

Perfect PFG 50100 is 500 x 1000mm surface grinder

PFG 60100 is a 600 x 1000mm machine and the PFG70100 is a 700 x 1000mm grinding machines.

(Box way for cross & vertical feed)

### **Specification**

Grinding surface of table	500 x 1000mm 600 x 1000mm 700 x 1000mm
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 (X1) 0.1mm 1 gra (X1) 0.001mm
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)

## Perfect PFG-50100, PFG-60100, PFG-70100 ADP Series Column Type Surface Grinders

Auto downfeed (NC)  
Auto dressing and compensation (table parallel dressing)  
Vertical travel driven by AC Servo motor + MPG  
Cross feed travel 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

[Perfect PFG-2550, PFG-3060, & PFG-4080 Series Saddle Type Surface Grinders  
with ADP PLC Control](#)

[Perfect PFG-CL3060 & DL3060 AH Series Saddle Type Surface Grinders](#)

[Perfect PFG-50150, PFG-60150 & PFG-70150 ADP Series Column Type Surface  
Grinders](#)