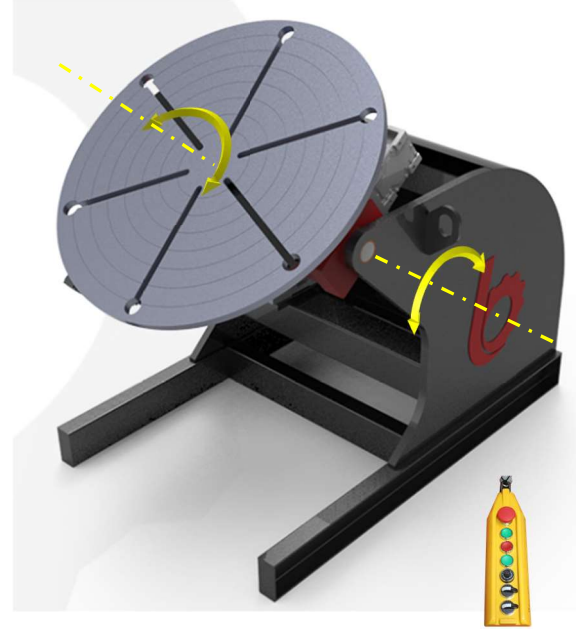
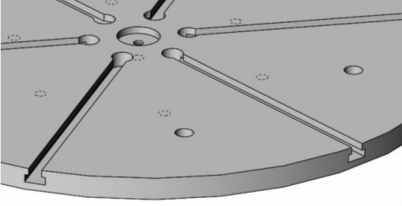


Description



OPTIONAL Modifications & Equipments;

M01: Round WorkTable T – grooved Thick Plate**M02:** Octagonal Table**M03:** Manual Chuck**M04:** 3 Jaw Manual Pipe Gripper

General Features ;

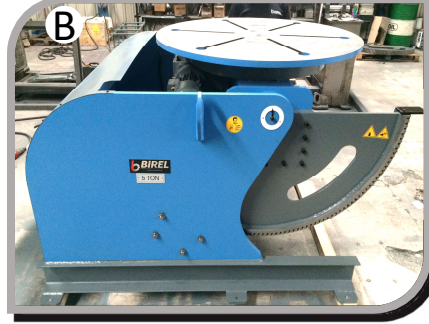
- BCP model Conventional Positioner is designed at best suitable configuration to supply function of worktable rotation & tilting of worktable angularly..
- BCP model Conventional Positioner as structurally has the best protective system. Against heavy parts positioner should be anchored to the facility ground.
- BCP model Conventional positioner, without considering of any geometric shape , all parts within dimensions has capability of positioning & forming suitable welding edge.
- BCP model Conventional Positioner, as structurally are constituted of body, motor ,worktable rotation and tilting systems, electric panel and cable remote operator control.
- The rotation & tilting movements of BCP model Conventional positioner are done by means of gear transmission system.
- Enable quick connection of workpiece by means of Slot Groove or T-Grooved worktable.
- BCP-model Conventional positioner WorkTable is supplied as standard with Slot grooved. Optionally, If Worktable is requested as T-Grooved Thick Plate also can be manufactured as an option.

Technical Advantages ;

- Birel Machinery as standard provides BCP models in capacities of 0,25 • 0,50 • 1 • 2 • 3 • 5 • 8 • 10 ton.
- Motor with brake and forced fan cooling.
- Welding Arc Group
- Allow quick connection of workpieces by using “ T ” slots on worktable (Optional)
- In special conditions, Out of these standard capacities, Birel Machinery, according to customer standards & requirements, has the opportunity of manufacturing possibility at different capacities.
- For any special request or project, Please do not hesitate to contact with us.

❖ All technical specifications are subject to change without prior notice.

Application illustrations



Standard Features

- Round Worktable with Slots.
- Adjustable worktable rotation speed & Dijital display.
- Mechanical gear movement for tilting.
- Mechanical Angle Indicator
- Tilt gear protection bands.
- Limit Switches to terminate movement.
- 5 mt. Command Cable with Hand Control Unit.
- 5 mt. Power Cable
- Brake & Fan Cooled Motor
- Welding Arc Group
- Standard Machine Colors:
 - Chassis RAL 7011(Grey)
 - Sheet Covers:RAL 3002(Red)
- Power Supply : 380V -50 Hz. (3 phase)
- One (1) Year Warranty

