



SHITAL
MACHINERY & TOOLS



HYDRAULIC SURFACE GRINDING MACHINE

SPECIFICATIONS

MODEL	ASH-4522	ASH-6030
Max Table Size	450 x 225 mm	600 x 300 mm
Permanent Magnetic Chuck	450 x 200 mm	600 X 250 mm
Max Longitudinal Travel	500 mm	650 mm
Max Cross Traverse	225 mm	305 mm
Max Spindle centre height above the table	425 mm	375 mm
Max Table Speed	18 m/min	
Power Cross Traverse	1800 mm/min	
Auto Cross feed Table each reversal	0.5-5.0 mm	
Least count of vertical feed hand wheel	0.01 mm	
Least count of micro feed	0.002 mm	
Size of grinding wheel (Dia x Width x Bore)	200 x 13 x 31.75 mm	200 x 19 x 31.75 mm
Spindle Motor	1 Hp	2 Hp
Speed of Grinding Spindle	2800 Rpm	
Working Pressure	10 kg/cm ²	
Hydraulic Motor	1.5 Hp	
Tank Capacity	40 Litres	
Total Power	4 Hp / 3 Kw	5 Hp / 3.75 Kw
Net Weight (Approx.)	925 Kg	1250 Kg

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GRINDING



MACHINE FEATURES

- Body is Heavy Duty High Grade Cast Iron
- TURCITE-B table
- Wheel head spindle hardened
- Separate Hydraulic System is duly fitted

STANDARD ACCESSORIES

- Balancing Stand & Mandrel
- Diamond Dresser with Holder
- Wheel Puller
- Lubrication Pump
- One Grinding wheel with Flange
- Electric Motor with Starter
- Tool Kit
- Magnet Chuck Lock Piece
- Electric Control Panel
- Permanent Magnetic Chuck
- Hydraulic System
- Coolant System

OPTIONAL ACCESSORIES

- DRO
- Dust Collector
- Electric Magnetic Chuck
- Machine Lamp (230 V Ac)
- Coolant System with Magnetic Separator & Paper Band Filter
- Radius & Angular Wheel Truing Attachment

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