

THE D6

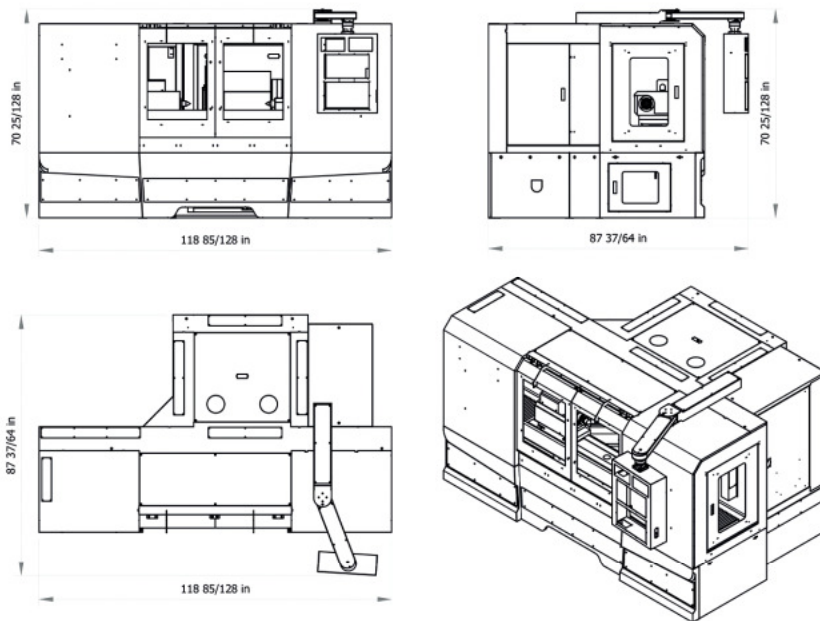


External Cylindrical Grinding Machine



D6

Compact in Design, Versatile in Use



- SCHNEEBERGER mineral casting
- THK ball screws

Options

- Automatic Safety Door
- Marposs In-process OD gauge
- Marposs Touch Probe FESTO pneumatic cylinder)
- SBS Audio Collision Prevention System
- SBS Dynamic Balancing System
- Linear Scale / Optical Scale (Fagor/HEIDENHAIN)
- Filtermist Oil Mist Collector

Technical Specifications

Work Capacity

Swing diameter (in)	13,78
Max. grinding diameter (in)	12,99
Max. grinding length (in)	23,62
Distance between centers (in)	25,59
Max. weight of workpiece between centers (lb)	132.30 (without center steady rest)

Grinding wheel head

Grinding wheel dimensions (outer × thickness × inner) mm	24.02 × (0.98~3.94) × 8.00
Spindle motor power (hp)	14,75
Cutting line speed of grinding wheel (ft/min)	11811.00 (Optional 19685.00)
Spindle axis size (in)	2,64
Spindle bearing type	Bearing type (optional belt-type)

Workhead

Type	Fixed center/Live center
Center taper	MT5
Spindle speed (rpm)	10~1000
Motor power (hp)	2,68

Tailstock

Center taper	MT4
Sleeve diameter (in)	2,28
Spindle travel (in)	1,38

X-axis grinding wheel slide

Table travel (in)	15,75
Quick feed speed (in/min)	629,9
Min. feed/every scale (in)	0.0000394/0.000394/0.003937
Feed mode of grinding wheel	Plunge / Angular
X-axis servo motor (hp)	2,95
Grinding wheel slide	A V-Flat structure guide rail

Z-axis grinding wheel slide

Table travel (in)	27,56
Quick feed speed (in/min)	629,9
Min. feed/every scale (in)	0.0000394/0.000394/0.003937
Z-axis servo motor (hp)	2,95
Table slide	A V-Flat structure guide rail
Bench rotation angle (degrees clockwise/counterclockwise)	4 and 9

Universal

Grinding wheel head lubricating oil pump (hp)	0,24
Grinding fluid pump (hp)	0,24
Guide oil pump (hp)	0,0335
Grinding wheel head oil tank capacity (gal)	7,9
Grinding fluid tank capacity (gal)	31,7
Guide oil tank capacity (gal)	2.10 (Full-time lubrication)
Net weight (lb)	11464
Dimensions (in)	118.70 × 86.61 × 73.50