



Setup table with manual rotation and manual face slide as standard

- The state-of-the-art machine frame is constructed of premium cast-iron to ensure stability and rigidity even under very heavy machining loads
- 4-side machining is supported by a manually rotated setup table that can be locked with high precision in 4 positions
- The rotary table features a large table center support area that can handle workpiece weights up to 5 tons
- Spindle and facing slide speeds can be quickly adjusted via an infinitely variable rpm control
- Siemens 828D control and drives guarantee high productivity, wide functionality and maximum precision
- Excellent functional interaction between hardware and software ensure high dynamics, while motors and drive technologies provide the necessary precision

- Precision preloaded ball screws in all axes ensure high accuracy with low wear and maintenance
- The powerful motor ensures constant torque across the entire speed infinitely range
- telescoping steel cover protects the guides from chips and dirt
- Easy maintenance due to standard central lubrication system
- Rotary table with controlled positioning are available as an option

Options

	Part No.
• 5° indexing CNC work table	253423
• 1° indexing CNC work table	253424
• 0,001° indexing CNC work table	253425
• Increase Y axis travel with extra 400 mm	253426

Standard Equipment

Siemens 828D control, electronic hand-wheel, manual rotary table with four positions indexing, RS-232 interface, work lamp, central lubrication, coolant system, operator manual

Specifications

		BO T 110 CNC	BO T 110 L CNC
Working area			
Drilling capacity	mm	50	50
Counterbore diameter (max.)	mm	240	240
Facing slide working diameter (max.)	mm	800	800
Table set up area	mm	1.320x1.010	1.320x1.010
Table load capacity	kg	5.000	5.000
Spindle center-to-table distance	mm	5 - 905	5 - 905
Number of T-slots	Pieces	7	7
T-slots, width	mm	22	22
T-slots, spacing	mm	125	125
Table rotation range		4 x 90°	4 x 90°
Travels			
Travel X-axis	mm	1.200	1.800
Travel Y-axis	mm	900	1.200
Travel Z-axis	mm	1.300	1.300
Travel W-axis	mm	550	550
Facing slide travel	mm	125	125
Headstock			
Speed range	1/min	(2) 12 - 1.100	(2) 12 - 1.100
Spindle diameter	mm	110	110
Spindle Torque (max.)	Nm	1.100	1.100
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 U-axis	mm/min	124	124
Feed			
Feed X-axis	mm/min	20 - 1.000	20 - 1.000
Feed Y-axis	mm/min	20 - 1.000	20 - 1.000
Feed Z-axis	mm/min	20 - 1.000	20 - 1.000
Feed W-axis	mm/min	20 - 1.000	20 - 1.000
Facing slide feed	mm/min	0,2 - 80	0,2 - 80
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	"	12	12
Drive capacity			
Motor rating main drive	kW	15	15
Measures and weights			
Overall dimensions (length x width x height)	m	5,5x3,05x2,9	5,5x3,8x3,3
Weight	kg	13.500	16.000
Part No.		100080	100081