

Welding Positioner POS TW



Features

- Robust design.
- Infinitely variable speed control.
- Hand remote control.
- HF-protected.

Welding Positioner POS TW

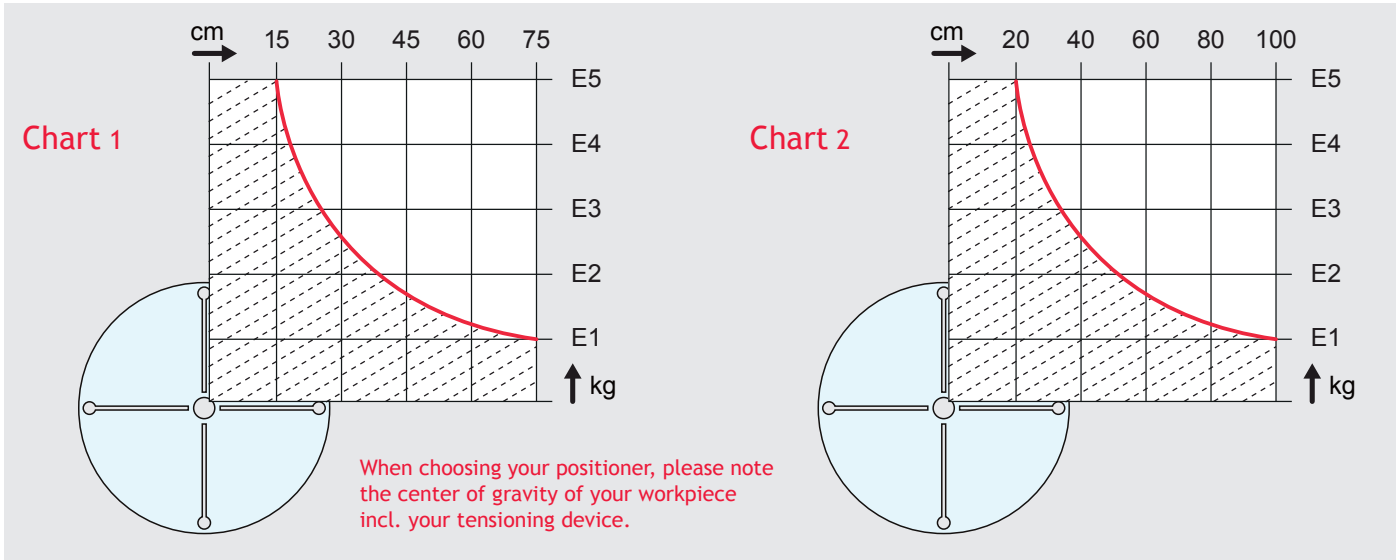
Technical data

Model	POS-1TW	POS-2TW	POS-3TW	POS-4TW
Load capacity	1 t	2 t	3 t	4 t
Max. torque	2000 Nm	4000 Nm	6000 Nm	8000 Nm
Max. tilting torque	3000 Nm	6000 Nm	9000 Nm	12.000 Nm
Centric load	300 mm	300 mm	300 mm	300 mm
Excentric load	200 mm	200 mm	200 mm	200 mm
Rotating speed	0,12 – 1,2 rpm	0,1 – 1,0 rpm	0,05 – 0,5 rpm	0,05 – 0,5 rpm
Rewind speed	0,35 rpm	0,35 rpm	0,35 rpm	0,35 rpm
Tilt angle	0 – 135°	0 – 135°	0 – 130°	0 – 130°
Max. workpiece diameter at 90°	1350 mm	1630 mm	1750 mm	1850 mm
Table diameter	900 mm	1100 mm	1300 mm	1300 mm
Measurements (LxWxH) mm	1475 x 1050 x 900	1640 x 1150 x 1000	1800 x 1350 x 1050	1800 x 1350 x 1050
Welding current	500 A	500 A	700 A	700 A
Item. no	71701000	71702000	71703000	71704000

Model	POS-5TW	POS-6TW	POS-8TW	POS-10TW
Load capacity	5 t	6 t	8 t	10 t
Max. torque	10.000 Nm	12.000 Nm	16.000 Nm	20.000 Nm
Max. tilting torque	15.000 Nm	18.000 Nm	32.000 Nm	40.000 Nm
Centric load	300 mm	300 mm	400 mm	400 mm
Excentric load	200 mm	200 mm	200 mm	200 mm
Rotating speed	0,05 – 0,5 rpm	0,05 – 0,5 rpm	0,02 – 0,2 rpm	0,02 – 0,2 rpm
Rewind speed	0,2 rpm	0,2 rpm	0,2 rpm	0,2 rpm
Tilt angle	0 – 130°	0 – 130°	0 – 130°	0 – 130°
Max. workpiece diameter at 90°	2000 mm	2150 mm	2300 mm	2500 mm
Table diameter	1500 mm	1600 mm	1800 mm	2000 mm
Measurements (LxWxH) mm	2200 x 1600 x 1200	2200 x 1600 x 1200	2500 x 1800 x 1425	2720 x 2000 x 1600
Welding current	700 A	700 A	1000 A	1000 A
Item. no	71705000	71706000	71708000	717010000

