

Positioners, medium-weight

Welding Positioner POS-500 Serie

With 60 mm hollow shaft

Features

- Table can be tilted manually from 0° to 135°.
- Foot switch start/stop.
- Rotating direction adjustable: cw/ccw.
- 60 mm hollow shaft.
- Table diameter: 450 mm.
- Table speed adjustable from 0,26 – 2,6 or 0,05 – 5 rpm.
- Welding machine can be actuated via turntable control.
- Mass contact transmits 400A/100%.
- Control unit available with overlap welding.
- HF-protected.

M = manual tilting

MS = manual tilting with servo motor

MC = manual tilting with overlap

MCR = manual tilting with overlap welding and robotic interface

A = motor-driven tilting

AC = motor-driven tilting with overlap welding

ACR = motor-driven tilting with overlap welding and robotic interface

AS = motor-driven tilting with servo motor

ACS = motor-driven tilting with overlap welding servo motor



Productvideo on www.javac.org



Scope of delivery:

- 1 Control unit (integrated)
- 1 Start/stop foot switch
- 1 Cable remote control

| Model | POS-500 |
|------------------------|-----------------------------------|
| Supply voltage | AC 230 V/50 Hz |
| Ground connection | 400 A/100 % |
| Tilting range | 0° – 135° |
| Table diameter | 450 mm |
| Hollow shaft | 60 mm |
| Mounting hole circle Ø | 145mm up to max. 381mm |
| Slot width table | 17 mm |
| RPM standard | 0,26 – 2,6 u/min |
| optional: servo-motor | 0,05 – 5 u/min |
| Torque | 195,0 Nm |
| Rotating directions | cw/ccw |
| Remote control | RPM rotating direction adjustable |
| Max. Load A | 500 kg |
| Measurement (LxWxH) mm | ca. 655x500x503 |
| Weight | ca. 180 kg |
| Item no. POS-500 M | 02.30.01.10510 |
| Item no. POS-500 MS | 02.30.01.10515 |
| Item no. POS-500 MC | 02.30.01.10520 |
| Item no. POS-500 MCR | 02.30.01.10530 |
| Item no. POS-500 A | 02.30.01.10540 |
| Item no. POS-500 AC | 02.30.01.10550 |
| Item no. POS-500 ACR | 02.30.01.10560 |
| Item no. POS-500 AS | 02.30.01.10570 |
| Item no. POS-500 ACS | 02.30.01.10575 |



