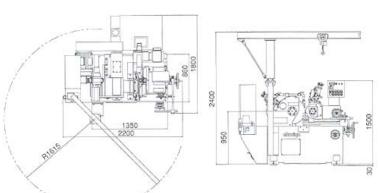
## **пhтіцп** Ohmiya Machinery Co., Ltd

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## OC-18BR-150(200)





- 1. The machine is applicable to wide variety of grinding works from heavy cut to grinders.
- 2. Both the grinding and regulating wheel spindles are supported by the ultra-precision double-row cylindricalroller bearings.It ensures stable and high grinding accuracy.
- The variable speed motor drives the regulating wheel spindle. It permits stepless speed control of the regulating wheel spindle to meet the workpiece to be ground.
- Independent upper/lower slides are provided on the regulating wheel spindle. It realizes more diversified applications to the workpieces as well as simplified precision adjustments.
- The machine is designed to minimize vibration, thermal displacement and other mechanical problems to guarantee the optimal processing accuracy.
- The machine is provided with good enough functions to cope with automation of the production process by the CNC, automatic loading/unloading units, and also chaining of production process.

|                                   | OC-18BR-150                              | OC-18BR-200         |
|-----------------------------------|--|---------------------|
| Grinding Capacity                 | $\phi 1 \sim \phi 40 (\phi 40 \sim 100)$ |                     |
| Max. Infeed Grinding Length       | 150L                                     | 200 L               |
| Grinding Wheel (Diam.xWxBore)     | φ455 × 150 × φ228.6                      | φ455 × 205 × φ228.6 |
| Regulating Wheel (Diam.xWxBore)   | $\phi$ 255 × 150 × $\phi$ 111.2          | φ255 × 205 × φ111.2 |
| Peripheral Speed (Grinding Wheel) | 2,000m/min (2,700m/min option)           |                     |
| Rev Count (Grinding Wheel)        | 1,390rpm                                 |                     |
| Rev Count (Regulating Wheel)      | $10\sim250$ rpm (Infinity variable)      |                     |
| Grinding Wheel Drive Motor        | 11kW                                     |                     |
| Regulatins Wheel Drive Motor      | 1.5kW (Variable Speed Motor)             |                     |
| Coolant Pump Motor                | 0.18kW                                   |                     |
| Net Weight(approx.)               | 3,000kg                                  | 3,300kg             |