



*"Every User
Is a Booster"*

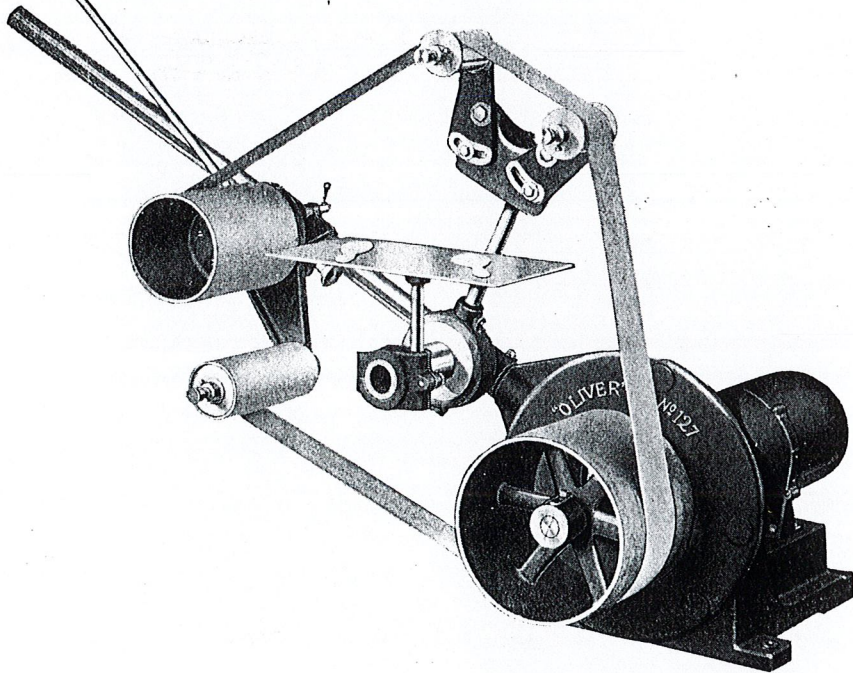
"Oliver"

No. 127-M

VARIETY

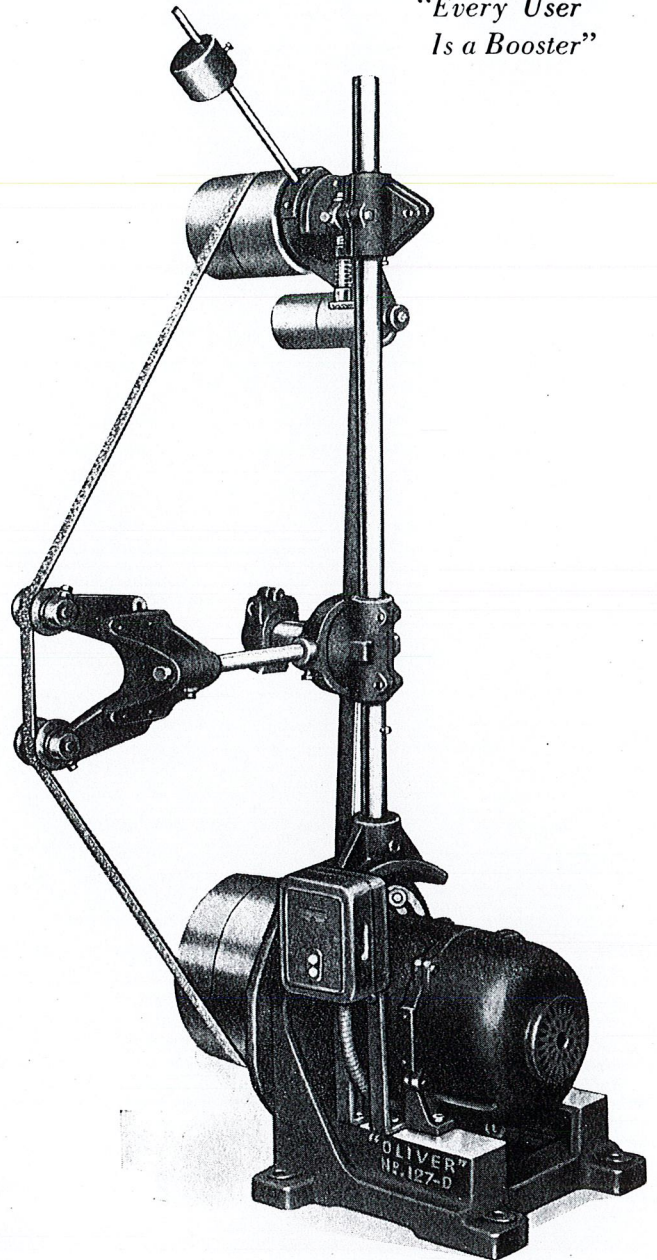
Belt Grinder and Polisher

... the most flexible and adaptable
Belt Surfacer and Polisher on the
market for metal working and wood
working plants ...



