

Product Name :
Cranshaft Regrinder**Product Code :**
LABGW-0001 LAB ENGINEERING**Description :**

Cranshaft Regrinder

Technical Specification :

Cranshaft Regrinder.

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SPECIAL FEATURES FOR SUPERIOR PERFORMANCE :

- Wheelhead spindle supported by heavy duty
- White Metal Bush angular ball bearings of ultra precision class.
- Extra heavy workhead and tailstock spindles mounted in adjustable white Metal Bush and angular ball bearings of ultra precision class. Fullproof alignment of headstock and tailstock.
- Setting-up system supplied as standard
- Universal 3-jaw chucks fitted on back plates.
- Long bed provides extra support to table
- Continuous, automatic lubrication of bedways.
- Main Slide Auto Feed.
- Grinding Wheel Auto Feed.

Standard Equipments :

- 2 Off set heads with universal chucks
- 1 Crank centering V-gauge
- 1 Dial Indicator
- 1 Steady Rest
- 1 Suitable size Grinding wheel with fittings, with machine, balance weights, wrenches set, oil can and diamond tool.
- 1 Wheel Dresser for face and one wheel dresser for side
- 1 Radius dresser
- 1 Grinding wheel balancing stand
- Polishing attachment
- Sizing Gauge
- Crank Centring guide with dial gauge
- Motorised Coolant System complete with fittings
- Complete Electrical System 3 Phase 50/60 cycles, 220/380/440 Volts with Starter and Control Panel
- Complete Fitting & Wirings

Maximum distance between centres	1200 mm	1500 mm	2000 mm	2250 mm	3000 mm
Maximum distance between chucks	1150 mm	1463 mm	2050 mm	2235 mm	2950 mm
Swing over table	492 mm	492 mm	575 mm	711 mm	775 mm
Maximum weight of shaft to handled	60 Kg.	120 Kg.	210 Kg.	340 Kg.	1000 Kg.
Height from floor to spindle centres	1125	1125	1125	1220	1220
Work head spindle	30-45-68	27-41-61	27-42-65	27-41-61	22, 35, 50, 60
Maximum offset of centres	88	115 112mm	138	155	165
Grinding wheel speeds	1050 RPM	900 RPM	800 RPM	800 RPM	600 RPM
Table Travel Repid	22 mm	22 mm	22 mm	22 mm	22 mm
Table Travel slow	0.75 mm	0.75 mm	0.75 mm	0.75 mm	0.75 mm
Grinding wheel dia X width X centre hole	650 x 22 x 152.4	650 x 22 x 203.2	750 x 25.4 x 203	800 x 25.4 x 203	900 x 25.4 x 300
Work head Spindle Diameter	62 mm	62 mm	72 mm	72 mm	87.5 mm
Tail Stock Spindle Travel	75 mm	75 mm	75 mm	75 mm	75 mm
Wheel Head Motor	3 HP	5 HP	7.5 HP	7.5 HP	10HP
Work head Motor	1 HP	1 HP	1 HP	1 HP	2 HP
Main Slide Auto Motor	1 HP	1 HP	1 HP	1 HP	2 HP

Grinding Wheel Auto Motor	1 HP	1 HP	1 HP	1 HP	2 HP
Coolant Pump Motor	0.1 HP	0.1 HP	0.1 HP	0.1 HP	0.1 HP
Work Space Required	4572 x 1981	5750 x 1675	6875 x 2200	8534 x 2400	11000 x 2400
Net Weight Approximate	3000 Kg.	4000 Kg.	5000 Kg.	5500 Kg.	6400 Kg.
Gross Weight Approximate	3500 Kg.	4650 Kg.	5800 Kg.	6200 Kg.	7000 Kg.
Box Size Gross Approximate. (in mm)	3050 x 1525 x 1625	4200 x 1675 x 1650	4975 x 2125 x 1900	5175 x 2125 x 1950	7400 x 2150 x 2175

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