

BO 90 CNC

Modern, compact and powerful with rotating setup table



See this Machine
in action on
YouTube



- Heavy-duty cast-iron machine frame plus wide guideways for optimum drilling and milling work results
- Manually indexable rotary table, divisions in 5° increments
- Powerful servo-drives and preloaded ball screws with large diameters ensure precision at high travel speeds
- BT 40 spindle mount with automatic tool clamping
- Pneumatic rotary table ensures maximum angular accuracy and provides simple adjustment of angle settings
- A Siemens 828 D control with servo-driven axes meets all requirements of an advanced CNC concept in programming and handling



Work Table with hardened surface and 360° rotation

Specifications

BO 90 CNC

Working area

Drilling capacity	mm	30
Finish bore	mm	200
Milling capacity	cm ³ /min	55
Table load capacity	kg	1.000
Table dimensions	mm	630x800
Number of T-slots	Pieces	6
T-slots, width	mm	18
Spindle axis-to-table surface distance	mm	570
Table rotation range (5° units)		360

Travels

Travel X-axis	mm	700
Travel Y-axis	mm	510
Travel Z-axis	mm	800

Headstock

Spindle speed	1/min	10 - 6.000
Spindle mount		BT 40

Feed

Feed speed X-axis	mm/min	1 - 2.000
Feed speed Y-axis	mm/min	1 - 2.000
Feed speed Z-axis	mm/min	1 - 2.000

Accuracies

Positioning accuracies	mm	± 0,008
Repeatabilities	mm	± 0,005
Angular accuracy		± 3"

Drive capacity

Motor rating main drive	kW	11
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Measures and weights

Overall dimensions (length x width x height)	m	3,55x2,35x2,1
Weight	kg	4.800
Part No.		180027



Table rotates for multi-sided machining

Standard Equipment

Siemens 828 D Basic control, pneumatic rotary table, electronic hand-wheel, halogen lights, central lubrication, drill chuck 3-16 mm / B18, tool-holder bits MT4 / B18, reducing sleeves MT3, MT4, MT5, foundation bolts, operating manual and programming instructions

Options

Options	Part No.
• E-BO 90CNC spare part package for 180027	259116