

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)