

Machine Name : Centreless grinding machine

Brand : e-tech

Machine Model : ECG-1808S

Stock No. : 812405

Ex-factory Date : 2013



Main Technical Parameters:

Workpiece diameter (standard bracket): $\Phi 1-80\text{mm}$

Workpiece diameter (special bracket): $\Phi 80-100\text{mm}$

Automatic feed increment (NC): $0.001-99.999\text{ mm}$

Grinding wheel dimensions (external diameter $\times$ width $\times$ through hole): $405 \times 205 \times 228.6\text{mm}$

Grinding wheel spindle speed: 1520 rpm

Trimming feed (per scale): 0.02mm

Dressing feed (per resolution): 2 mm

Guide wheel dimensions (external diameter $\times$ width $\times$ through hole): $255 \times 205 \times 228.6\text{mm}$

Guide wheel speed (10 gears): $13-308\text{ rpm}$

Handwheel feed (per scale): 0.05mm

Handwheel feed (per resolution): 3.5mm

Micro-feed (per scale): 0.001mm

Micro-feed (per resolution): 3.5mm

Swing Angle: $\pm 5^\circ$

Tilt Angle: $+5^\circ$ to -3°

Worktable rapid feed (per scale): 0.05mm

Worktable rapid feed (per resolution): 9mm

Grinding Wheel Motor Power: $15/20\text{ HP}$

Hydraulic Motor: 1 HP

Feed Actuating Motor: 1.5 kW

Machine Weight: 3600 kg

Machine Dimensions: $2700 \times 2240 \times 1860\text{ mm}$

