



BO 110 is shown

- rigid, hardened and precision-ground square guides ensure many years of accurate operation
- mechanical functions that cannot be run simultaneously are provided with interlocks
- headstock and feed gears are equipped with an overload clutch
- lever-operated shift gears for positioning of the wheels in the desired position
- faceplate and drill spindle with different task-specific speed ranges according to the various functions

- table rotates 360°
- telescoping steel cover protects the guides from chips and dirt
- BO 110 incl. tailstock (optional on BO 130)

Standard Equipment

3-axis position indicator, wedge strip, central lubrication, work lamp, foundation bolts, operating tools, operator manual



Options	Part No.
• Boring tool holder for facing plate for BO 130	250606
• Milling tool holder for facing plate for BO 130	250607
• Boring head	250609
• Option B axis DRO for BO 130 - 399022	252721

For additional options for this machine, visit our website and search for BO 110 or BO 130 (Product Search)

Swivelling set-up table with motorized feed and hydraulic clamping

Specifications		BO 110	BO 130
Working area			
Drilling capacity	mm	50	60
Table set up area	mm	1.100x960	1.600x1.800
Table load capacity	kg	2.500	10.000
Spindle axis-to-table surface distance	mm	0 - 900	0 - 1.800
Rotation speed of rotary table	1/min	1	1,2
Travels			
Travel X	mm	900	2.000
Travel Y	mm	900	1.800
Travel Z	mm	900	1.500
Travel W	mm	600	900
Facing slide travel	mm	180	250
Headstock			
Speed range	1/min	(22) 8 - 1.000	(24) 4 - 800
Spindle diameter	mm	110	130
Spindle torque (max.)	Nm	1.225	3.136
Spindle mount		SK 50	SK 50
Facing slide speed	1/min	(18) 4 - 200	(18) 2,5 - 125
Feed force, axial (max.)	kN	12,25	31,36
Facing slide torque (max.)	Nm	1.960	4.900
Rapid feed			
Rapid feed X-axis	mm/min	2.500	2.500
Rapid feed Y-axis	mm/min	2.500	2.500
Rapid feed W-axis	mm/min	2.500	2.500
Feed			
Feed X-axis	mm/R	(36) 0,01 - 6	(36) 0,01 - 6
Feed Y-axis	mm/R	(36) 0,01 - 6	(36) 0,01 - 6
Feed Z-axis	mm/R	(36) 0,01 - 6	(36) 0,01 - 6
Feed W-axis	mm/R	(36) 0,01 - 6	(36) 0,01 - 6
Facing slide feed	mm/min	(18) 0,08 - 12	(18) 0,08 - 12
Accuracies			
Read-out accuracy (optic)	mm	0,01	0,005
Counter-bore accuracy	µm	H7 Ra-1,6	H7 Ra-1,6
Drive capacity			
Motor rating main drive	kW	7,5	15
Motor rating, rapid reed	kW	3	-
Motor rating servo drive	kW	-	5,5
Motor rating hydraulic pump	kW	0,37	0,37
Measures and weights			
Overall dimensions (length x width x height)	m	4,88x2,45x2,75	7,03x4,66x3,8
Weight	kg	11.500	29.300
Part No.		301499	399022