

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



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

Voltage

115V, 60Hz, Phase 1
220-240V, 50Hz, Phase 1

Horsepower

1.5 (1.1 kW)

Blade Capacity

24" (610mm) diameter
1 blade included with saw

Blade Arbor Size

1" (25.4mm)

Maximum Depth of Cut

9" (228mm)

Maximum Vise Opening

17" (432mm)

Shipping Weight (Crated)

830 lbs.(376 kg)

Dry Weight

720 lbs.(327kg)

Blade RPM

500

Coolant Capacity

20 gallon (76ℓ)

Box Dimensions(L x W x H)

72" x 43" x 56"
(1829mm x 1093mm x 1423mm)

Lapro Dimensions

Height (lid closed)

48" (1220mm)

Height (lid open)

80" (2030mm)

Width

37" (940mm)

Length (Front to back)

68" (1730mm)

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.



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



Step pulley allows the operator to change the feed rates.



Lapro Blade 24" (609mm)



BUEHLER

BUEHLER, a division of Illinois Tool Works Inc.
– **Worldwide Headquarters**
41 Waukegan Road • P.O. Box 1
Lake Bluff, Illinois 60044-1699 USA
Tel: (847) 295-6500 • Fax: (847) 295-7979
Sales: 1-800-BUEHLER (1-800-283-4537)
www.buehler.com
Email: info@buehler.com

BUEHLER GMBH - European and MESA Headquarters

In der Steele 2 • 40599 Düsseldorf
Postfach 16 03 55 • 40566 Düsseldorf
Telefon: (49) 211 974100 • Telefax: (49) 211 9741079
www.buehler-met.de
Email: info@buehler-met.de

BUEHLER FRANCE

Téléphone: 0800 89 73 71
Télécopie: 0800 88 05 27
www.buehler.fr
Email: info@buehler.fr

BUEHLER UNITED KINGDOM

Telephone: 0800 707 6273
Fax: 0800 707 6274
www.buehler.co.uk
Email: sales@buehler.co.uk

BUEHLER CANADA

10 Carlow Court, Unit #2
Whitby, Ontario L1N 9T7
Telephone: (905) 430-4684
Fax: (905) 430-4647
Sales Telephone: 1-800-268-3593
Email: info@buehler.ca

BUEHLER, ASIA-PACIFIC

5/F Vogue Centre
696 Castle Peak Road
Lai Chi Kok, Kowloon
Hong Kong, SAR, China
Telephone: (852) 2307 0909
Fax: (852) 2307 0233