



## T8210D/T8216

### con-rod boring machine

Con-rod boring machine has good performance, better structure, easy operation and high accuracy and can meet customer's demand. The machine is mainly used in boring rod bushing hole (rod bushing and copper bush) of diesel and gasoline engine of automobiles and tractors. In case of necessity, rod bushing seal hole can be fine-bored. The rough and fine boring processing for the holes on other parts can be also completed after changing the corresponding clamps. Besides, it has the accessories for centering secifying tools, boring tools and micro-adjustment tools holder etc.

#### Technical Specifications

| Model                                  | T8210D                  | T8216                             |
|----------------------------------------|-------------------------|-----------------------------------|
| Diameter range of boring hole          | Φ16-Φ100 mm             | Φ15-Φ150 mm                       |
| Centre distance of link two hole       | 100-425 mm              | 65-600 mm                         |
| Longitudinal travel of worktable       | 220 mm                  | 320 mm                            |
| Spindle speed                          | 350, 530, 780, 1180 rpm | 140, 215, 355, 550, 785, 1200 rpm |
| Transverse adjusting amount of fixture | 80 mm                   | 80 mm                             |
| Feeding speed of worktable             | 16-250 mm/min           | 16-250 mm/min                     |
| Traveling speed of working             | 1800 mm/min             | 1800 mm/min                       |
| Diameter of boring bar (4 class)       | 14, 16, 24, 40 mm       | 14, 29, 38, 59 mm                 |
| Main motor power                       | 0.65/0.85 Kw            | 0.85/1.1 Kw                       |
| Motor power of oil pump                | 0.55 Kw                 | 0.55 Kw                           |
| Overall dimensions(L×W×H)              | 1150×570×1710 mm        | 1300×860×1760 mm                  |
| Packing dimensions(L×W×H)              | 1700×950×1450 mm        | 1850×1100×1700 mm                 |
| N.W./G.W                               | 700/900 kg              | 900/1100 kg                       |

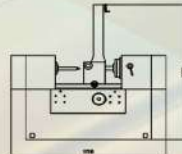
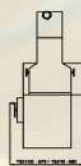
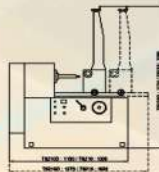
## TM8216

### con-rod boring and grinding machine

This machine is mainly applied to bore and grind bearing holes (including copper quill and connecting-rod tie) on connecting-rod of gasoline and diesel engine in automobile tractor. Also can carry out fine boring or grinding process to connecting-rod bearing seat of deformed workpiece, after grinding combining surface, to ensure the parallelism of two center lines. Equipped with various specialized fixture. TM8216 can be used to complete fine boring and grinding process to piston pin hole, gas pump bearing hole and valve seat hole, etc.

#### Technical Specifications

| Model                                                               | TM8216            |
|---------------------------------------------------------------------|-------------------|
| Range of hole diameter to be bored                                  | Φ20-Φ160 mm       |
| Range of hole diameter to be grinded                                | Φ30-Φ160mm        |
| Distance between 2 holes center of rod                              | 60-650 mm         |
| Distance between center of boring and grinding bar to the worktable | 270 mm            |
| Longitudinal travel of worktable                                    | 450 mm            |
| Boring head motor                                                   | 0.55 / 0.75 Kw    |
| Grinding head rotation / revolution motor                           | 0.55 / 0.37 Kw    |
| Hydraulic system motor                                              | 0.55 Kw           |
| Overall dimensions                                                  | 1700×1300×1800 mm |
| Packing dimensions                                                  | 2250×1120×1660 mm |
| N.W. / G.W.                                                         | 1300 / 1500 kg    |



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

#### Accessories

- 1 expanding fixing core axle
- 2 increase tool plate
- 3 grinding wheel & grinding bar(only for TM8216)
- 4 measuring device
- 5 boring sleeve & centering sleeve
- 6 boring bar & boring cutters



PT. Valtekindo Global Intertek

SJI-1