

Welding positioner - positioner PO 300 SN



Description and Technical

Data The welding positioner PO 300 SN is designated for manual welding of rotation parts. The positioner consists of the following parts: table, driving unit (worm-gear unit, motor), stand with tilting mechanism with manual locking, control box, remote controls. Fixtures or their parts are clamped in T-slots and centered in an opening with a diameter of 20 mm. The positioner rotation is driven by an electric motor controlled by a frequency converter and wormgear unit. The positioner is equipped with a power collector.

Control

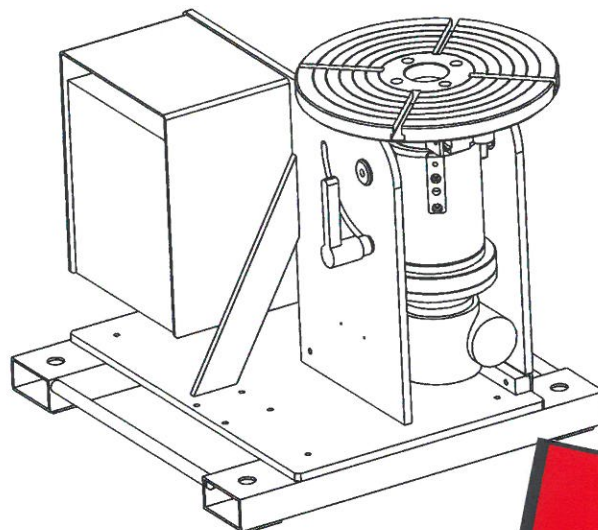
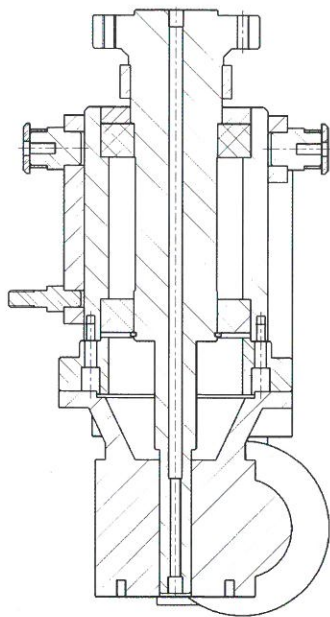
The positioner is to be activated by a switch on the frequency converter. The following switches are located there: control switch (HAND-FOOT), rotation direction switch (LEFT- o- RIGHT).

Functions in HAND CONTROL mode

In this position, the DIRECTION, START, STOP and ROTATION SPEED are set on a hand controller. The foot controller has no functions.

Functions in FOOT CONTROL mode

In this position, the DIRECTION and ROTATION SPEED are to be set on the hand controller. The positioner rotates when the foot controller is actuated. The rotation speed is to be set by a potentiometer that is also located on the frequency converter.



Technical Data

Table diameter	: 300 mm
Centering opening diameter	: 50 mm
Welding current	: max. 200 A
Part clamping	: using bolts and T-slots
Load capacity	
table horizontally	: 100 kg
table vertically	: 50 kg at 50 mm from table
Rotation speed	: controllable by frequency converter
	: 0.15 - 2 rpm
Tilting	: manual, 0-90°
Power supply	: 1+PE+N, AC 50Hz, 230V TN-S
Input	: 0.6 kW
Operating ambient temperature	: +5 to +40°C
Handling and storage temperature	: -25 to +55°C
Environment to ČSN 33 0300	: basic
Protection	: zeroing
Weight	: 73 kg

