

ROTATION TABLES

FRT 1000/H - 10000/H

/ Max. load capacity from 1-10 t (2204.6-22046.2 lb)



/ Horizontal rotation tables are universal applicable for mechanized welding applications as well as for precise positioning of work pieces.

STANDARD EQUIPMENT

- / Stepless adjusting of rotation speed
- / AC-motor drive
- / Table rotation by AC-motor through worm reduction gears and spur gears
- / Table supported on large-diameter crossroll bearing
- / Faceplate with concentric circular markings
- / Control unit with main switch and emergency-stop

FUNCTIONS

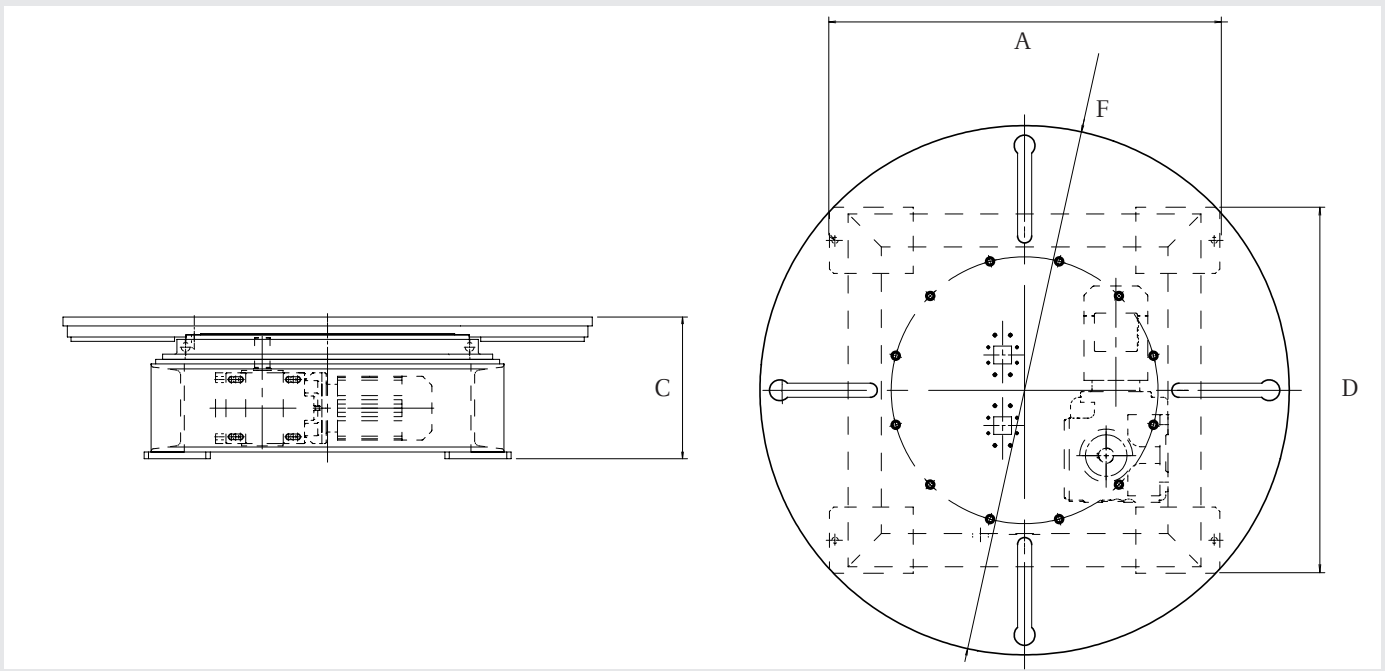
- / Left/stop/right
- / Rotation speed

ACCESSORIES

- / I-kit limit switch 360° and actuating cam for rotation unit
- / I-kit 4-step mode
- / I-kit current transfer +300A (FRT 1000H/2000H)
- / Control unit FCU-20.O/FCU-50.O
- / Foot switch FRC-1 (start/stop) with cable 3 m (118 in)
- / Foot switch FRC-2 (start/stop/speed) with cable 3 m (118 in)
- / Foot switch FRC-3 (start/stop/direction) with cable 3 m (118 in)
- / Chucks FGC, FSG, FMC
- / Mountingsets for chucks

TECHNICAL DATA

| | FRT 1000/H | FRT 2000/H | FRT 5000/H | FRT 10000/H |
|--------------------------------|-----------------------|------------------------|------------------------|------------------------|
| Max. load capacity | 1000 kg (2204.6 lb) | 2000 kg (4409.2 lb) | 5000 kg (11023.1 lb) | 10000 kg (22046.2 lb) |
| Drive | AC motor | AC motor | AC motor | AC motor |
| Rotation speed | 0,08-2,0 rpm | 0,06-1,5 rpm | 0,06-1,5 rpm | 0,04-1,0 rpm |
| Max. rotation torque | 1030 Nm (759.7 ft lb) | 1668 Nm (1230.3 ft lb) | 2207 Nm (1627.8 ft lb) | 7554 Nm (5571.5 ft lb) |
| T-slots for bolts | M16 | M16 | M16 | M16 |
| Dimensions | | | | |
| A | 670 mm (26.4 in) | 785 mm (30.9 in) | 830 mm (32.7 in) | 1025 mm (40.4 in) |
| B (rated eccentricity) | 150 mm (5.9 in) | 150 mm (5.9 in) | 150 mm (5.9 in) | 150 mm (5.9 in) |
| C | 300 mm (11.8 in) | 315 mm (12.4 in) | 365 mm (14.4 in) | 430 mm (16.9 in) |
| D | 725 mm (28.5 in) | 830 mm (32.7 in) | 885 mm (34.8 in) | 1035 mm (40.7 in) |
| E (diameter crossroll bearing) | 414 mm (16.3 in) | 414 mm (16.3 in) | 544 mm (21.4 in) | 644 mm (25.4 in) |
| F | 1000 mm (39.4 in) | 1100 mm (43.3 in) | 1200 mm (47.2 in) | 1300 mm (51.2 in) |
| Remote control with cable | 3 m (118 in) | 3 m (118 in) | 3 m (118 in) | 3 m (118 in) |
| Mains cable with plug | included | included | included | included |
| Mains voltage, 50 Hz | 230 V | 230 V | 230 V | 230 V |
| Max. welding current transfer | 300 A | 300 A | 600 A | 600 A |
| Net weight | 300 kg (661.4 lb) | 490 kg (1080.3 lb) | 740 kg (1631.4 lb) | 880 kg (1940.1 lb) |



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