Perfect PFG-50200 -70200 ADP Series Column Type **Surface Grinders**. These are large capacity surface grinders with 500 x 2000, 600 x 2000 or 700 x 2000mm tables.

Specification	**Column Type Surface Grinders**
Grinding surface of table	500 x 2000mm 600 x 2000mm 700 x 2000mm
Maximum distance centre of spindle to table	600mm
Table speed approx.	5~25m/min
Rapid power cross feed	900mm/min
Rapid power hand elevation	300mm/min
Auto cross feed motor	1.5K (AC servo motor)
Rapid head elevation motor	1K (AC servo motor)
Cross & Vertical feed by MPG	1 rev (X10) 1mm 1 gra (X10) 0.01mm
Wheel dimension	405 x 50 x 127mm
Wheel speed	1450rpm
Spindle motor	10HP
Hydraulic motor	5HP

Standard

Grinding wheel and wheel flange
Flange extractor
Wheel balancing arbour and base
Wheel dresser with diamond
Levelling screws and plates
Tool box and tools
Working lamp

Standard Equipment

LCD touch screen panel (HMI Interface) (PLC Controller)
Auto down feed (NC)
Auto dressing and compensation (table parallel dressing)
Vertical travel is driven by AC Servo motor + MPG

Crossfeed travel is driven by AC Servo motor + MPG
Auto crossing pitch grinding
Auto crossing stroke adjustment
Criss cross grinding
Stepless variable proportional valve hydraulic system
Auto longitudinal stroke adjustment
Position display (cross feed & vertical feed)
Semi-enclosed splash shield (right side open)
10HP spindle motor inverter

Need to go to a larger machine?

You need to look at the PERFECT Cantilever style grinding machines:

The PERFECT PFG-80200 AHD offers a wider grinding capacity or if you need to go above a 2000mm grinding length, the PERFECT PFG-80300AHD.

Want to stay with the ADP PLC Control, the PERFECT PFG-80200 & PFG-100200 ADP Cantilever machines offer grinding widths up to 1000mm

Perfect PFG-120600 AHD & PFG-160600 AHD Series Double Column Type Surface Grinders