

BO T 130 CNC shown



Wide guideways

- The large, heavily ribbed box-column base is made of premium cast-iron to ensure stability and rigidity even under very heavy machining loads
- The massive machine frame features wide guideways and is designed for table loads up to 5 tons
- The CNC work table indexing in 5° steps allows flexible 4-sided complete machining of the workpiece without retooling
- The powerful motor ensures constant torque across the entire infinitely variable speed range
- The Siemens 828D CNC-ensures high productivity and precision during production
- Excellent functional interaction between hardware and software ensures high dynamics, while motors and drive technologies provide the necessary precision

- Telescoping stainless steel covers protect the guides from chips and dirt
- Precision preloaded ball screws in all axes ensure high accuracy with low wear and maintenance
- Easy maintenance due to standard central lubrication system
- Optionally the machine can be equipped with a tool changer

Options

	Part No.
• Arm type ATC, 24 Tools	253427
• 1° indexing CNC work table	253429
• 0.001° indexing work table for BO T 130 (L) CNC	253430
• Increase Y-axis travel with extra 400 mm	253431

Standard Equipment

Siemens 828D control, electronic hand-wheel, 5° indexing CNC work table, RS-232 interface, work lamp, central lubrication, coolant system, operator manual

Specifications

		BO T 130 CNC	BO T 130 L CNC
Working area			
Drilling capacity	mm	50	50
Counterbore diameter (max.)	mm	250	250
Table set up area	mm	1.350x1.000	1.350x1.000
Table load capacity	kg	5.000	5.000
Spindle center-to-table distance	mm	0 - 1.200	0 - 1.200
Number of T-slots	Pieces	7	7
T-slots, width	mm	22	22
T-slots, spacing	mm	125	125
Table indexing	deg	5	5
Travels			
Travel X-axis	mm	1.300	1.600
Travel Y-axis	mm	1.200	1.200
Travel Z-axis	mm	1.200	1.200
Travel W-axis	mm	550	550
Headstock			
Speed range	1/min	(2) 12 - 1.200	(2) 12 - 1.200
Spindle diameter	mm	130	130
Spindle torque (max.)	Nm	1.500	1.500
Spindle mount		BT 50	BT 50
Facing slide speed	1/min	4 - 125	4 - 125
Rapid feed			
Rapid feed X-axis	mm/min	10.000	10.000
Rapid feed Y-axis	mm/min	10.000	10.000
Rapid feed Z-axis	mm/min	10.000	10.000
Rapid feed W-axis	mm/min	5.000	5.000
Rapid feed B-axis	mm/min	5,5	5,5
Feed			
Feed X-axis	mm/min	5 - 2.000	5 - 2.000
Feed Y-axis	mm/min	5 - 2.000	5 - 2.000
Feed Z-axis	mm/min	5 - 2.000	5 - 2.000
Feed W-axis	mm/min	5 - 2.000	5 - 2.000
Accuracies			
Positioning accuracy X-axis	mm	0,04	0,04
Positioning accuracy Y-axis	mm	0,04	0,04
Positioning accuracy W-axis	mm	0,04	0,04
Positioning accuracy Z-axis	mm	0,04	0,04
Repeatability X-axis	mm	0,02	0,02
Repeatability Y-axis	mm	0,02	0,02
Repeatability T-axis	mm	0,02	0,02
Repeatability W-axis	mm	0,02	0,02
Work table rotation accuracy	"	10	10
Work table repeatability	"	4	4
Drive capacity			
Main motor rating	kW	17 / 20,5	17 / 20,5
Measures and weights			
Overall dimensions (length x width x height)	m	7,1x6,6x3,6	7,1x7x3,6
Weight	kg	17.500	18.500
Part No.		100082	100083