remote control MC

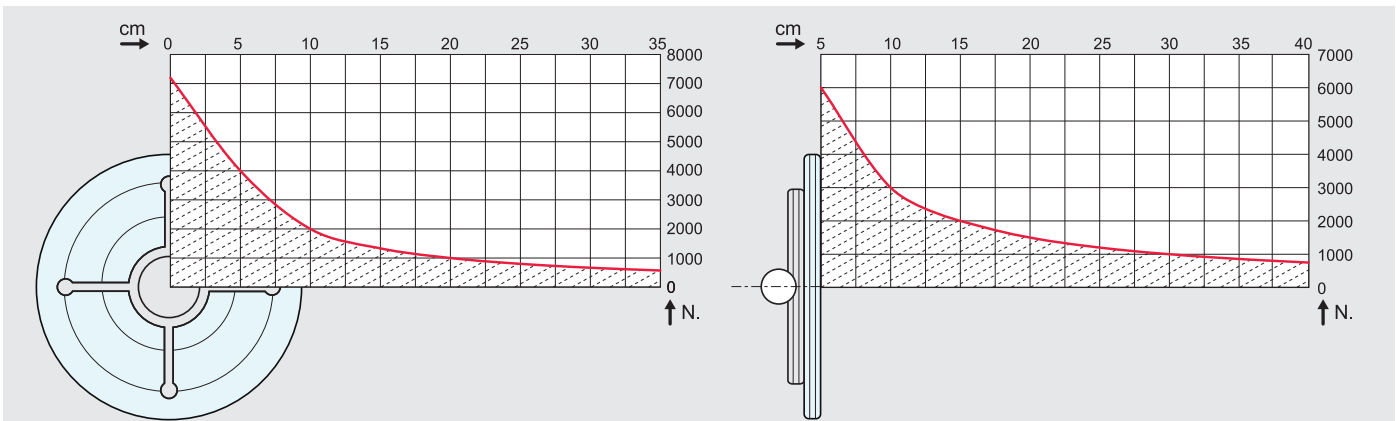
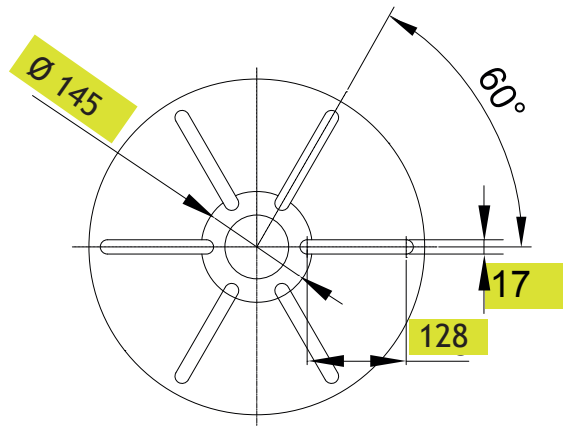
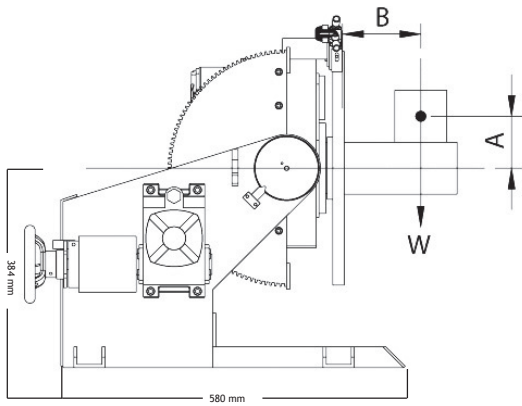
- 1 2-cycle/4-cycle or automatic operation
- 2 Welding start signal
- 3 Stop
- 4 Rotating direction cw/ccw
- 5 Start
- 6 Speed control

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Perfectly positioned

When choosing a turntable, the turning and tilting moment must be considered. For the mounting of eccentric workpieces we recommend to use counterweights. This protects the bearings and increases the service life of the turntable.

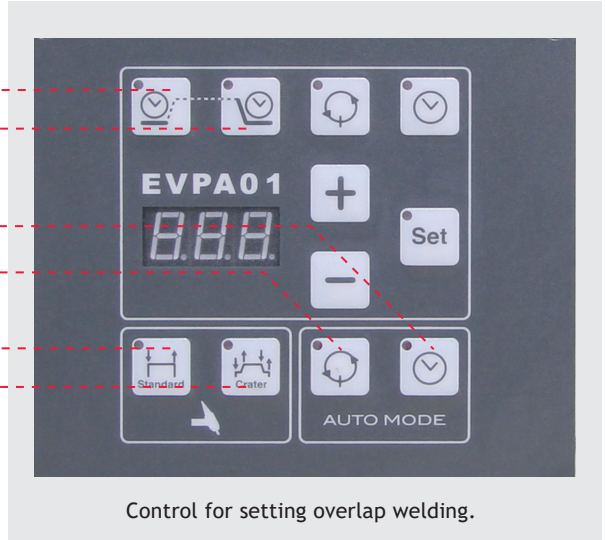


When choosing your positioner, please note the center of gravity of your workpiece incl. your tensioning device.

Functions

- POS-500MC 1 Pre-welding time
- 2 Crater filling
- 3 Turning time
- 4 Overlap welding time
- 5 2-cycle welding
- 6 4-cycle welding with crater filling

- 1
- 2
- 3
- 4
- 5
- 6



Control for setting overlap welding.