Optional Control Units

Master Control



Foot Pedal



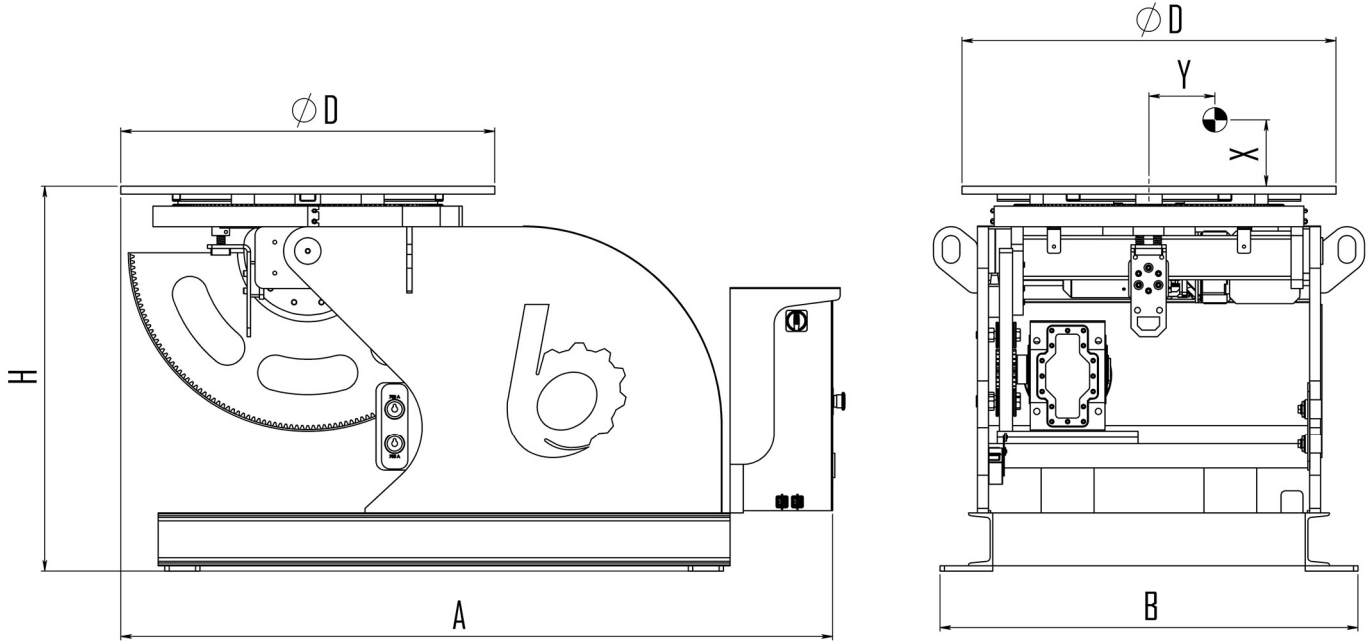
Overhead Hangable



Remote Control



❖ All technical specifications are subject to change without prior notice.

Technical Properties

Technical Details :

BCP model	Sym	Unit	BCP-025	BCP-050	BCP-1	BCP-2	BCP-3	BCP-5	BCP-8	BCP-10
Capacity		Kg	250	500	1000	2000	3000	5000	8000	10 000
Rotation Speed		rpm	0,15-1,5	0,15-1,5	0,15-1,4	0,15-1	0,10-0,70	0,15-0,78	0,13-0,66	0,1-0,5
Max.Rotational Torque		Nm	500	750	1570	3050	4500	7500	12050	15050
Tilting Angle		deg	110	100	115	115	115	115	110	110
Tilting Torque		Nm	650	1360	2720	5130	8500	15500	25520	31580
Offset Distance	X-Y	mm	150-150	150-150	150-150	150-150	150-150	150-150	150-150	150-150
Max.Welding Current	A	Amp	400	400	700	700	700	1000	1000	1000
Table Plate Diameter	ØD	mm	600	700	850	900	1000	1250	1500	1650
Height	H	mm	725	765	880	1000	1100	1220	1420	1480
Length	A	mm	1350	1350	1580	1730	1900	2160	2500	2500
Width	B	mm	790	865	950	1150	1280	1640	1680	1700
Motor Power of Table		kW	0,37	0,37	0,37	0,55	0,55	1,1	1,5	1,5
Motor Power of Tilting		kW	0,37	0,37	0,55	0,75	1,1	2,2	3	4
Weight		kg	370	440	730	1080	1180	1980	2950	3450

↪ Out of these standard capacities, Birel Machinery, according to customer requirements, has the manufacturing possibility at different capacities, sizes.

❖ All technical specifications are subject to change without prior notice.