Cylindrical Grinding Function (Option)

Enclosed feed system to strictly control the very wide range of cross-feed and can be selected. The grinding wheel is a major factor for productivity and can increase the efficiency significantly. (3 axes can be equipped). This function is standard function of the single-end and double column series.

NC Auto Down Feed System (ADS type) (Option)

Except for 10 series, the left and right type can be equipped with an ADS type (AC servo). The DC motor with hard ball screw can be equipped for greatly increased conventional convenience. This function is the standard function of the single-end and double column series.

NC Auto Parallel Dressing & Compensating System (Option)

The optional NC parallel dressing & compensating system is available to equip with an option of NC auto down feed system (ADS type), greatly increasing the grinding efficiency.

Vertical Wheel Head (Option)

User-requested the double wheel head is available to cope with vertical wheel head. It is suitable for grinding beam stub ends and oblique side surfaces.

Surface Grinders

Cylindrical Structure

The major parts are manufactured from high quality cast iron combined with water-cooling, providing a high precision and durability in the grinding accuracy.

Precision Spindle Design

The spindle is a sine wave high precision angular contact bearing, precision spindles, high quality, high precision spindles to be completely sealed and is bored for long working lifetime, providing high accuracy grinding and long service life.

Turbo-R 8 on Sideways

The NC Z axis only available with Turbo-R 8 for stable movement and long term accuracy.

M.P.G. Handwheel

Except for the double type, the vertical feed controlled by an M.P.G. handwheel instead of a conventional handwheel. Feed is driven by an NC servos for effortless operation and high accuracy.

Heavy Duty Linear Guide Ways

The external surface of the guideway type is equipped with two heavy-duty linear guide ways with great span for extra smooth movement and high rigidity.

Precision Feed on Vertical axis

The external surface of the guideway type and double column type are equipped with high precision linear guide ways combined with high precision ball linear transmission, ensuring outstanding feed accuracy and maximum stability.

Variable Table Speed

The variable table speed of the surface & double column type table is controlled by a proportional hydraulic valve, allowing for speed adjustment according to the workpiece type for increased convenience of operation.