

(Boxway for cross & vertical feed)

Specification

Table surface
Spindle motor
Hydraulic motor
Cross motor
Rapid head elevation motor
Table loading
Maximum distance from centre of spindle to table
Minimum feeding for cross
Minimum feeding for vertical

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PFG-2550 ADP

250 x 500mm
2HP
1HP
AC Servo motor 750W
AC Servo motor 1kW
250kgs
500mm
0.015mm
0.002mm

PFG-3060 ADP

300 x 600mm
5HP
1HP
AC Servo motor 750W
AC Servo motor 1kW
300kgs
500mm
0.015mm
0.002mm

PFG-40800 ADP

400 x 800mm
5HP
2HP
AC Servo motor 750W
AC Servo motor 1kW
400kgs
550mm
0.015mm
0.002mm

Standard Equipment

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 Mode

Surface grinding
Criss cross grinding
Plunge grinding
Pitch grinding (same pitch & depth)

Standard Equipment

LCD touch screen panel (HMI Interface) (PLC controller)
Auto down feed (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
Micro feed for cross feed
Stepless Variable Proportional Valve Hydraulic System
Auto longitudinal stroke adjustment
Position display (Cross feed & Vertical feed)
Semi-Enclosed splash shield (right side open)

Watch the [**PERFECT X Series**](#) video to see the ADP control in operation with one-micron resolution control.

Perfect PFG-2550, PFG-3060, & PFG-4080 Series Saddle Type
Surface Grinders with ADP PLC Control