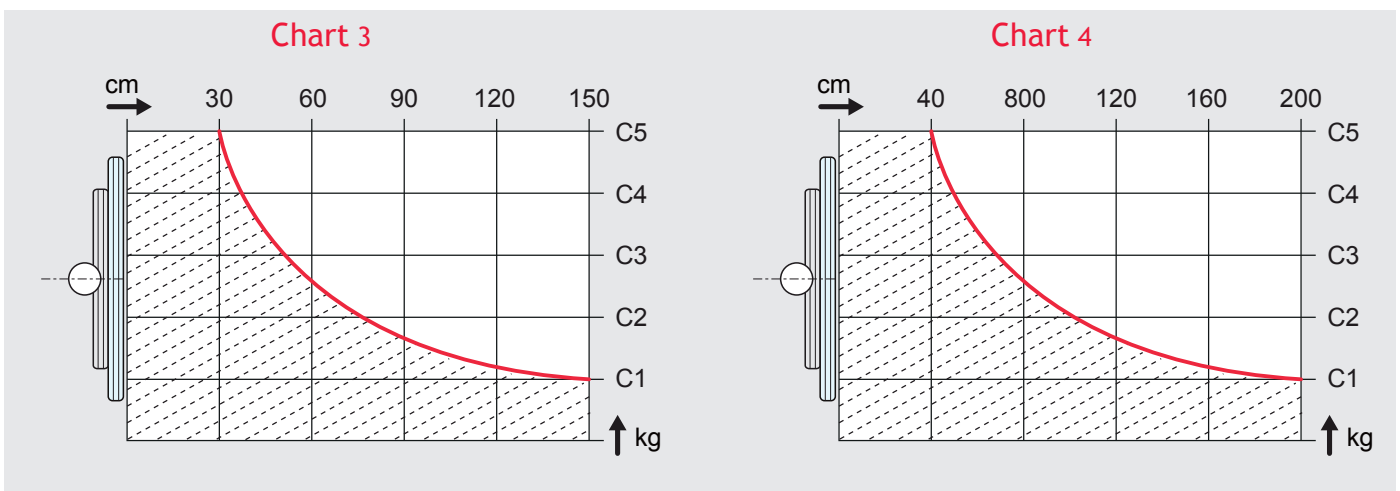
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Excentric load (E)



Excentric	POS-1TW	POS-2TW	POS-3TW	POS-4TW	POS-5TW	POS-6TW	POS-8TW	POS-10TW
Chart 1			Chart 2					
E1 (in kg)	200	400	600	800	1000	1.200	1.600	2.000
E2 (in kg)	400	800	1.200	1.600	2.000	2.400	3.200	4.000
E3 (in kg)	600	1.200	1.800	2.400	3.000	3.600	4.800	6.000
E4 (in kg)	800	1.600	2.400	3.200	4.000	4.800	6.400	8.000
E5 (in kg)	1.000	2.000	3.000	4.000	5.000	6.000	8.000	10.000

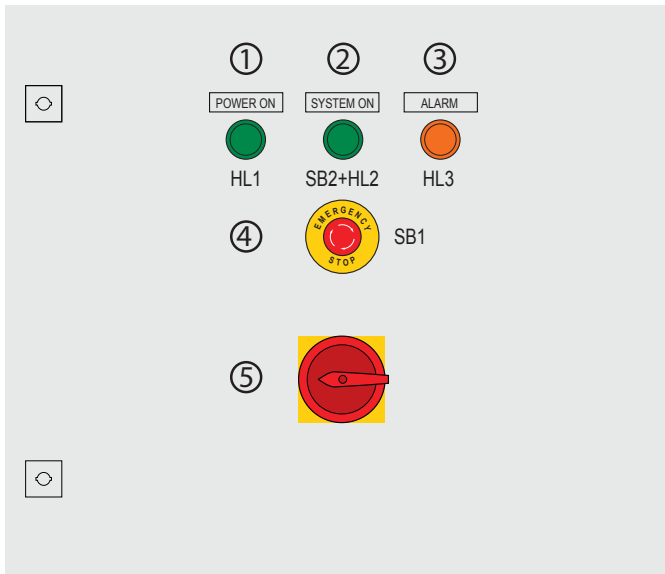
Centric load (C)



Centric	POS-1TW	POS-2TW	POS-3TW	POS-4TW	POS-5TW	POS-6TW	POS-8TW	POS-10TW
Chart 3						Chart 4		
C1 (in kg)	200	400	600	800	1.000	1.200	1.600	2.000
C2 (in kg)	400	800	1.200	1.600	2.000	2.400	3.200	4.000
C3 (in kg)	600	1.200	1.800	2.400	3.000	3.600	4.800	6.000
C4 (in kg)	800	1.600	2.400	3.200	4.000	4.800	6.400	8.000
C5 (in kg)	1.000	2.000	3.000	4.000	5.000	6.000	8.000	10.000

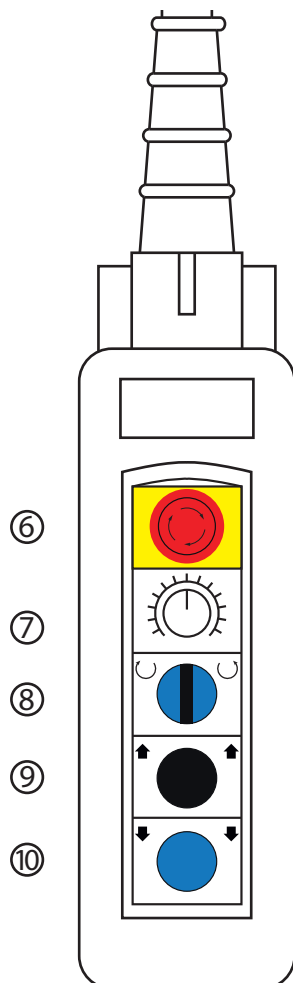
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Operation panels



Control box

1. Lights when power ON (Switch N. 5 is ON)
2. Push: device is ready for work
3. Lights when machine alarm
4. Emergency Stop
5. ON: Stromversorgung No. 1 is on
OFF: no power supply



Remote control

6. Emergency Stop
7. Rotation speed setting
8. CW: Clockwise
OFF: turning stopps
CCW: Counterclockwise
9. Push for tilting UPwards
10. Push for tilting DOWNwards