

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
- 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	in	1.18
Finish bore	in	8
Milling capacity		55
Table load capacity	lbs	2,200
Table dimensions	in	25x31
Number of T-slots	positions	6
T-slots, width	in	0.7
Spindle axis-to-table surface distance	in	22.44
Table rotation range (5° units)		360

Travels

Travel X-axis	in	28
Travel Y-axis	in	20
Travel Z-axis	in	31

Headstock

Spindle speed	rpm	10 - 6,000
Spindle mount		BT 40

Feed

Feed speed X-axis	in/min	0 - 79
Feed speed Y-axis	in/min	0 - 79
Feed speed Z-axis	in/min	0 - 79

Accuracies

Positioning accuracies	in	± 0.0003
Repeatabilities	in	0.0002
Angular accuracy		± 3"

Drive Capacity

Motor rating main drive	Hp	14.8
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Measures and Weights

Overall dimensions (length x width x height)	in	139.8x92.5x82.7
Weight	lbs	10,560
Part No.		180027

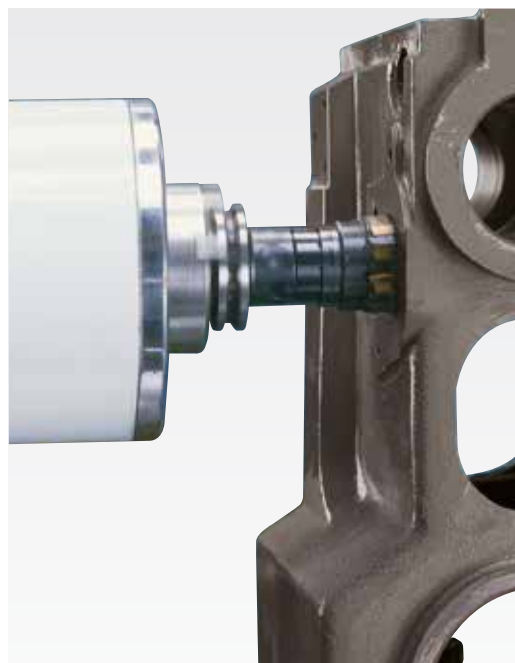


Table rotates for multi-sided machining

Standard Equipment

Siemens 828 D Basic control, pneumatic rotary table, electronic hand-wheel, halogen lights, central lubrication, drill chuck .12 - .63 in / B18, tool-holder bits MT4 / B18, reducing sleeves MT3, MT4, MT5, foundation bolts, operating manual and programming instructions

Options

Part No.

• E-BO 90CNC spare parts package for 180027	259116
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