

### General Features ;

- BTC model Long Pipe Rotators, are designed to disapper the effect of deformation of pipes that may come out due to the effect of middle section weight having thin wall section.
- BTC model Long Pipe Rotators are used for rotating to perform circular welding of cylindrical parts, Such as Tanks, Pressure vessels, Tower Tubes, Boilers,Depots, Reactors, Depots, Fuel Barrels, WindPower, Petrochemical, PipeLines, Shipbuilding sector,etc.
- BTC model Pipe Rotator with Leg requires pre-adjusment of diameters to contact with the workpiece.Adjustment is manually made.
- Robust steel welded construction
- Operators with BTC model Long Pipe Rotator by means of precise command control can easily rotate workpieces clockwise(CW) or counterclockwise(CCW) at accurate controlled speeds.
- The rotators have an important place in steel construction workshops because they reduce the use of a crane, as well as increase the speed and the efficiency of automatic or manual welding processes.

### Technical Advantages ;

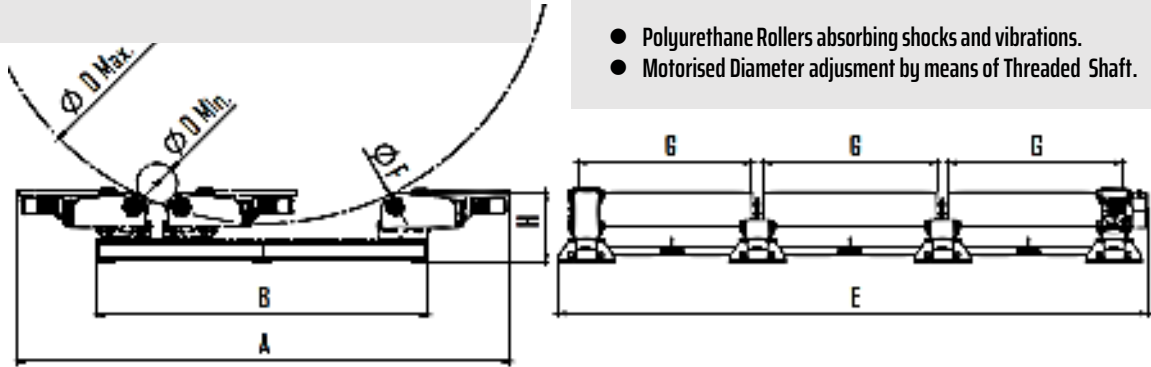
- Birel Machinery as standard provides BTC 5 - 10 ton model capacities.
- In special conditions, Out of these standard capacities, Birel Machinery, according to customer standards & requirements, has the opportunity of manufacturing possibility at different capacities.
- In special conditions up to 30 ton, we can manufacture.

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

## TECHNICAL PROPERTIES

### Standard Equipments

- Adjustable rotation speed & digital display on electrical cabinet
- Manual adjustment of diameter
- 5 mt. 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)



### Technical Details :

Model : BTC	Symb.	Unit	BTC-5	BTC-10
Capacity		ton	5	10
Max. Load (Drive Unit)		t/unit	2.5	5
Max. Load (idler unit)		t/unit	2.5	5
2 Roller drive			standard	standard
Rotation Speed		mm/min	200 - 1620	200 - 1550
Diameter Range (ØDmax-ØDmin)		mm	350-5000	350-5000
Wheel Diameter	Ø F	mm	300	300
Wheel Width	G	mm	1500 x 3	1500 x 3
Wheel Material			Steel	Steel
Length ( Drive Unit )	A	mm	4260	4340
Length ( Idler Unit )	B	mm	2860	2860
Width ( Drive Unit )	E	mm	5100	5100
Height	H	mm	600	600
Motor Power		kW	0,25 x 2	0,25 x2

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

### Optional Control Units

DFPSE

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



OHC

Overhead Hangable Control



MP

Master Panel



WRC

Wireless Remote Controller



- Polyurethane Rollers absorbing shocks and vibrations.
- Motorised Diameter adjustment by means of Threaded Shaft.

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