

# BUEHLER® Lapro® 24" SLAB SAW

- Lapidary Slab Saw  
Sectioning Mineral, Rock,  
and Concrete
- 24" (610mm) Diamond  
Blade
- 9" (229mm) Cutting Depth
- Convenient Sloped Bottom  
with Drain, for Easy  
Coolant Removal
- Screw Drive System
- Three Adjustable Feed  
Rates
- Bronze Clutch Cam  
Engage/Disengage Lever  
Actuated System
- Vise Opens up to 17"  
(432mm)
- Clear Cover to View Sample  
During Cutting
- Cast Iron Vise with  
Hardwood Jaws



PRELIMINARY DRAFT



Buehler's **Lapro® 24" Slab Saw** has a powerful 1.5Hp (1.1kW) motor which is designed for the Petrographer and Lapidarist that sections large samples. Using the 24" (610mm) Segmented Rim Diamond Blade, the cutting depth is 9" (228mm). The cast iron carriage-vise-jaw runs on round stainless steel rails. Its screw drive system has three (3) adjustable feed rates of 3/16" (4.8mm), 1/4" (6.4mm) and 3/8" (9.5mm) per minute on a three (3) rung step cone pulley. The Lapro® Slab Saw contains a bronze clutch cam engage/disengage lever actuated system.

This saw has many features that ensure ease of use. Conveniently located at the bottom of the saw, there is a sloped reservoir and drain for ease of sludge/coolant removal. The lubrication coolant system uses water soluble or petroleum based coolants. Buehler has also installed air shock locking hood cylinders for lifting and lowering the hood safety.

**Additional Features:**

- Screw drive vise carriage with automatic shutoff
- Fully sealed drive shaft bearing housing
- Heavy duty casters with locking wheel brakes

The Lapro® Slab Saw allows for effortless cutting of a variety of materials such as lapidary rock, natural and artificial glass and gemstone minerals. Integral features of the Lapro® Slab Saw are what Lapidarists are looking for, from highpower to a maximum vise opening of 17" (432mm).

**Specifications**

<b>Voltage</b> 115V, 60Hz, Phase 1 220-240V, 50Hz, Phase 1	<b>Maximum Vise Opening</b> 17" (432mm)	<b>Box Dimensions</b> <b>(L x W x H)</b> 54" x 37" x 50" (1372mm x 940mm x 1270mm)
<b>Horsepower</b> 1.5 (1.1 kW)	<b>Shipping Weight (Crated)</b> 830 lbs.(376 kg)	
<b>Blade Capacity</b> 24" (610mm) diameter 1 blade included with saw	<b>Dry Weight</b> 720 lbs.(327kg)	
<b>Blade Arbor Size</b> 1" (25.4mm)	<b>Blade RPM</b> 500	
<b>Maximum Depth of Cut</b> 9" (228mm)	<b>Coolant Capacity</b> 20 gallon (76ℓ)	

**Order Information**

- 10-10004-160 Lapro® 24" Slab Saw, 115V, 60Hz, Phase 1**  
**10-10004-250 Lapro® 24" Slab Saw, 220-240V, 50Hz, Phase 1**  
**11-10016 Segmented Rim Diamond Blade, 24" x 0.10" x 1" (610mm x 2.54mm x 25.4mm)**

*Operating manual included.  
Buehler continuously makes product improvements; therefore, technical specifications are subject to change without notice.*

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\*For metallurgical equipment produced by BUEHLER LTD. USA



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Rock Vise accepts a sample up to 17" (432mm) in size.

Step pulley allows the operator to change the feed rates.