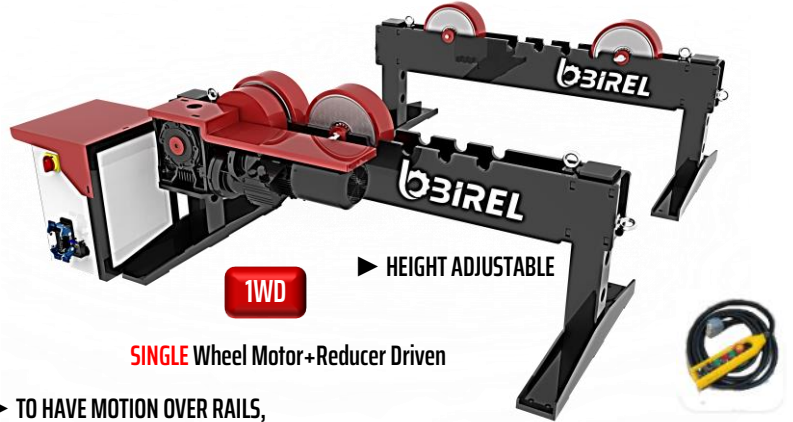


- ❖ Adjustment of Diameter as Standard by Manual Slots Adjustment
- ❖ Economical
- ❖ Easily Operated

«1» SET	«1 pc.» DRIVEN Unit
includes	«1 pc.» IDLER Unit

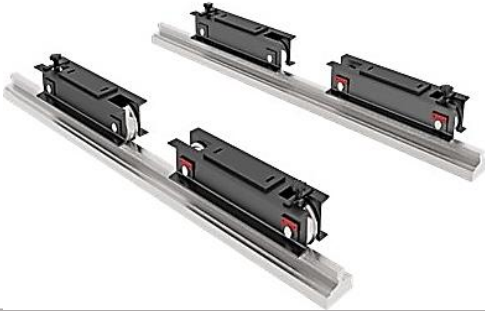


SINGLE Wheel Motor+Reducer Driven

- ▶ TO HAVE MOTION OVER RAILS, BUGGY ADAPTABLE VERSION

OPTIONAL Modifications & Equipments;

MB-BPRA: Manual Buggy System over Rails;



General Features ;

- BPRA model Pipe Rotator with Leg provides economical and practical circular welding solution to cylindrical parts having variable diameter.
- BPRA model Pipe Rotator with Leg 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.
- BPRA model Pipe Rotator with Leg requires pre-adjustment of diameters to contact with the workpiece. Adjustment is manually made by placing idler rollers on the slot present on the casing and then fastened.
- Robust steel welded construction
- The cylindrical part remains central irrespective of diameter and frequent adjustment of the welding head becomes unnecessary
- Operators with BPRA model Pipe Rotator with Leg 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 BPRA-3-5-8-10 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.
- One(1)set of BPRA model Pipe Rotator with Leg 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.
- For operation performans, Availability of three(3) level manual adjustable height is available as standard.

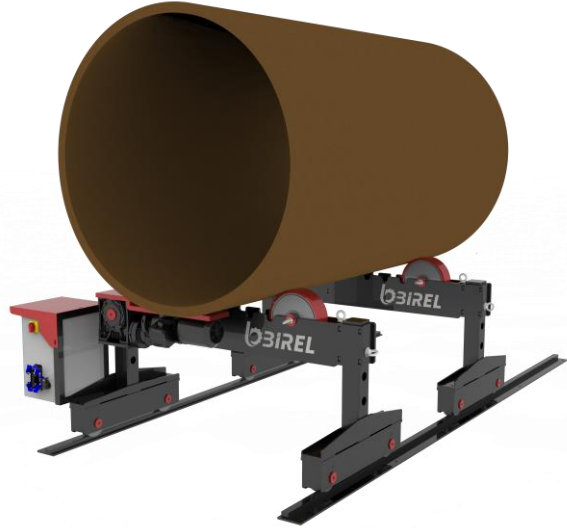
❖ All technical specifications are subject to change without prior notice.

