

MODEL 24

LATHE CUTTER



The Mitchell Model 24 is an economical cutter designed to accommodate the majority of multipurpose tube cutting applications. This precision machine is designed to work on smaller parts with precise tolerances.



Mitchell Inc.

PO Box 413, 1321 Leininger Ave., Elkhart, IN 46515
Fax: 574-295-3798 • Telephone: 574-295-3509
www.mitchell-inc.com



Model 24 Lathe Cutter



Cylindrical Cut



Standard Square Cut



Thin Square Cut

THESE SHAPES ARE MERELY REPRESENTATIVE. Contact Mitchell or our rep in your area for specifics or to arrange a demonstration.

SPECIFICATIONS:

INDEXING:	Width of cut from ten thousandths (.010) to 4".
MANDREL:	Adjustable length from 0 to 4" and stock from the minimum extrudable size that will fit the mandrel to a maximum 2" O.D.
MANDREL SPEED:	Controlled by digital setting 0-4500 rpm.
ELECTRICAL SYSTEM:	230 volt 3-phase A.C. supply. Other voltages available upon request.
AIR SYSTEM:	Requires at least 80 psi good clean compressed air. Air blow down and air regulator components are standard.
WAYS:	Rectangular hardened precision ways.
BASE DIMENSIONS:	24" x 24" all welded construction with 4 leveling pads.
TOP DIMENSIONS:	24-1/2 x 24-1/2 one piece machined top.
SPINDLE:	Precision Milling Spindle rated 20,000 rpm (top speed of spindle 4,500 rpm). Spindle driven by a timing belt.
DRIVE MOTOR:	1/2 H.P.
QUICK CHANGE KNIFE HOLDER:	Square tool steel shaft in precision bearing block. Will accept 1/8" x 1/4" x 5" carboloy knife.
CARRIAGE:	Aluminum tooling plate mounted on precision ball bearings.
AUTOMATIC CARRIAGE RETURNS:	Carriage returns to start position on completion of last cut.
AUTOMATIC STRIPPER:	Automatic stripper can be selected to strip off completed parts at end of cycle.



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