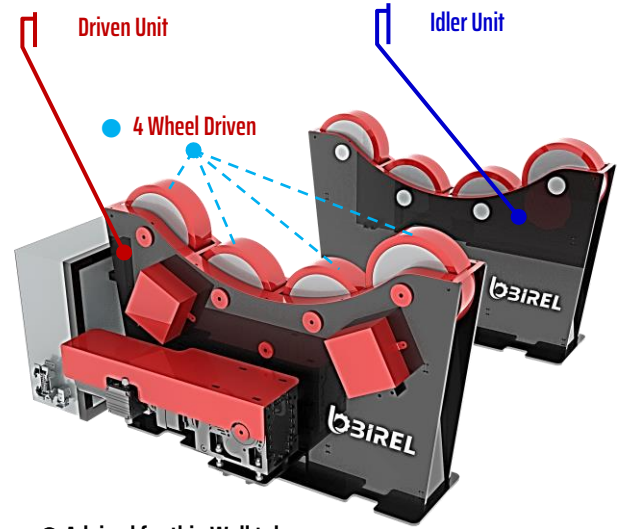




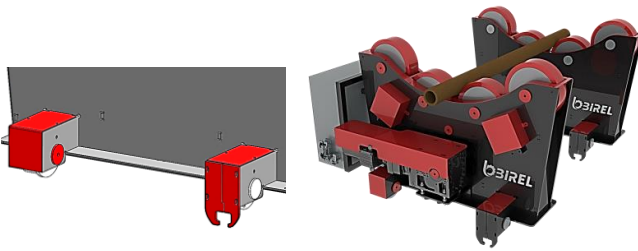
«1» SET includes	«1» pc. Driven Unit
	«1» pc. Idler Unit



● Advised for thin Wall tubes

### OPTIONAL Modifications & Equipments;

MB-BPR: Manual Buggy Adaptation



MB-BPR+T.: Manual Buggy System with Table



T-BPR: Rail Table



### General Features ;

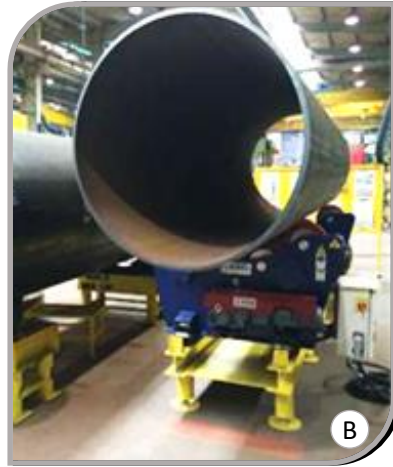
- BPR-4-Roller Driven Pipe Rotator Model provides economical and practical circular welding solution to cylindrical parts having variable diameter.
- BPR-4-Roller Driven Pipe Rotator Model are used for rotating to perform circular welding of cylindrical parts, Such as Tanks, Pressure vessels, Tower Tubes, Boilers, Depots, Reactors, Depots, Fuel Barrels, WindPower, Petrochemical, PipeLines, Shipbuilding sector, etc.
- BPR-4-Roller Driven Pipe Rotator Model requires no adjustment of diameters to contact with the workpiece. Adjustment is automatic touching due to design advantage.
- Robust steel welded construction
- The cylindrical part remains central irrespective of diameter and frequent adjustment of the welding head becomes unnecessary
- BPR-4-Roller Driven Pipe Rotator Model 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 BPR-4 Roller Driven Pipe Rotator model in capacities. of BPR-3 - 6 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.
- One(1)set of BPR -4-Roller Driven Pipe Rotator model consists of two units, one(1) driven unit and one for idler units. According to specific applications, the number of driven and idler units can be increased.
- Optionally, Application of movement over rails with manual Buggy system by means of rollers to both units.
- Optionally Rail Table can be used on customer request.

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

## ILLUSTRATIONS



### Standard Equipments

- Diameter range fixed rollers on the chassis.
- Adjustable Workpiece rotation speed and Digital display
- Polyurethan Rollers absorbing shocks and vibrations
- 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)

