

MQ8260C Crankshaft grinding machine

Features

The crankshaft grinder model MQ8260C is modified on the basis of the Model MQ8260A and intended for use in the automobiles, tractors diesel engine works and their repair shops to grind the journals and crankpins of crankshaft.

- Three different work speeds are obtainable by making use of the belts in the work head. The cover can be opened so that the belts can be changed conveniently.
- Cross swallow-tailed chucks are selectively used in the headstock and tailstock.
- Friction coupling is used in the headstock transmission chain for its easy adjustment.
- Single layer table, with an oblique angle of 10 degree, longitudinal traverse can be operated either by hand or by power.
- Wheel head rapid approach and withdrawal effected by hydraulic means can be digitally displayed at a resolution of 0.005mm.
- The wheel spindle being of 80mm in diameter has good rigidity and strength
- The roller ways are for wheel head movement
- The bed ways and wheel head ways are lubricated in an automatic cycle by means of the oil pump.
- Plastic coat is adhered to the bed way.
- Air cushion can be used on the tailstock providing easy adjustment. Crosswise movement of tailstock is effected.

Main specifications

Model	MQ8260C×1600	MQ8260C×1800	
Max. work diameter × Max. length	Φ600×1600 mm	Φ600×1800 mm	
Capacity	Max. swing over table	Φ600 m	
	Work diameter ground with steady rest	Φ30-100 mm	
	Throw of crankshaft	110 mm	
	Max. work length ground in 3 jaw chuck	1400 mm	1600 mm
	Max. work length ground between centers	1600 mm	1800 mm
	Max. work weight	120 kg	
Headstock	Center height	300 mm	
	Work speed (rpm)	25,45,95	
wheelhead	Max. cross movement	185 mm	
	Wheelhead rapid approach & withdrawal	100 mm	
	Wheelhead feed per turn of cross feed handwheel	1 mm	
	Wheel feed per grad of cross feed handwheel	0.005 mm	
Grinding wheel	Wheel spindle speed	740, 890 rpm	
	Wheel peripheral speed	25.6~35 m/sec	
	Wheel size	Φ900×32×Φ305 mm	
Table	Table traverse per turn of handwheel coarse	5.88 mm	
	Table traverse per turn of handwheel fine	1.68 mm	
	Table swivel (taper 18/100)	5°	

	Table swivel per grad of scale (taper 1:50)	10'	
Overall capacity of motor		9.82 kw	
Overall dimensions (L×W×H)		4166×2037×1584 mm	
Packing dimensions (L×W×H)		4300×2200×2000 mm	
Weight		6000 kg	6200 kg
Working accuracy	Ovality new standard	0.005	
	Cylindricity	0.01	
	Roughness	Ra 0.32	Ra 0.32

Standard Accessories

jaw chucks
 wheel dresser
 wheel balancing arbor
 leveling wedge
 driving dog
 vertical aligning stand
 horizontal aligning stand
 wheel balancing stand
 hanging measuring device
 steady rest
 centering device
 grinding wheel

Optional Accessories

end dresser
 digital readout
 polisher
 diamond dresser