ILLUSTRATIONS

A



B



C



D

Standard Equipments

- Manual diameter range fixing slots on the frame.
- Adjustable Workpiece rotation speed & Digital display on Electr.Cabinet
- Polyurethane 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)



OHC

Overhead Hangable Control



MP

Master Panel



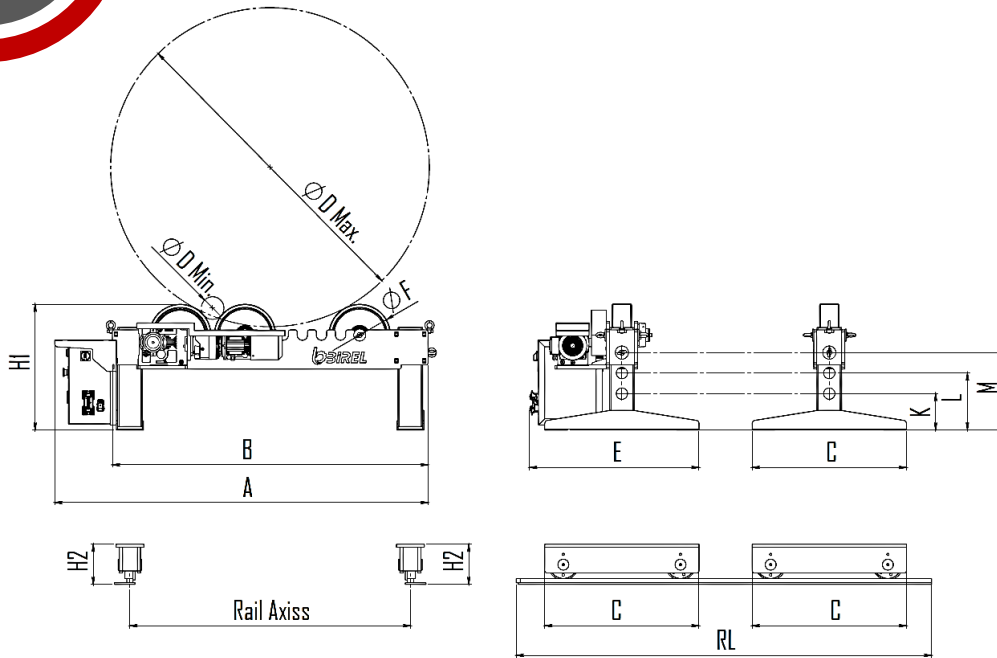
WRC

Wireless Remote Controller



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

TECHNICAL PROPERTIES



Technical Details :

Model : BPRA	Symb.	Unit	BPRA-3	BPRA-5	BPRA-8	BPRA-10
Capacity		ton	3	5	8	10
Max. Load (Drive Unit)		t/unit	1.5	2.5	4	5
Max. Load (idler unit)		t/unit	1.5	2.5	4	5
No. of Wheel driven		WD	1WD	1WD	1WD	1WD
Rotation Speed		mm/min	150-1300	150-1360	150-1210	150 - 1430
Diameter Range	ØDmin-ØDmax)	mm	110 - 1200	110 - 1200	110 - 1420	110 - 1550
Wheel Diameter	ØF	mm	230	240	290	300
Wheel Material		mm	PU	PU	PU	PU
Length (Drive-idler Unit)	A	Mm	1625	1625	1710	1815
Length (Idler Unit)	B	mm	1340	1340	1430	1535
Width (Drive Unit)	E	mm	710	720	750	780
Width (idler Unit)	C	mm	650	650	700	750
Width (Buggy Unit)	C	mm	650	650	700	750
Height (Drive-idler Unit)	H1	mm	570	575	590	610
Height (Buggy Unit)	H2	mm	160	170	185	195
Rail Axis		Mm	1220	1220	1280	1365
Rail Length (optional)	RL	mm	3000	3000	3000	3000
Level - 1	M	mm	358	358	355	377
Level - 2	L	mm	258	258	255	277
Level - 3	K	mm	158	158	155	177
Motor Power		kW	0,25	0,25	0,37	0,37
Weight		kg	290	300	400	450
Weight (including Buggy)		Kg.	380	400	560	630

↳ 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.