CNC precision surface grinders

Three-axis closed-loop control, 0.002 mm positioning accuracy, stored grinding cycles and automatic wheel dressing. Built for shops that grind the same part to the same tolerance every day.



Specifications

Specification	PSG-250S K3 CNC Surface Grinder	PSG-306S K3 CNC Surface Grinder	PSG-525C NC CNC Surface Grinder with Automatic Dressing	PSG-4080 CNC CNC Surface Grinder	PSG-5010 CNC CNC Surface Grinder	PSG-8020 CNC CNC Surface Grinder	PSG-8015 CNC CNC Surface Grinder

What the control actually does

• Grinding cycle: rough, semi-finish and spark-out passes with programmable down feed per pass.

• Wheel dressing: diamond dresser mounted on the wheelhead, compensation entered automatically after each dress.

• Program storage: 100 part programs with editable parameters, no G-code editing needed on the floor.

• Feedback: ground-glass scales on X and Z, so accuracy does not drift with ball-screw growth.

Scope of supply

Included	Machine, coolant system with magnetic separator, wheel flange and one balanced wheel, magnetic chuck controller, work lamp, tool kit, manuals and inspection report
Options	Fine-pole chuck, demagnetizer, mist collector, rotary dresser, automation interface, extra wheel flange set
Utilities	380 V / 50 Hz three phase (other voltages built to order), compressed air 0.5 MPa, coolant 40 L tank
Installation	Level pads and anchor bolts supplied; foundation drawing issued with the order