

# LARGE EQUIPMENT

"YOUR LAPIDARY  
GENERAL STORE"



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## LORTONE COMBINATION UNIT, MODEL LU6X-130

This popular complete combination unit can complete each step from rough to finish cabochons in one compact, durable and economical machine. Sealed rubber mounted ball bearings and 3/4" shaft shouldered to 1/2" for the 6" trimming blade. Hinged wheel guard shield for easy wheel access and cleaning. Unit is designed with saw blade coolant tank, blade guard, water fittings and drain plugs, 1/3 Hp. Motor, 115 VAC, motor mount, pulleys, belt, belt guard clear plastic splash hood over trim saw, trim saw vise, cab templates, aluminum scribe, cerium oxide polish, dop sticks, dop wax, 6" X 1" 100 mesh silicon carbide grinding wheel, 6" X .025" diamond saw blade, 6" X 2 1/2" Lortone EXP sanding drum, 3 silicon carbide sanding belts and one polishing disc with rubber and felt pad installed.

This is a great introductory unit for the lapidary arts!!!!



Lortone

MLS Part #: 260000

Price: \$725.00



Totally reengineered in 2010. Faster cutting, very quiet operation. New larger motor. Motor is isolated from the vibrating portions of the lap. Power is transmitted from the motor to the pan via a rubber v-belt.



## VIBRATING/OSCILLATING FLAT LAPS

Flat vibratory/oscillating laps are used to polish flat surfaces on rocks. We feature the Lortone brand but also handle several other brands of vibratory laps including Covington, Raytech and Diamond Pacific.

The Lortone laps are rugged vibrating laps for fast precision grinding of slabs, geodes, bookends, clock faces and other flat stones. Pans change in seconds. Quiet, fast and efficient trouble free operation; ideal for the hobbies. Both units come with 115 VAC motors standard.

MLS PART NUMBER	EQUIPMENT DESCRIPTION	PRICE
250100	FLAT LAP, Lortone, Model OS-15, 15" Dia., TWO PAN SYSTEM	\$825.00
250110	FLAT LAP, Lortone, Model OS-20, 20" Dia., TWO PAN SYSTEM	\$945.00

## Lortone VIBRATORY LAPS PARTS

We carry a complete line of parts and supplies for the old Lortone FL series vibratory flat laps as well as the new OS series. Call us for parts availability and prices.



VI-BRO LAP

**DIAMOND PACIFIC** - VI-BRO-LAPS brand flat laps are industrial grade equipment. The tempered aluminum lap plate is grooved in a criss-cross pattern. This permits abrasive particles to circulate between the lap plate and the work piece so that the abrasive itself is continuously being crushed to a smaller size. When the work piece surface is ground flat and satin smooth, the lap plate is turned over to the other side on which a polishing pad is cemented. Using a polishing compound on this pad, a fine mirror like finish is produced on the work piece.

The unit is constructed from a heavy duty welded steel frame. The grinding plate is suspended by aircraft strength cable. Unit is driven by a 1/3 Hp. Motor, 115 VAC.

MLS PART NUMBER	EQUIPMENT DESCRIPTION	PRICE
251000*	FLAT LAP, Diamond Pacific, Model 20VL, 20" Dia.	\$2,010.00**
251010*	FLAT LAP, Diamond Pacific, Model 27VL, 27" Dia.	\$2,330.00**

## ROTARY FLAT LAP

The **ROTARY FLAT LAP** consists of a flat motor driven disc. The surface of the disc contains diamonds which act as an abrasive as the disc is spinning and the work piece is applied against the spinning disc. A series of discs with successively smaller mesh size diamonds are used to grind, sand and polish the work piece.

MLS is proud to handle the **AMERITOO** line of Rotary Flat Laps and accessories.

The Ameritool **UNIVERSAL HEAVY DUTY GRINDING AND POLISHING MACHINE** is American made. It can be used for both lapidary and glass work. It is designed for commercial applications yet is affordable for the hobbyist. The five step accessory kit makes it possible to grind, sand and finish a wide variety of gem materials and glass both natural and synthetic, including quartz, agate, jasper, opal, dichronic glass etc. Because the Universal HD is a horizontal lap machine, you can grind flats, make free-form cabochons, rework quartz crystals, do intarsia and detailed inlay work.

Unit comes with variable speed 1/4 Hp. ball bearing Motor, coolant reservoir and splash shield. The all **DIAMOND** accessory kit comes with one metal bonded 180 Mesh diamond grind disc, one each of 325, 600 and 1,200 Mesh sanding / shaping discs with backer plate and a polish pad with backer plate and 14,000 mesh diamond polish compound. **WE USE THIS MACHINE OURSELVES IN OUR ROCK STORE!!!!**

\* - Item not normally stocked, special order item.  
\*\* - Special shipping charge for item.