

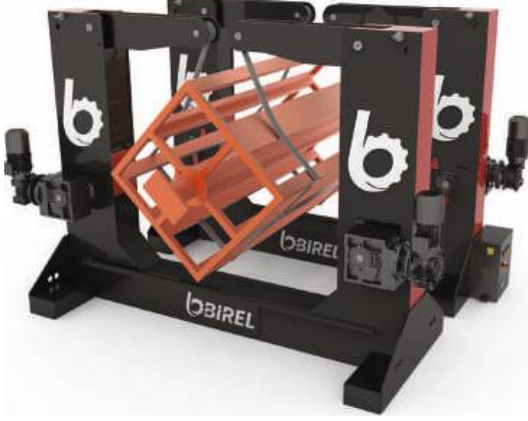
General Features ;

- Purpose of Chain Rotators is rotating and positioning work pieces with planar section
- The total handling and rotation tonnage of both unit is the capacity of the model.
- Both unit can be controlled seperately.
- Over an endless chain, Providing rotation movement to workpiece, together with suitable positioning ,required welding edge and assembly plane could be generated.
- It is possible to adjust the height of the piece placed on the machine. this provides more convenience to the operator during welding.
- Operators can easily rotate the workpiece placed on the chain clockwise (CW) or counterclockwise(CCW), accurately aligned. They can also be moved up-down to provide the intended height.
- Chain Rotators set includes of 2 pcs. driven units. Number of units can be augmented according to the application and weight terms.
- Both of the units which constitute the chain rotator set are driven and these two unit can be operated in synchronization or seperately. Thus, angular height setting of the work piece is enabled.
- Birel Makine manufactures 5 and 10 ton chain rotators in its standard, However, between these tonnages special custom production can be manufactured.

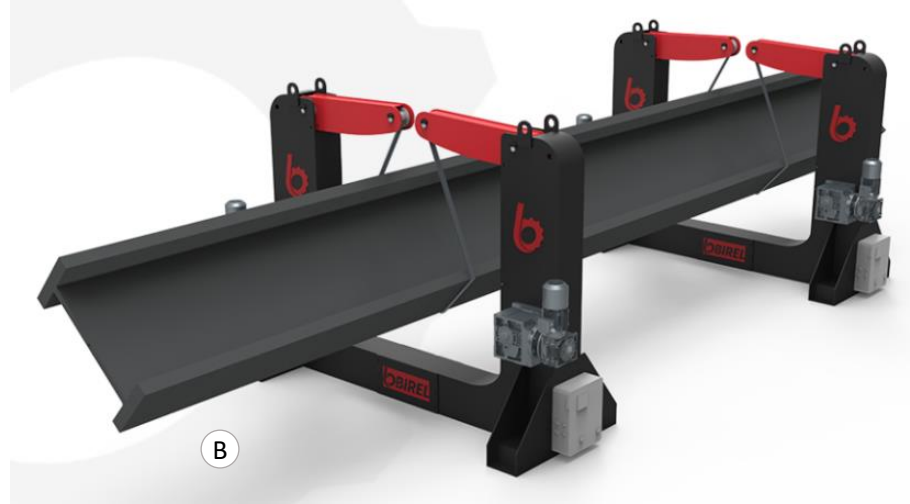
Technical Advantages ;

- Birel Machinery as standard provides BZC model, in capacity of 5 - 10 ton.
- Automatic closing of chain levers upon loading workpiece.
- Birel Chain Rotators allow easy loading by opening the chain arms.
- Both unit could function simultaneously by using Master Panel(Optional).
- Positioning of Up and Down Movement
- Robustchain gear structure
- Motor with brake and forced fan cooling.
- Birel Machinery, out of these standard capacities, according to customer standards & requirements ,can present quotation against the machine revision process or fulfill customer request against new designs.
- For any special request or project, Please do not hesitate to contact with us.

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



A



B

Standard Equipments

- Adjustable worktable rotation speed
- Rotational Speed Dijital display on Electrical Cabinet
- 5 mt.Handbox Command Cable
- 5 mt.Power Cable
- Brake & Fan Cooled Motor (Asynchronous)
- 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



MP

Master Panel



WRC

Wireless Remote Controller



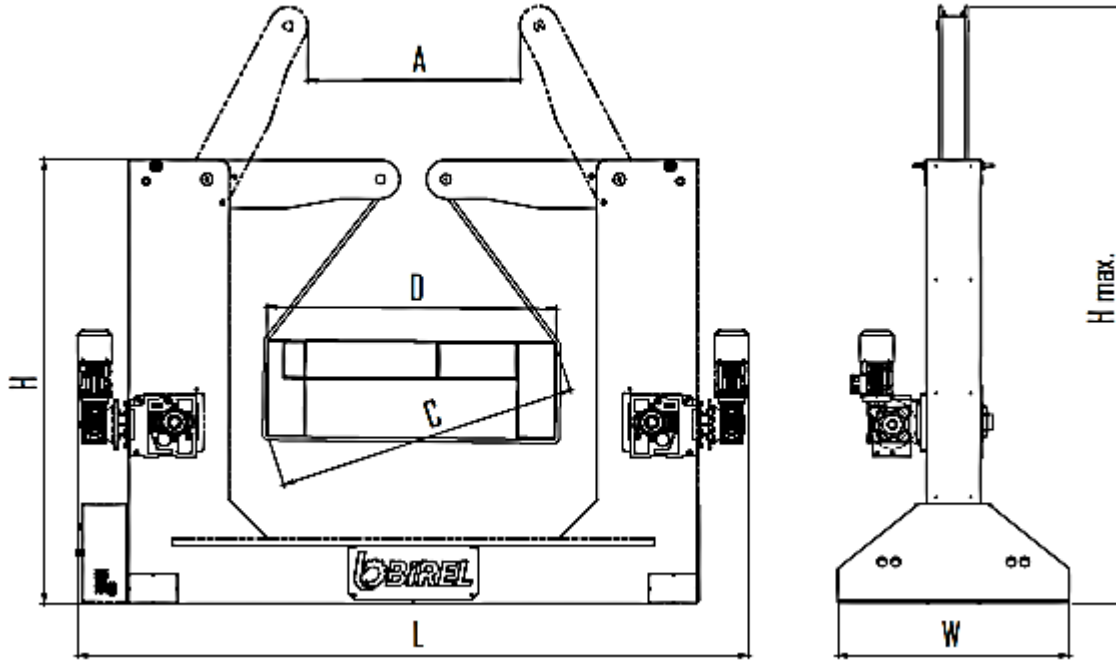
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ILLUSTRATIONS



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TECHNICAL PROPERTIES



Technical Details :

Model : BZC	Symb	Unit	BZC-5	BZC-10
Capacity		ton	5	10
Max. Load (Drive Unit)		t/unit	2,5	5
Max. Load (idler unit)		t/unit	2,5	5
Rotation Speed		rpm	2	2
Workpiece Width	D	mm	500	1100
Max. Rotating Diagonal	C	mm	600	1500
Distance between Rolls	A	mm	600	1150
Base Overall Length	L	mm	1910	3500
Base Overall Width	W	mm	800	1200
Height (Legs Down)	H	mm	1300	2300
Height (Legs Upper)	Hmax	mm	1700	3100
Width (Drive Unit)	W1	mm	800	1200
Width (idler Unit)	W2	mm	800	1200
Motor Power		kW	1,1 x 4	1,5 x 4
Weight		kg	1220	3950

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

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