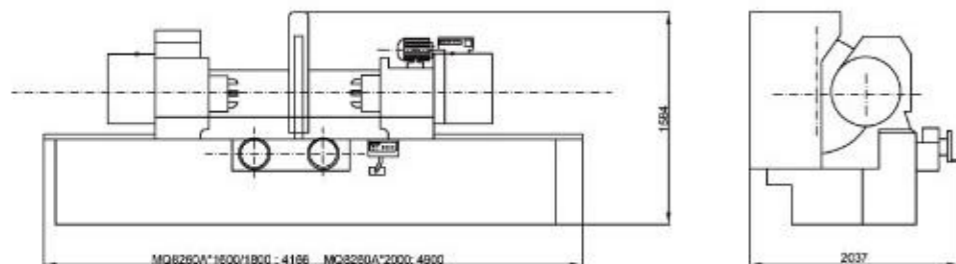


# MQ8260A×1600/1800/2000

## crankshaft grinding machine

MQ8260A crankshaft grinding machine is intended for use in automobile, tractor and diesel engine repairing shops to regrind the crankpins and journals of crankshafts. Wheelhead rapid approach and withdrawal is hydraulically effected, the worktable is operated approached either by hand or by power. Power table traverse, either left or right, is momentarily actuated by depressing and releasing the electric push button in connection with the desired direction. This arrangement facilitates table spacing for the grinding of the next journal or crankpin.

- Four different work speeds are obtainable by making use of a double - speed motor and the belts in workhead.
- Union chucks are used in the headstock and tailstock for adjusting eccentricity up to 120 mm.
- Friction coupling is used in the headstock transmission chain for its easy adjustment.
- Table longitudinal traverse is operated either by hand or by power.
- Wheelhead rapid approach and withdrawal is effected by hydraulic means .
- Rolling guideways are used on wheelhead and made by high quality material . The wheel spindle being of 80 mm in diameter has good rigidity and strength.
- Plastic coated bed ways with less friction.
- The bed ways and wheelhead ways are lubricated in automatic cycle by means of oil pump.
- The digital display device can be optional.



### Technical Specifications

Model	Unit	MQ8260A×1600	MQ8260A×1800	MQ8260A×2000	
Max. work diameter × Max. work length	mm	φ600×1600	φ600×1800	φ600×2000	
Capacity	Max. swing over table	mm	φ600	φ600	
	Work diameter ground with steady rest	mm	φ30×100	φ30×100	φ50×120
	Throw of crankshaft	mm	φ110	φ110	φ120
	Max. work length ground in 3 jaw chuck	mm	1400	1600	1800
	Max. work length ground between centers	mm	1600	1800	2000
Headstock	Max. work weight	kg	120	150	
	Center height	mm	300	300	300
Wheelhead	Work speed	rpm	25,45,95	25,45,95	30,45,65,100
	Max. cross movement	mm	185	185	185
	Wheelhead rapid approach & withdrawal	mm	100	100	100
	Wheelhead feed per guard of cross feed handwheel	mm	1	1	1
	Wheel feed per turn of cross feed handwheel	mm	0.005	0.005	0.005
Grinding wheel	Wheel spindle speed	rpm	740, 890	740, 890	740, 890
	Wheel peripheral speed	m/sec	25.6-35	25.6-35	25.6-35
	Wheel size	mm	φ900×32×φ305	φ900×32×φ305	φ900×32×φ305
Table	Table traverse per turn of handwheel coarse	mm	5.88	5.88	5.88
	Table traverse per turn of handwheel fine	mm	1.68	1.68	1.68
	Table swivel (taper 18/100)	degree	5'	5'	5'
	Table swivel per grad of scale (taper 1.50)	10'	10'	10'	
Overall capacity of motor	kw	9.82	9.82	11.12	
Overall dimensions (L×W×H)	mm	4166×2037×1584	4166×2037×1584	4900×2037×1584	
Packing dimensions (L×W×H)	mm	4300×2200×2000	4300×2200×2000	5300×2200×2000	
Weight		kg	6000	6200	7000
	Ovality new standard	mm	0.005	0.005	0.005
Working accuracy	Cylindricity	mm	0.01	0.01	0.01
	Roughness	μm	Ra 0.32	Ra 0.32	Ra 0.32



### Standard Accessories

- jaw chucks
- wheel dresser
- wheel balancing arbor
- leveling wedge
- wheel adaptor
- 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



Crankshaft grinding machine

# Accessories

## crankshaft grinding machine MQ8260A×1600/1800/2000

