

INTERNAL CYLINDRICAL GRINDERS

M2110C

4" X 6"



STANDARD EQUIPMENT

Dressing diamond
Wheel Arbors (6)
Oil Gun
Work Light (low voltage)
Complete Coolant System
3 Jaw Chuck
Operational & Maintenance Manual
Wrench Set
Grinding Wheels 6, 15, 25, 30, 50, 70 mm
Leveling pads
Wheel Flange (2)
Electrical spare parts
Complete U.S. Standard Electrics

OPTIONAL ACCESSORIES

- 1). DIGITAL READ-OUT SYSTEM
- 2). VARIABLE SPEED DRIVE
- 3). HIGH SPEED SPINDLE
- 4). HALOGEN WORK BULB REPLACEMENT
- 5). MANUAL PAPER FILTRATION SYSTEM
- 6). AUTOMATIC PAPER FILTRATION SYSTEM
- 7). COOLANT FILTRATION SYSTEM
- 8). TRANSFORMER
- 9). AIR POWER CHUCK
- 10). COLLET CHUCK EXTENSION I.D. ARBOR
- 11). WARRANTY EXTENSION

CAPACITY

SWING DIAMETER : 10.24 (with hood) 15.75 (w/out hood)
LENGTH : .355" to 5.9" (with supplied arbors)
CENTER HEIGHT : 9.445 in.
MAXIMUM WORKLOAD : 110 lbs.
NET WEIGHT : 3,530 lbs.
DIMENSIONS : 93" X 50" X 52" (LxWxH)
GRIND DIAMETER : .236" to 3.937" (with supplied arbors)

WHEELHEAD

HORSE POWER : 3 hp
WHEEL SIZE : .236 - 2.75 dia. (6 wheels supplied)
WHEEL SPEED : 10,000 - 18,000 - 24,000 rpm
SURFACE SPEED : 1483 - 7205 sfm
RAPID TRAVEL : 21.65 in.
HANDWHEEL/REV : 0.0125 in.
HANDWHEEL/DIV : 0.0001 in.
MAXIMUM TRAVEL HW : 3.15 in. (overall) 0.08 in. (fine feed)
SPINDLE TAPER : 1:5 taper
SPINDLE LUBE : factory lubrication

WORKTABLE

FEED RANGE : 5.9 - 236 ipm
MAXIMUM TRAVEL : 21.65 in.
RAPID FEED : 315 ipm (max)
RAPID TRAVEL : 0.06 in.

WORKHEAD

HORSE POWER : 1 hp
SPINDLE SPEED : 215, 300, 430, 600 rpm
SWIVEL : + 20 deg.
SPINDLE NOSE : straight
MAXIMUM TRAVEL : n/a

TAILSTOCK

DRESSING : semi-automatic swing down

HYDRAULIC SYSTEM

HORSE POWER : 1.5 hp
PRESSURE : 14.2 psi. (lube) 142 psi. (main)
RESERVOIR : 37 gal.
FLOW RATE : 6.6 gpm

COOLANT SYSTEM

FLOW : 8.46 gpm
HORSE POWER : .12 hp
PRESSURE : 25 psi.
RESERVOIR : 35 gal.

ACCURACIES (PERMISSIBLE DEVIATION)

ROUNDNESS : 0.0001/2.36 dia.
CYLINDRICITY : 0.00015/3.93 in.
REPEATABILITY : 0.00008 in.

POWER VOLTAGE

VOLTAGE : 220 volt 60 hz. 3 phase
TOTAL KVA : 4 kva
CURRENT AMPS : 25 amps