

ABOUT PRODUCT

General Features ;

- BSP-H-3AX model 3 axis Head Tail Stock Positioner, Regardless of any geometric shape within dimensions of the machine, In favour of being able to position and generating remarkable welding edges to all workpieces are qualified & ideal solutions. Ensures utmost capability of welding & likewise assembling at 360° degree of any required position .
- Designed in best suitable configuration to perform safe positioning of the workpieces having asymmetry & higher probability of overturn.
- Avoids of crane operations that are part handling, rotating of parts, etc. during production, Provides the opportunity of using operator's working power to use more effectively by minimizing time loss and it increases the efficiency of work.
- BSP-H-3AX model positioner with robust construction & easy controlling ability, Provides the opportunity of comfortable working to operator & improves the quality of welding.
- The operators with BSP-H-3AX type positioner, At center axis of worktable Workpiece can be precisely rotated over the command control at Clockwise (CW) or Counterclockwise(CCW) at specified speeds.

Technical Advantages ;

- Birel Machinery as standard provides BSP-H-3AX models in capacities of 7,5 - 10 ton.
- In special conditions, Out of these standard capacities, Birel Machinery, according to customer standards & requirements, has the opportunity of manufacturing possibility at different capacities.
- Lifting is hydraulically performed.
- Motor with brake and forced fan cooling.
- Allow quick connection of workpieces by using " T " slots on worktable (Optional)
- For any special request or project, Please do not hesitate to contact with us.

Standard Features

- Capability of 360 degree worktable rotation.
- BSP-H-3AX Vertical Movements by Hydraulic Lifting .
- Adjustable worktable rotation speed
- Rotational Speed Dijital display on Electrical Cabinet
- 5 mt. Command Cable
- 5 mt.Power Cable
- Brake & Fan Cooled Motor (Asynchronous)
- Welding Arc Group
- Standard Machine Colors:
 - Chassis RAL 7011(Grey)
 - Sheet Covers:RAL 3020(Red)
- Power Supply: 380V - (3 phase+Neutral +Earthing)
- One (1) Year Warranty (wearing parts out of warranty)

Optional Control Units

DFPSE

Double Foot Pedal+Stick+
Emergency Stop (3 m)



OHC

Overhead Hangable Control



WRC

Wireless Remote Control



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

BSP-H 3AX

Chapter-A :Positioner Range | A03: Head-Tail Stock
Bridge Type Head-Tail Stock HYDRAULIC LIFT Positioner Model (3AX)



