

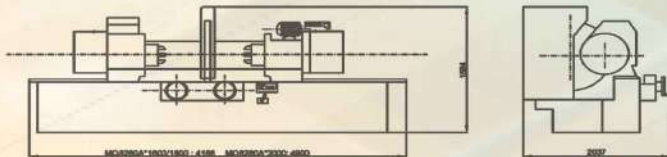


## MQ8260A×1600/1800/2000

### 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.



#### Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

#### Technical Specifications

| Model                                            | Unit   | MQ8260A-1600   | MQ8260A-1800   | MQ8260A-2000   |
|--------------------------------------------------|--------|----------------|----------------|----------------|
| Max. work diameter × Max. work length            | mm     | Φ600-1600      | Φ600-1800      | Φ600-2000      |
| Max. swing over table                            | mm     | Φ500           | Φ500           | Φ500           |
| Capacity                                         |        |                |                |                |
| 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           |
| Max. work weight                                 | kg     | 120            | 120            | 150            |
| Headstock                                        |        |                |                |                |
| Center height                                    | mm     | 300            | 300            | 300            |
| Work speed                                       | rpm    | 25,45,95       | 25,45,95       | 30,45,65,100   |
| Max. cross movement                              | mm     | 185            | 185            | 185            |
| Wheelhead                                        |        |                |                |                |
| 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     | 1.88           | 1.88           | 1.88           |
| Table swivel (taper 18/100)                      | degree | 5°             | 5°             | 5°             |
| Table swivel per grad of scale (taper 1.50)      | 10'    | 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           |
| Working accuracy                                 |        |                |                |                |
| Quality new standard                             | mm     | 0.005          | 0.005          | 0.005          |
| 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

PT. Valtekindo Global Intertek

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