

MODEL 48

HIGH SPEED PRECISION RUBBER GRINDER



Mitchell, Inc.

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



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The following list of specifications and standard features is for reference only. Please contact Mitchell, Inc. for additional information.

SPECIFICATIONS:

MACHINE DIMENSIONS:	48" d x 120" w x 125" h. Weight 5,000 lb.
MACHINE BASE:	All welded construction; constructed out of heavy wall square tubing with 11 gauge skin, then machined.
MACHINE TOP:	Cast iron one-piece top with continuous way mounts and tail stock riser.
MACHINE COVER & SOUND PROOFING:	Removable panel gives easy access to rear of machine for service. Illuminated interior. Soundproof cover with automatic door. Machine cover is all steel welded cover with 1" sound matte, sound absorbing material. Dust, odors and noise from grinding are contained. Machine base is also sound-proofed with 1" sound matte.
MANDREL SPINDLE:	Precision milling spindle driven by 5 HP variable frequency drive.
GRINDING SPINDLE:	Precision milling spindle driven by a grinding spindle variable speed TEFC 10 HP motor with soft start and injection braking, fitted to accept a 2" x 12" diameter tungsten carbide wheel. Heavy metal guards on grinding wheel and belt.
CARRIAGE:	Precision cross slide mounted on ball bushing that travels up to 80" (2M) per minute on case 60 hardened ways. Traverse controlled by AC variable speed motor.
CROSS SLIDE:	Precision cross slide mounted on carriage plate. Movement of cross slide read by a Linear Scale Digital Readout System.
AUTOMATIC LUBRICATION:	On all bearing surfaces.
TAIL STOCK:	Air-operated tail stock with foot switch.
MANDREL SIZE:	Maximum OD 12" (304.8 mm), maximum length 48" (1371.6 MM), minimum OD as small as can be put on a mandrel, minimum length 8" (203.2 mm).
ELECTRICAL SYSTEM:	480 volt 3-phase 60 amp 60hz. Other voltages available on request.
CONTROL PANEL:	Digital readout of spindle RPM, traverse speed and cycle times with easy operator controls.



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