

Specification

	High Accuracy Surface Grinder
Table size	250 x 500mm
Max. distance from centre of spindle to table	500mm
Max. table travel	510mm
Maximum cross travel	255mm
Rapid power up/down	550mm/min
Rapid power cross feed	900mm/min
Table speed	3~25m/min
Minimum feeding setting	0.001mm
Spindle motor	2.25kW
Motor for vertical feed	0.75kW AC Servo motor
Motor for cross feed	0.75kW AC Servo motor
Hydraulic motor	0.7kW
Grinding wheel speed	3500rpm (60Hz) 2900rpm (50Hz)

High Accuracy Surface Grinders from Perfect. Superior accuracy that will work with your budget.

Machine equipped with:-

10" (16:9) HMI touch screen panel
Auto downfeed system (PLC)
Grinding mode: surface, criss cross, plunge and pitch (same depth)
Auto longitudinal and crossing stroke adjustment
Stepless variable proportional valve hydraulic system
Vertical and cross feed travel driven by AC servo motor + MPG
Linear guide ways for cross and vertical feed
2.25kW spindle motor inverter
Auto dressing and compensation function (diamond dresser on the table)
Position display (cross feed and vertical feed)
Semi enclosed splash shield (right side open)

Perfect X25 Saddle Type High Accuracy Surface Grinder with PLC



Images shows PERFECT X25H CNC version with SIEMENS CNC Control and optional full machine enclosure (available on all X Series models)