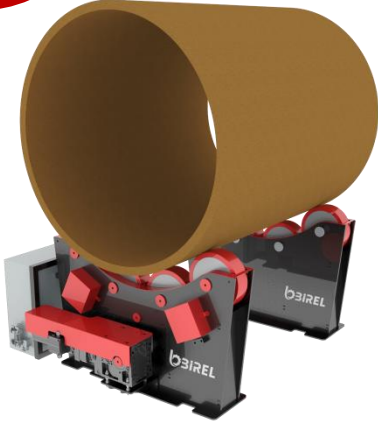
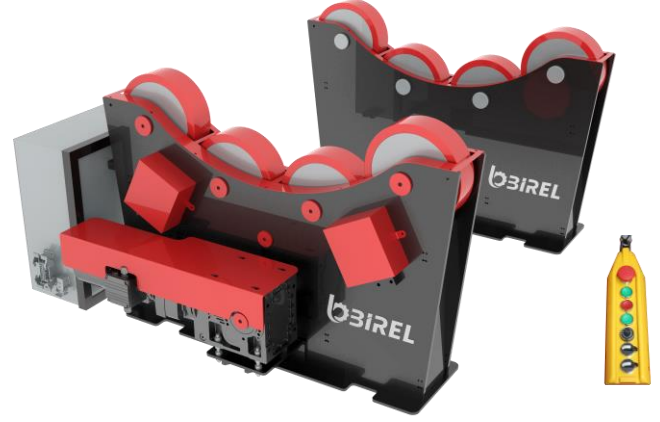


Description

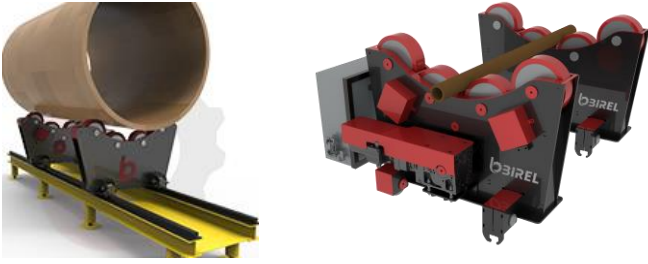


* 4 Roller Driven



OPTIONAL Modifications & Equipments;

M01: Manual Buggy System



M02: 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.
- 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.

Application 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
- Standard Machine Colors:
 - Chassis RAL 7011(Grey)
 - Sheet Covers:RAL 3002(Red)
- Power supply :380V -50 Hz. (3 phase)
- One (1) Year Warranty (wearing parts out of warranty)

Optional Control Units

Master Control



Foot Pedal



Overhead Hangable



Remote Control

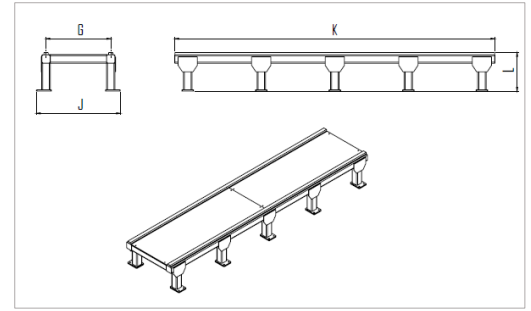
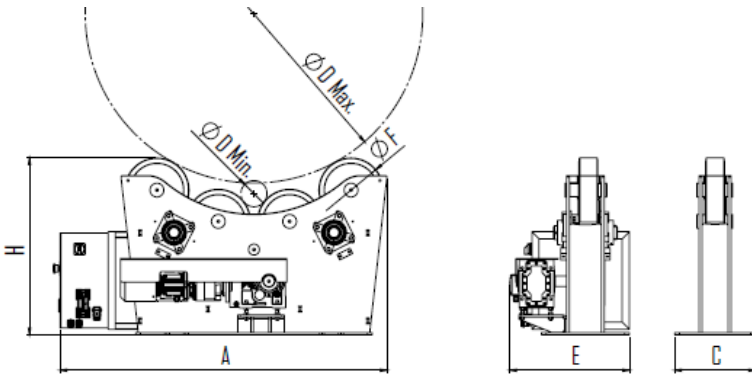


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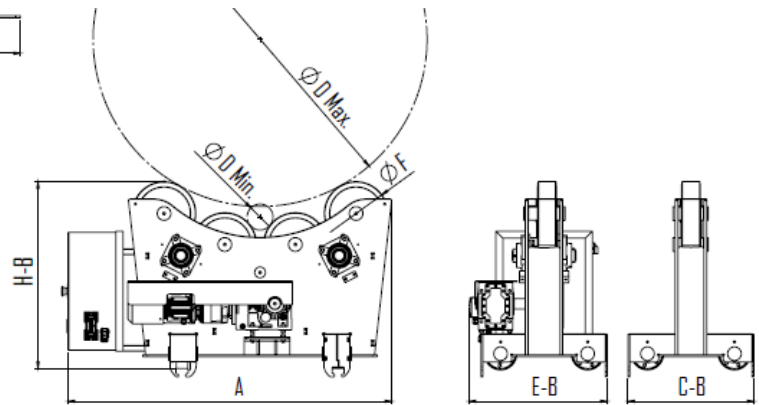
Technical Properties

OPTIONAL

BPR-Standard



BPR-M01 with Manual Buggy System



Technical Details :

Model : BPR	Sym	Unit	BPR-3	BPR-6
Rolling Capacity		ton	3	6
Max. Load (Drive Unit)		t/unit	1.5	3
Max. Load (idler unit)		t/unit	1.5	3
4-wheel drive			standard	Standard
Rotation Speed		mm/min	200-1800	200-1550
Diameter Range min-max 100% load	ØDmin- ØDmax	mm	60 -1420	90 -1420
Roller Diameter	ØF	mm	200	270
Roller 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

↳ 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.