ILLUSTRATIONS

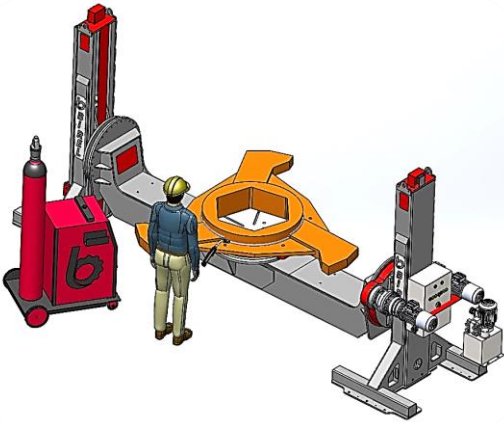
BRIDGE Type
HYDRAULIC LIFTING

3 Axis



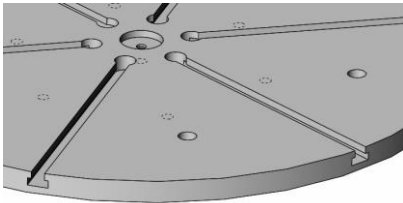
Up and Down Movements by Hydraulic

PLC-HMI Display Controlled with HandBox



OPTIONAL Modifications & Equipments

T-SE :Round Worktable T-Side Entry Grooved
Thick Table Plate



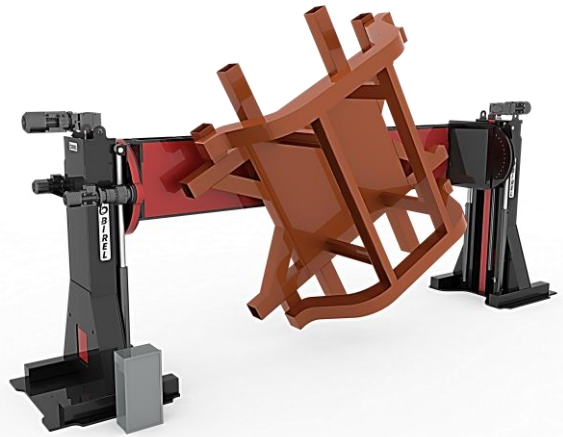
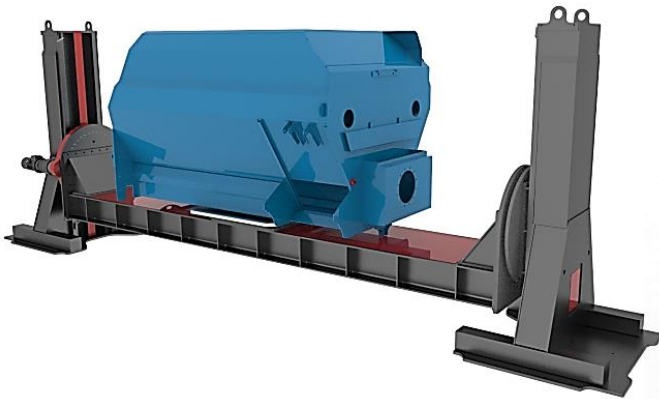
OC-T:Octagonal Table



MC:Manual Chuck



BGR-3 Jaw Manual Pipe Chuck

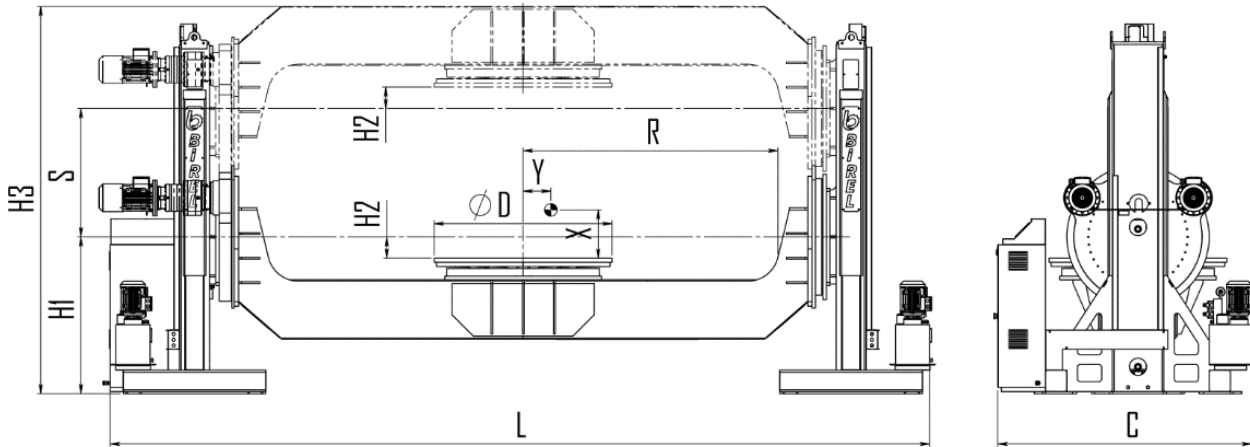


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TECHNICAL PROPERTIES



Technical Details :

Model : BSP-H	Symb	Unit	BSP-7,5H	BSP-10H
Capacity		kg	7 500	10 000
Rotation Speed		rpm	0,1- 0,66	0,1 - 0,50
Tilting Speed		rpm	0,5	0,5
Up & Down Time		sec	80	90
Rotational Torque		Nm	12050	15050
Tilt Torque		Nm	25100	33400
Offset	X - Y	mm	500 -150	500 - 150
Table Plate Diameter	ØD	mm	1250	1350
Working Radius	R	mm	3400 x 2	3400 x2
Tilt Center Height	H1	mm	1100	1100
Table-Rotating Center Difference	H2	mm	250	250
Lifting Stroke	S	mm	1000	1000
Height	H3	mm	2750	2800
Total Length	L	mm	9250	9290
Total Width	C	kW	1850	2000
Motor Power of Table		kW	1,5 x 1	1,5 x 1
Motor Power of Tilting		kW	1,5 x 2	2,2 x 2
Motor Power of Lifting (Hydraulic Lift)		kg	1,5 x 2	2,2 x 2

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

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