

# Rotation tables FRT 1000/H - 10000/H

## Horizontal turntables for up to 10000 kg with remote control unit

**Standard equipment**
Stepless adjusting of rotation speed
AC-motor drive
Table rotation by AC motor controlled by inverter unit, through worm reduction gears and spur gears
Table supported on large-diameter crossroll bearing
Faceplate with concentric circular markings and machined with slots
Control unit with main switch and emergency-stop

Remote control unit with cable (3 m)
Functions:

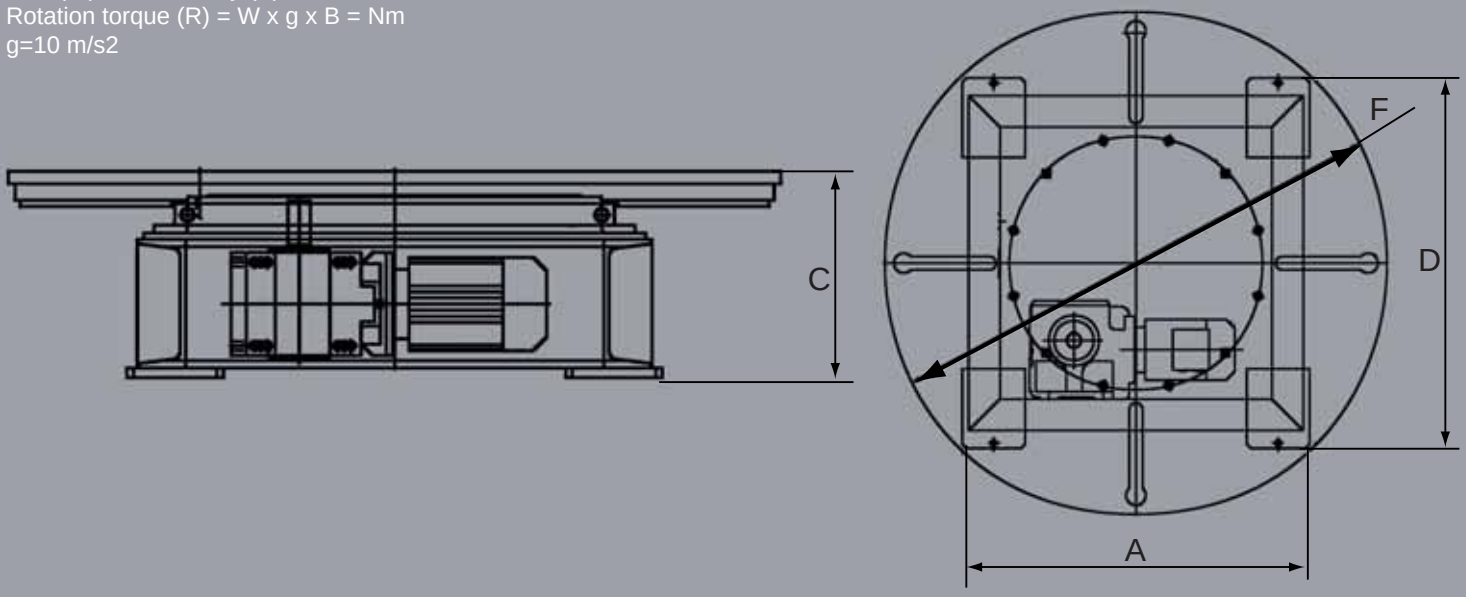
- Rotation left-stop-right
- Potentiometer for rotation speed

**Recommended areas of use**
Universal use for all welding processes and positioning of workpieces

**Options and accessories**
I-kit limit switch 360° and actuating cam for rotation unit
I-kit encoder
Control unit FCU-20.O
Control unit FCU-50.O
Foot switch FRC-1 (start-stop) with cable 3m
Foot switch FRC-2 (start-stop-speed) with cable 3m
Foot switch FRC-3 (start-stop-direction) with cable 3m
Foot switch FRC-5 (start-stop-direction-speed)
Chucks FGC, FSG, FMC
Mounting sets for chucks

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Rotation torque (R) is a calculation of load (W) x eccentricity (B).
Rotation torque (R) = W x g x B = Nm
g=10 m/s2




| Technical data | FRT 1000/H | FRT 2000/H | FRT 5000/H | FRT 10000/H |
|---|---|---|---|---|
| Max. load capacity | 1000 kg | 2000 kg | 5000 kg | 10000 kg |
| 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 (R) | 1500 Nm | 3000 Nm | 7500 Nm | 15000 Nm |
| T-slots for bolts | M 16 | M 16 | M 16 | M 16 |
| Dimensions | | | | |
| • A | 670 mm | 785 mm | 830 mm | 1025 mm |
| • B (rated eccentricity) | 150 mm | 150 mm | 150 mm | 150 mm |
| • C | 300 mm | 310 mm | 320 mm | 330 mm |
| • D | 725 mm | 830 mm | 885 mm | 1035 mm |
| • E (diameter crossroll bearing) | 414 mm | 414 mm | 544 mm | 644 mm |
| • F | 1000 mm | 1100 mm | 1200 mm | 1300 mm |
| Remote control with cable | 3 m | 3 m | 3 m | 3 m |
| Mains cable with plug | included | iincluded | included | included |
| Mains voltage/frequency | 230 V/50 Hz | 230 V/50 Hz | 230 V/50 Hz | 230 V/50Hz |
| Max. welding-current transfer | 400 A | 400 A | 400 A | 400 A |
| Net weight | 300 kg | 350 kg | 400 kg | 480 kg |

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