

PRODUCT INFORMATION

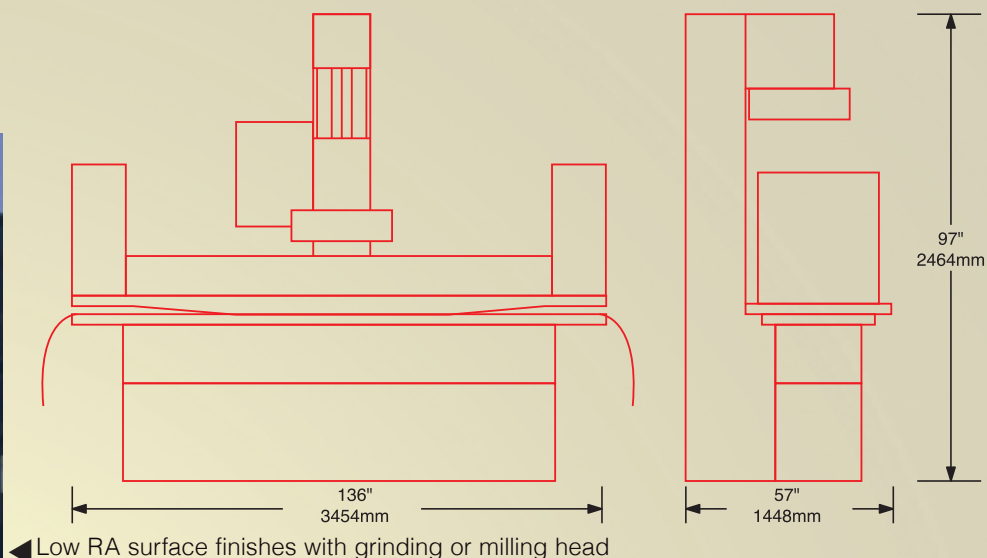
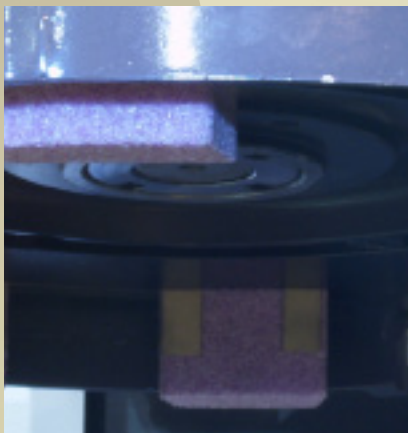


- **63" table traverse** accommodates large CAT and Cummins heads.
- **Get a smooth, controlled finish every time.** Electrically Driven Traversing Table with a variable speed table traverse and infinite speed control in each direction.
- **33" between table and cutter plate.**
- Crank wheel traverse quickly positions head.
- Rigid cast iron base and table incorporate **flat and v-way design for maximum accuracy and life.**
- **Automate working cycles** with optional PLC.
- 16.14" Grinding head with segmented stones. Dual CBN milling head optional.
- Cast Iron "box" type columns with dovetail ways extend durability and precision.
- **700, 1000 and 1500 RPM spindle speeds** allow operators to **achieve any RA surface finish**, and factory desired micro-inch finish **with ease.**
- **Ready to use** with standard tooling of universal head and block fixturing, including cylinder head mounting plate, universal rollover fixture and parallel supports.

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Model: SM160 GRINDING MACHINE



◀ Low RA surface finishes with grinding or milling head

Specifications:

Table Travel:	62.99" (1600mm)
Max. Surface Grinding Width	55.12" (1400mm)
Diameter of Wheelhead	16.53" (420mm)
Diameter of CBN Milling Head	16.53" (420mm)
Wheel Head H.P.	5 HP (3.75 KW)
Wheelhead Speeds, RPM	700, 1000 & 1500
Variable Table Traverse	0-314 IPM (0-8000mm minute)
Min. Wheel to Table	0" (0mm)
Max. Wheel to Table	33.46 (850mm)
Spindle Clearance to Column	10.23" (260mm)
Electrical	230V/60Hz/3Ph
Control Voltage	115 VAC (24 V)
Electric Pump	0.16 HP (0.12 KW)
LxWxH	111 x 54 x 89" (2820 x 1350 x 2250mm)
Weight	3960 lbs (1800 kg)
Shipping Weight	4620 lbs (2100 kg)

Standard Equipment cont'd:

Part Number	Description
121252	Way Lubricant (1 Gal.)
863012	Wheel Puller Bar Assembly
810155-1	Toe Clamp Set
810156-1	Edge Clamp Set (4)
818770	Parallel Set 4.7"

Optional Equipment:

Part Number	Description
818158	CBN Milling Head (double insert)
864810	Rollover Bar 72" Long
819100	30 deg. Supports for Large V-Blocks
819290	PLC Automatic Working Cycle
819255	Magnetic Coolant Cooler Cleaner
868482	Splash Guard w/Sliding Doors
819291	Motor Driven Rotary Table for Flywheels
816124	Grinding Segment General Purpose
150578	Grinding Segment for Steel
150591	Grinding Segment for Cast Iron
865346	CBN Milling Cutter Insert
866152	Milling Cutter Insert for Aluminum
866153	Lock pin for Aluminum Insert
866015	Clamp Screw
866016	Clamp
830006	Coolant
810198	Parallel Set 6"
810148	Parallel Set 12"
812349	Hydraulic Fluid (1 Gal.)
118144	Wheel Balancing Stand
864639	BHJ Support Bracket

Standard Equipment:

Part Number	Description
819020	Grinding Head & Pump Assembly
812206	Clamp Bar 42"
801141	Coolant Additive (1 Gal.)
810227	Cylinder Head Mounting Plate
818110	Dial Indicator Assembly
150591	Grinding Segments/Cast Iron (10)
815283	Dressing Stick
812997	Hold Down Assembly
862530	Parallel Set, 2.5"
812204	Rollover Bar 48"
812999	Rollover Jack Set
813000	Rollover Mounting Blocks
150554	Starrett Level 8"
867233	Straight Edge
866399	Tooling Package