw bands, the DoALL D-900 has a 35" throat with a 16" work height that accommodates a wide range of material sizes. It features 36" wheels to minimize band fatigue, an electric ball screw-controlled table with a 24" stroke for greater productivity, and a variable frequency 15 hp AC drive with band speeds from 1000 – 5000 fpm to permit cutting of a wide variety of materials. Its simple design features a band speed and feed rate control from the operator panel, resulting in reduced operating costs, minimal maintenance and lower total cost of ownership.

Standard Equipment:

- One set of heavy-duty guide blocks with carbide back-up for 1- $\frac{1}{4}$ " band
- One set of carbide-faced saw guide inserts for 1- $\frac{1}{4}$ " band
- Coolant applicator, flushing nozzles, table coolant pan and table splash guards
- 15 HP, VFD controlled band drive motor
- Electric ball screw table drive system
- Calibrated feed control with digital readout
- Lubricated table bearings
- Hydraulic band tensioning
- Precision band wheel spindles
- Instruction and parts manuals on CD

Option Accessories:

- Extended work heights
- 1- $\frac{1}{2}$ " band width
- Longer or shorter table strokes available



Optional LED light for better visibility



Control console is conveniently located for precise and easy operation

DoALL 2012-D12

Designed to cut friable or brittle materials, the DoALL 2012-D12 vertical band saw features a hydraulically powered work table with 12" (305mm) table stroke and a 0-6 fpm table feed rate.

Standard Equipment:

- Heavy duty saw guide blocks for 1" (25mm) band
- Band speed indicator
- Post elevating hand wheel
- Variable frequency AC drive
- Flood coolant system
- Metal saw guide inserts for 1" (25mm) band
- Band Tensi-Gage
- Wheel brush assembly
- Chip pan
- Flushing hose
- Instruction and parts manuals on CD

DoALL 2012-D12 Diamond Saw -
20 x 12" Capacity



DoALL 2616-D24

The DoALL 2616-D24 vertical diamond band saw features a hydraulically powered work table with 24" (610mm) table stroke. The 2616-D24 upright saw has a cutting capacity of 26" x 16" (660x305mm). The 2616-D24 diamond saw features an easy-to-use operators panel resulting in reduced operating costs, less maintenance and lower total cost of ownership.

Standard Equipment:

- Flood coolant system
- Heavy duty saw guide blocks for 1-1/4" (32mm) band
- Band speed indicator
- Powered post elevating hand wheel
- Variable frequency AC drive
- Flood coolant system
- Metal saw guide inserts for 1-1/4" (32mm) band
- Band Tensi-Gage
- Wheel brush assembly
- Chip pan
- Flushing hose
- Instruction and parts manuals on CD
- Hydraulic band tension
- 5hp band motor

DoALL 2612-D24 Diamond Saw -
26 x 16" Capacity



Optional Accessories:

- Work light
- Extended work heights - 6", 12" or 18" (152mm, 305mm, 457mm)
- Hardened tool steel reversible saw guide inserts for 1/2", 3/4", 1" (12mm, 19mm, 25mm) bands
- Magnifying attachment
- Heavy duty saw guide blocks for 1/2", 3/4", 1" (12mm, 19mm, 25mm) Bands
- Tungsten-carbide, single-faced saw guide inserts for 1/2", 3/4", 1" (12mm, 19mm, 25mm) bands

Diamond Series

Band Saws that are a
Cut Above the Rest

DoALL 2613-D36

The DoALL 2613-D36 diamond saw is designed to cut brittle, dusty material where the dust is highly abrasive and may be flammable (tungsten carbide preforms specifically). The 2613-D36 has a touchscreen operator interface with programmable cut length and feed rate, and featuring slow-entry and slow-exit cutting speed profile. This machine is servo-driven table and has rip fence for precise feed control and part positioning or indexing for multiple cuts.

Standard Equipment:

- Servo driven rip fence
- Non-contact air guide blocks for 3/4" band
- Full-color touch screen HMI for all cut cycle parameters
- Post-elevating handwheel
- Variable frequency AC drive
- Dry cutting only / dust collection points in saw doors and under table
- HMWPE guide block inserts to prevent sparking
- Band tension indicator, manually set tension
- Wheel brush assembly
- Work light
- Easy-to-clean table guideways with removable dust pans
- Positive pressure on the guideways and autolube on all bearings
- Instruction and parts manuals on CD



DoALL 2613-D36 – Diamond Saw –
26 x 13" Capacity for Dry Friable Materials

DoALL Model Number	2012-D12	2616-D24	2613-D36	D-900
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° HxW	20 x 12" (510x305mm)	26 x 16" (660x406mm)	26 x 13" (660x330mm)	35 x 16" (900x406mm)
Capacity Round at 90°	12" (305mm)	12" (305mm)	13" (330mm)	16" (406mm)
Blade Drive Motor	5 hp (3.75 kW)	5 hp (3.75 kW)	5 hp (3.75 kW)	15 hp (11.1kW)
Blade Speeds	550-5500 fpm (170-1680mpm)	550-5500 fpm (170-1680mpm)	1000-4000 fpm (305-1219mpm)	1000-5000 fpm (305-1525mm)
Maximum Blade Length	154" (3912mm)	187" (4750mm)	186" (4725mm)	234" (5940mm)
Blade Widths & Gage	1" (25.4mm)	1-1/4" (13-32mm)	1" (13-25.4mm)	1-1/4 - 2" (32-50mm)
More information at	doallsaws.com/2012-d12	doallsaws.com/2612-d24	doallsaws.com/2613-d36	doallsaws.com/d900
Material Pass Line Height	40" (1000mm)	40" (1000mm)	38" (965mm)	35" (900mm)
Floor Space Required	54 x 58 x 82" (1380x1475x2070mm)	60 x 45 x 82" (1524x1143x2070mm)	95 x 64 x 82" (3413x1626x2070mm)	95 x 64 x 82" (3413x1626x2070mm)
Weight	1650 lbs (748kg)	1900 lbs (862kg)	4500 lbs (2041kg)	4500 lbs (2041kg)
Wheel Size	20" (510mm)	26" (600mm)	26" (660mm)	26" (660mm)
Table Size	26-1/2" x 33-1/2" (675x850mm)	26-1/2" x 33-1/2" (675x850mm)	40" x 49" (1016x1245mm)	20-34"x24-42" (500-864x609-1067mm)
Blade Guides	Carbide faced	Carbide faced	N/A	Carbide faced
Feed System	Electric ball screw table drive	Electrical ball screw	Electrical ball screw	Electric ball screw table drive
Extended Work Height	6", 12" or 18" (152mm, 305mm or 381mm)	6", 12" or 18" (152mm, 305mm or 381mm)	Available	Available
Cooling System	Flood standard, Mist optional	Flood standard, Mist optional	Dry Saw	Flood standard, Mist optional
Table Capacity	500 lbs (227kg)	500 lbs (227kg)	500 lbs (227kg)	2000 lbs (907kg)
Feed Rate	0.10-40 ipm (2.54-1016mmpm)	0.10-40 ipm (2.54-1016mmpm)	0.10-80 ipm (2.5-2032 mmpm)	0.10-40 ipm (2.54-1016mmpm)



SAWING PRODUCTS

5505 West 123rd Street
Savage, MN 55378 USA
www.DoALLsaws.com
1-888-362-5572

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