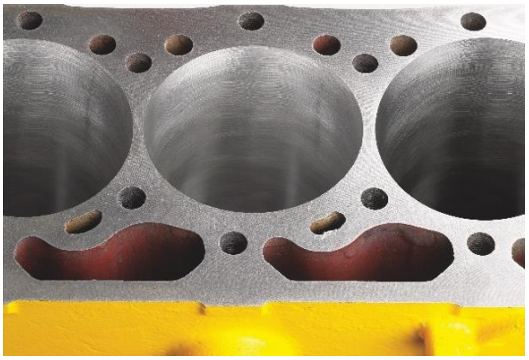
AMC-SCHOU SURFACE GRINDING MACHINE
Model: SG 1400-V





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The Benefits of Precision

AMC-SCHOU SURFACE GRINDING MACHINE

Backed by over 70 years of experience, AMC-SCHOU can fulfill your needs for fast and accurate surface grinding of cylinderblocks, cylinderheads etc.
The fact that the stabillity of the machine is constant regardless of the height of the item to be ground, assures optimum stock removal and grinding result.
The variable grinding wheel speed and feed allows the user to grind and milling many different kind of materials, using different cutting tools ang grinding stones, at different speeds and feeds.



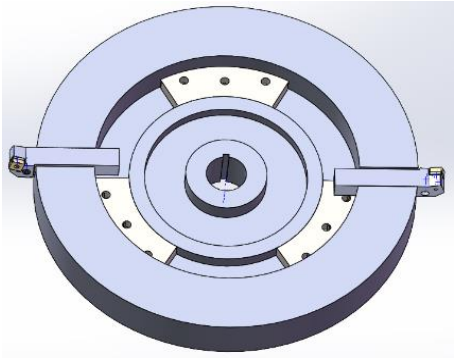
V-BLOCK SETTING UP FIXTURE

The top face grinding of V-engine blocks with 60°-90° or any other inclination is very conveniently performed with this special setting-up fixture consisting of two pedestals, three bars and a clamping device.



MILLING ATTACHMENT FOR ALUMINIUM HEADS

The milling attachment is equipped with 2 cutters adjusted from the factory. Interchangeable standard milling inserts are used, and the whole attachment is easily mounted on the grinding whell without removing the grinding segments.



MILLING HEAD

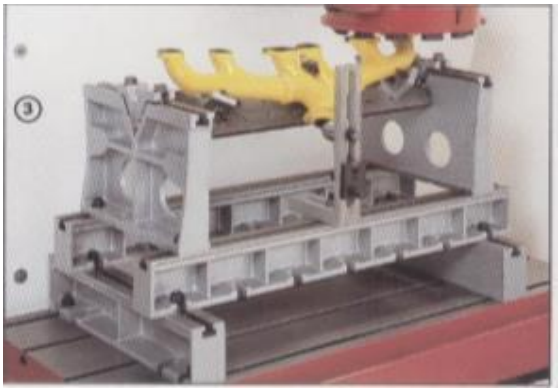
This milling head can be used insted of the grinding wheel segments head.



CYLINDER HEAD Setting-up fixture

A set of 4 special jacks enables an efficient and easy setting-up of parallel as well as angled cylinder heads. The setting-up can be performed without removing studs, valves or springs.

MORE ACCESSORIES FOR SURFACE GRINDING MACHINE



MANIFOLD SETTING-UP FIXTURE
Easy setting-up fixture for manifold, for grinding the manifold.



GRINDING WHEEL DRESSER
Built-in grinding wheel dresser adjustable for dressing at any angle. Always ready for use.



GRINDING WHEEL BALANCING STAND
Can use for balancing the grinding segment head, and balancing the milling head.

ALIGMENT AND DEPTH CONTROL DEVICE
This device enables easy aligment of surface before the grinding or milling process. Further it facillitats an easy way of checking the stock removal before and after machining.



SPIRIT LEVEL FOR WORK PIECE
This spirit level 0.1 mm can be used for level the work pieces.



BAND FILTER FOR COOLANT
An efficient filtering of the coolant assures the best grinding result.
The filter tank contains 70 l of coolant

AMC-SCHOU – SURFACE GRINDING MACHINE

TECHNICAL SPECIFICATIONS		**SG 1400-V**
Max grinding length	mm	1400
Max grinding width	mm	340/390
Max height of workpiece	mm	850
Table surface	mm	1400/600
Grinding wheel diameter	mm	350/400
Numbers of segments	mm	12
Vertical movement of wheelhead	mm	240
Fine feed of wheelhead per graduation	mm	0.01
Wheelhead traverse speed, stepless	mm/min.	0-3000
Grinding wheel head rpm, stepless 350/400 grinding wheel	rpm	0-1400/ 900
Capacity of coolant tank	L	95
Motors		
Grinding wheel motor	kW	4
Grinding wheel traverse motor	kW	1.5
Coolant pump	kW	0.12
Dimensions		
High of machine	mm	2300
Total length of machine	mm	2290
Total width of machine	mm	1160
Working space required	**mm**	3000x1560
Net. weight approx.	kg	2100
Shipping weight	kg	2450
Shipping volume	m^3	8.75

Specifications, descriptions, dimensions, and illustrations are subject to change without prior notice.
Please contact us for the latest specifications.