### Optional Control Units

DFPSE

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



SFP

Single Foot Pedal



MP

Master Panel



OHC

Overhead Hangable Control



WRC

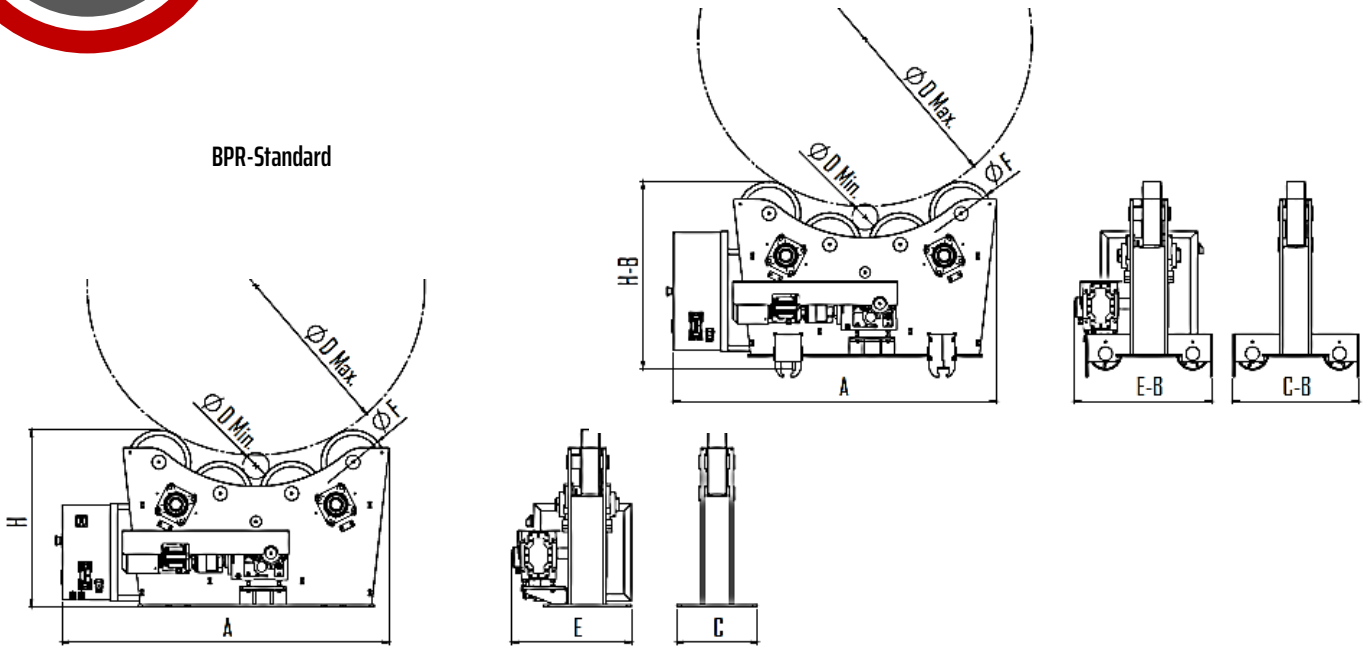
Wireless Remote Controller



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

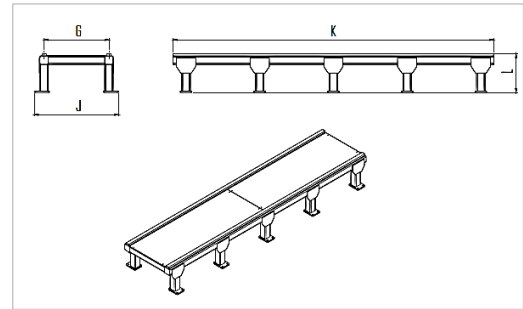
**TECHNICAL PROPERTIES**

BPR-Standard



**Technical Details :**

Model : BPR	Symb.	Unit	BPR-3	BPR-6
<b>Capacity</b>		<b>ton</b>	<b>3</b>	<b>6</b>
Max. Load (Drive Unit)		t/unit	1.5	3
Max. Load (idler unit)		t/unit	1.5	3
No.of Wheel Driven		WD	Standart	Standart
Rotation Speed		mm/min	200-1800	200-1550
Ø Range min-max 100% load	Ødmin	mm	60	90
	ØDmax	mm	1420	1420
Wheel Diameter	ØF	mm	200	270
Wheel Material			PU	PU
Length (Drive-idler Unit)	A	mm	1090	1375
Width (Drive Unit)	E	mm	410	500
Width - Buggy ( Drive Unit )	E - B	mm	490	590
Width ( idler Unit)	C	mm	220	340
Width - Buggy ( Idler Unit)	C - B	mm	485	540
Height (Drive-idler Unit)	H	mm	510	750
Height-Buggy (Drive-Idler Unit)	H - B	mm	545	800
Buggy Rail Axis	G	mm	620	660
External Down Chassis Width	J	mm	790	920
External Down Chassis Length	K	mm	3000	4500
External Down Chassis Height	L	mm	360	460
Weight (Drive-Idler Unit)		kg	250	580
Weight-Buggy (Drive-Idler Unit)		kg	310	650
Weight-(External Down Chassis)		kg	230	480
Motor Power		kW	0,25	0,37



**OPTIONAL**  
**T-BPR : Table with Manual Buggy System**

↳ Out of these std. 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.