



# HP30 Slab Saw

The HP30 Slab Saw is an ideal saw for large rocks, minerals and glass. Designed for use with oil as a coolant to deliver the best cutting speed and blade life.



## Features

- 2 Hp continuous duty commercial grade motor with thermal overload protection and manual reset
- Fully sealed drive shaft bearing housing
- Rolling element linear bearings in carriage for ease of movement over main guide rails
- Screw drive (3/4") vise carriage with automatic shutoff
- Silicon bronze clutch block carriage feed engagement system
- Variable feed rate (3 settings-pulley adjustable)
- Chrome plated cast iron parts allow use of water-based coolants
- Powder coated reservoir and zinc plated hood
- Inclined reservoir bottom for ease of sludge removal
- Heavy duty casters with locking wheel brakes
- Large capacity oil/sludge reservoir
- Submersible pump provides lubrication, flushing and cooling
- Includes 30" x .125 x 1" 303S segmented professional grade diamond blade

<b>Motor</b>	Baldor
<b>Horsepower</b>	2Hp
<b>Voltage</b>	220V /60Hz
<b>Amperage</b>	8
<b>Motor RPM</b>	1725
<b>Blade RPM</b>	380
<b>Blade Capacity</b>	24" - 30"
<b>Depth of Cut</b>	12"* w/30" Blade
<b>Vise Opening</b>	18"
<b>Oil Capacity</b>	25 gal.
<b>L x W x H</b>	67" x 37" x 49"
<b>L x W x H (mm)</b>	1,701 x 940 x 1,245
<b>Weight Dry</b>	850 lbs
<b>Part#</b>	168084

50 Hz export motor available (\$150 extra)

\*\*Maximum depth of cut will vary depending on size and shape of specimen

Barranca Diamond 1315 Storm Parkway, Torrance California 90501

Phone (310) 523-5867 • Toll-Free 800-630-7682 • Fax (310) 257-3063 • [www.barrancadiamond.com](http://www.barrancadiamond.com)

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# Slab Saw Series

The Barranca Diamond Slab Saw Series offers 16" to 24" blade capacity. They are engineered for accurate, smooth cuts of rock, minerals and glass.

## Features

- 1-1/2 Hp continuous duty commercial grade motor with thermal overload protection and manual reset
- Fully sealed drive shaft bearing housing
- Rolling element liner bearings in carriage for ease of movement over main guide rails
- Powder coated heavy duty cast iron carriage and rock vise
- Screw drive vise carriage with automatic shutoff
- Silicon bronze clutch block carriage feed engagement system
- Hard chrome plated carriage rails for smooth operation and extended life
- Variable feed rate (3 settings-pulley adjustable)
- Powder coated reservoir and hood
- Inclined reservoir bottom for ease of sludge removal
- Heavy duty casters with locking wheel brakes
- Large capacity oil/sludge reservoir
- Splash-style lubrication, flushing and cooling system
- Blade included



Model	HP18 Slab Saw	HP20 Slab Saw	HP24 Slab Saw
<b>Motor</b>	1-1/2 Hp Baldor	1-1/2 Hp Baldor	1-1/2 Hp Baldor
<b>Voltage</b>	120V /60Hz	120V /60Hz	120V /60Hz
<b>Amperage</b>	8	8	8
<b>Motor RPM</b>	1725	1725	1725
<b>Blade RPM</b>	700	700	500
<b>Arbor</b>	1"	1"	1"
<b>Blade Capacity</b>	16" - 20"	16" - 20"	20" - 24"
<b>Depth of Cut</b>	7-1/2"	8-1/2"	10"
<b>Oil Capacity</b>	9-1/4 gal.	4-1/4 gal.	19 gal.
<b>Vise Opening</b>	9"	9"	18"
<b>Blade Included</b>	18" 303S or 301"	20" 303S or 301"	24" 303S
<b>L x W x H</b>	51" x 37" x 49"	51" x 37" x 49"	65" x 37" x 48"
<b>L x W x H (mm)</b>	1,295 x 940 x 1,245	1,295 x 940 x 1,245	1,295 x 940 x 1,219
<b>Weight Dry</b>	580 lbs (263 kgs)	580 lbs (263 kgs)	720 lbs (327 kgs)
<b>Part#</b>	8302018	8302020	8302024

\*Please specify blade at time of order

Warranty Period: 1 year from date of purchase against all manufacturing or material defects.

Manufacturing period 6 weeks from date of order.

220 volt 50 or 60 Hz motors are available by special order for \$150 in addition to list price.

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