

WELDING ROTATORS

DATA SHEET DIGITAL ROTATORS

RT30LCD-230

RT200D LCD-230

RT300D LCD-230

DESCRIPTION

These tabletop or floor-mounted rotators are ideal for welding applications where consistent and repeatable speed control is required. The stepper motor control ensures repeatable speed and precise start/stop positioning. External inputs and outputs allow the rotator to be integrated into simple automated systems.

APPLICATIONS

Pipe Fabrication

Cobot Systems

Automatic Welding Cell

TECHNICAL DATA

Criteria	RT30-LCD-230	RT200D LCD-230	RT300D LCD-230
Unit Weight Kg	39kg	65kg	73kg
Maximum Part Weight (vertical)	30Kg	200Kg	300kg
Maximum Part Weight (Horizontal 100mm from Face)	15Kg	100Kg	150kg
Rotation Speed	0.01-5.0 m/min		
Face Plate Diameter	380mm	400mm	400mm
Centre Through Hole	100mm	100mm	100mm
Face Plate Rotation Angle	0-90°		
Ground Connection	Twist Lock Male		
Input Voltage	230V +/- 5% 50Hz		
Fuse Rating	5A		
Welding Machine Connection	1A Voltage free contact, 42V max (not required to operate rotator)		
Torch Actuator	Single acting spring return pneumatic valve for use with 2 way cylinder (not required to operate rotator).		
Dimensions H x W x D mm	480x380x370mm	580x480x470mm	625x580x700mm
Operating Modes	Girth Welding, Spot Welding, Spot Weld followed by Girth Welding and Segment Weld		
Rotation Start Delay	Yes	Yes	Yes
Weld Over Run	Yes	Yes	Yes

OPTIONAL ACCESSORIES

- RT-CHK80 – 80 mm maximum, 3-jaw chuck with key
- RT-CHK200 – 200 mm maximum external diameter, 3-jaw quick chuck
- RT-CHK300 – 300 mm maximum external diameter, 3-jaw quick chuck