"Oliver" Variety Belt Surfacer and Polisher in Inclined
Position

This machine is the most flexible, the most adaptable Variety
Belt Surfacer and Polisher ever produced, bar none.



No. 127-M Motor-on-Arbor Variety Belt Grinder
and Polisher showing Fork Idler in use and driving
pulley mounted directly on the Motor Shaft

Manufactured by

Oliver Machinery Co.

Grand Rapids, Mich., U.S.A.

BRANCH SALES OFFICES:

New York, Atlanta, Pittsburgh, Cleveland, Detroit, Indian-
apolis, Chicago, St. Louis, Minneapolis, Denver, Salt Lake City,
Seattle, Portland, San Francisco, Los Angeles.

Application

Designed for rapid belt grinding and polishing of all kinds of small and medium size metal pieces of convex, concave or irregular shapes, edge work, and flat surfaces. It has proved a valuable machine for ornamental metal work, metal casting as well as for many compositions including cast resins, wood, etc.

Where Used

Designed for use in large and small metal working plants, toy factories, pattern shops, ornamental metal and metal moulding and plate mills, or wherever a belt grinding and polishing machine is required. Also for workers in wood compositions, etc.

Essential Features

- (1) A perfect Variety Belt Grinding and Polishing Machine complete in every detail.
- (2) Quick Production.
- (3) Convenience to operator.
- (4) Convenience for setting up.
- (5) Safety to operator.

Principle

A main drive pulley is mounted on a countershaft located on a substantial base with a frame swinging about the center line of countershaft and carrying a support arm. On this support arm are carried two clamp brackets, one of which supports the main idler pulley and the tension idler. The other supports the table and backing plate or any forms or flexible pads desired.

Capacity

Machine will take belts up to 7 inches wide and 14 feet long.

Edging Table

Made of cast iron, size 10 x 12 inches; tilts any degree up or down to 30 degrees; can be adjusted in or out and has drilled holes for attaching wood tops or forms.

Backing Plate

Is 10 inches wide, made of cast iron and can be adjusted in and out to suitable tension on the belt and has drilled

holes for attaching flexible pads.

Main Idler

Runs in ball bearings and is adjustable up or down the whole length of the idler arm, to take care of various lengths of belts. This pulley is faced with rubber.

Tension Idler

Is of the ball bearing type and fulcrums in the center line of the main idler and is balanced by weights to give the right tension to the belt. Is rubber faced.

Fork Idler

This attachment is mounted on the machine in place of the regular table. It is used for grinding and polishing oval frames and all irregular shapes. The fork idler is rigid in construction, carries two aluminum idlers which run in Ball Bearings and are adjustable to the work. Idlers take up to 1 3/4" wide belt.

Equipment

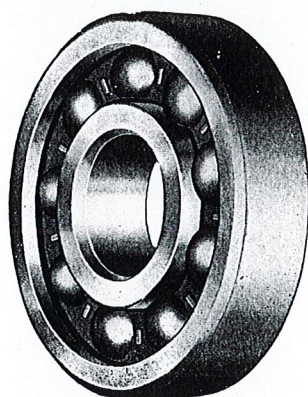
Edging Attachment; fork idler and necessary wrenches.

Dimensions

Height, 80 inches over all; floor space, about 4 x 8 feet.

Motor Drive

Two H.P., totally enclosed, fan cooled, about 900 R.P.M., direct connected to lower drive pulley.



Ball Bearings of the highest grade are used for the main bearings on this machine—less friction, more power, longer life.

C O D E , W E I G H T , E T C .

CODE	DESCRIPTION	Weight in Pounds		Cubic Feet
		Crated	Boxed	
Eufebm	No. 127-D Variety Belt Grinder and Polisher.....	1250	1550	55
Eukop	Pneumatic Finishing Pad with inflating pump.....	5	5

