

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)

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](#)