

Modular Positioner Systems

Welding Positioner PRO 3 PN

With 60 mm hollow shaft

Features

- Tilting and clamping from 0° to 90°.
- Start/stop via location-independent foot switch.
- Rotating direction adjustable: cw/ccw.
- Rotating time adjustable.
- 60 mm hollow shaft.
- Table diameter: 340 mm. The surface is chrome-plated as a protection against weld spatters.
- Table speed adjustable from 0,6 – 6 rpm.
- Welding machine can be actuated via turntable control.
- Mass contact transmits 300A/100%.
- Turntable and control unit are separated.
- HF-protected.
- Welding positioner PRO 3 PN suitable for 3D welding tables.



Model	PRO 3 PN	PRO 3 SN
Supply voltage	AC 230 V/50 Hz	
Rotary motor	90V DC65W	AC400W Servo motor
Ground connection	300 A/100 %	
Tilting range	0° – 90°	
Table diameter	340 mm	
Workpiece diameter	580 mm	
Torque	11,8 Nm	19,6 Nm
Speed	0,6 – 6 rpm	0,05 -5,0 rpm
Rotating directions	cw / ccw	
Max. load horizontal	290 kg	250 kg
Mounting hole circle Ø	114mm up to max. 302 mm	
Hollow shaft	60 mm	
Slot width turntable	14mm	
Measurem. (L x W x H) mm	380 x 340 x 425	
Weight	65 kg	
Item no.	02.30.01.10132	02.31.01.10100

Max load of PRO 3 in horizontal position:
290 kg.



COM-1000: easy control start/stop, cw/ccw

COM-1802: overlap, cw/ccw

COM-1803S: overlap, cw/ccw and with Speeddisplay

COM-1800 VSF: with potentiometric foot switch

COM-2800: with overlap welding, pneumatic control for automated welding

COM-2803S: with overlap welding, pneumatic control and with Speeddisplay

COM-3800: with overlap welding / Spot welding and tack welding

COM-1803 ROB: with Robotic interface

PLC-1801: Controller for turntables with servo motor

Detailed informations on
PRO-turntable control systems
on page 92!



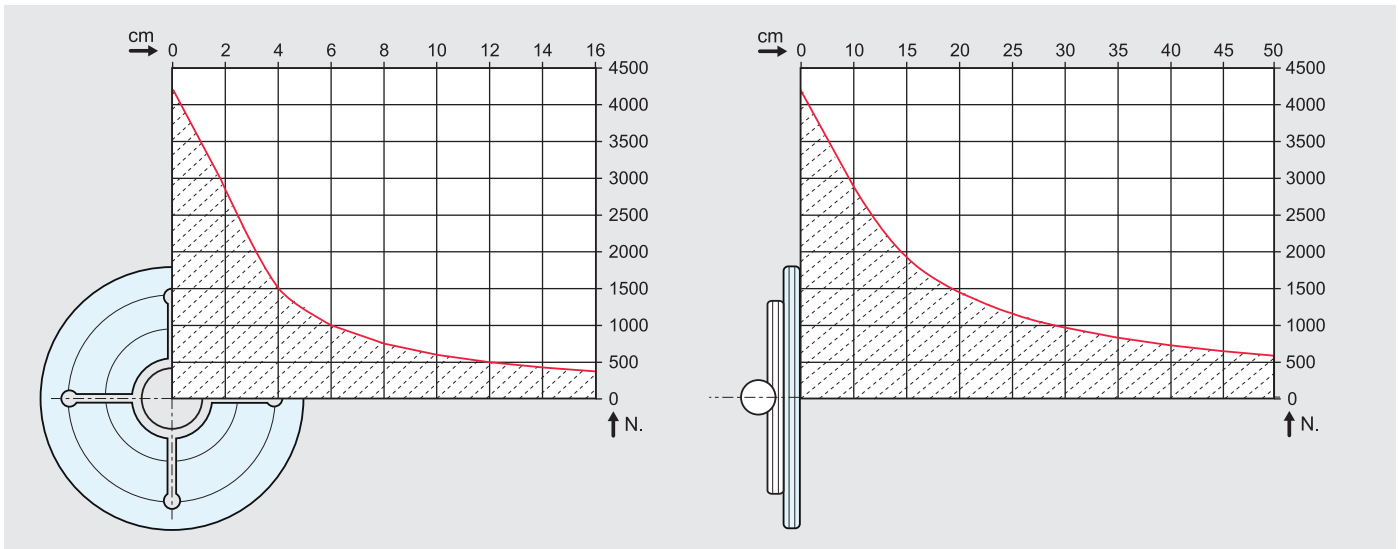
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Welding Positioner PRO 3 PN

Perfectly positioned

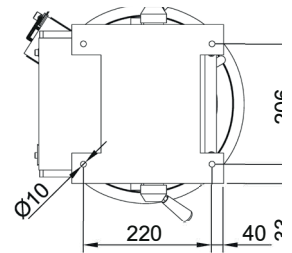
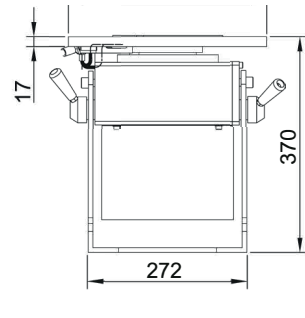
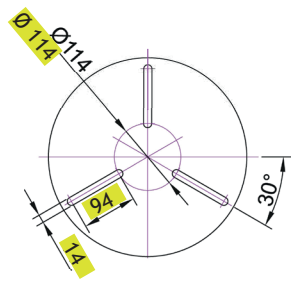
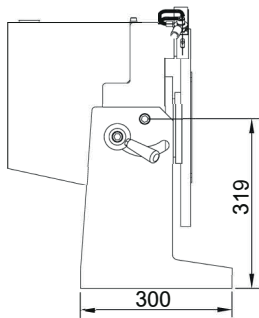
When choosing a turntable, the turning and tilting moment must be considered by all means. The distance between the center of gravity of the workpiece and the faceplate must be considered and the eccentric distance of the center of gravity and the center respectively. Don't forget

the weight of the clamping device. It is often higher than the weight of the workpiece itself. The workpieces can be positioned optimally for welding with a turning and tilting table. This improves productivity and quality significantly.



When choosing your positioner, please consider

- the center of gravity of your workpiece
- the weight of your tensioning device (chuck)



Note

suitable three-jaw chuck for Pro 3 Chuck 160 D to Chuck 200 D and Chuck 300JW

