



BO 110 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, alignment wedges, central lubrication, work lamp, foundation bolts, operating tools, operator manual



Options	Part No.
• Drilling tool holder for faceplate for BO 130	250606
• Milling cutter holder for faceplate for BO 130	250607
• Boring head	250609
• Optional position indicator at rotary table (angle indicator) for part no. 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	in	1.97	2.36
Table set up area	in	43x38	63x71
Table load capacity	lbs	5,500	22,000
Spindle axis-to-table surface distance	in	0 - 35.43	0 - 70.87
Rotation speed of rotary table	rpm	1	1.2
Travels			
Travel X	in	35.4	78.7
Travel Y	in	35	71
Travel Z	in	35	59
Travel W	in	24	35
Facing slide travel	in	7	10
Headstock			
Speed range	rpm	(22) 8 - 1,000	(24) 4 - 800
Spindle diameter	in	4	5
Spindle torque (max.)	ft.lb.	10,841	27,754
Spindle mount		Taper 50	Taper 50
Facing slide speed	rpm	(18) 4 - 200	(18) 2.5 - 125
Feed force, axial (max.)		12	31
Facing slide torque (max.)	ft.lb.	17,346	43,365
Rapid Feed			
Rapid feed X-axis	in/min	98.43	98.43
Rapid feed Y-axis	in/min	98.43	98.43
Rapid feed W-axis	in/min	98	98
Feed			
Feed X-axis	in/R	(36) 0.00039 - 0.23622	(36) 0.00039 - 0.23622
Feed Y-axis	in/R	(36) 0.00039 - 0.23622	(36) 0.00039 - 0.23622
Feed Z-axis	in/R	(36) 0.00039 - 0.23622	(36) 0.00039 - 0.23622
Feed W-axis	in/R	(36) 0.00039 - 0.23622	(36) 0.00039 - 0.23622
Facing slide feed	in/min	(18) 0.003 - 0.472	(18) 0.003 - 0.472
Accuracies			
Read-out accuracy (optic)	in	0.0004	0.0002
Counter-bore accuracy	µm	H7 Ra-1.6	H7 Ra-1,6
Drive Capacity			
Motor rating main drive	Hp	10.1	20.1
Motor rating, rapid reed	Hp	4	-
Motor rating servo drive	Hp	-	7.4
Motor rating hydraulic pump	Hp	0.5	0.5
Measures and Weights			
Overall dimensions (length x width x height)	in	193x97x109	277x184x150
Weight	lbs	25,300	64,460
Part No.		301499	399022