

RDA FHVP5 CE Positioner

5 tonne capacity

Red-D-Arc's RDA FHVP5 CE positioners provide 360° rotation of a work piece along with 135° forward tilt to better position weldments for better down-hand or automatic welding. All-fabricated steel frames and bases support rotation and tilt spur-gears driven by worm-gear reducers to provide enhanced safety and durability. Powered table tilt and rotation are controlled via push-button pendants for controlling constant-speed up and down tilt, variable-speed table rotation, and forward/stop/reverse table direction/emergency-stop controls, as well as tilt limit-switches (for both directions). Rotation motors are inverter-controlled variable-frequency AC-type, providing a full range of variable-speed control with excellent speed-regulation. Red-D-Arc welding positioners are engineered to provide maximum safety and dependability; control boxes have IP65-rated enclosures with full UL and CE certification and all of our positioners have been tested and certified by UL to establish safe working loads - a first in the weld automation industry.

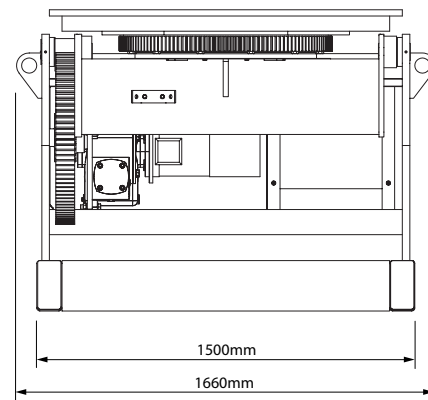
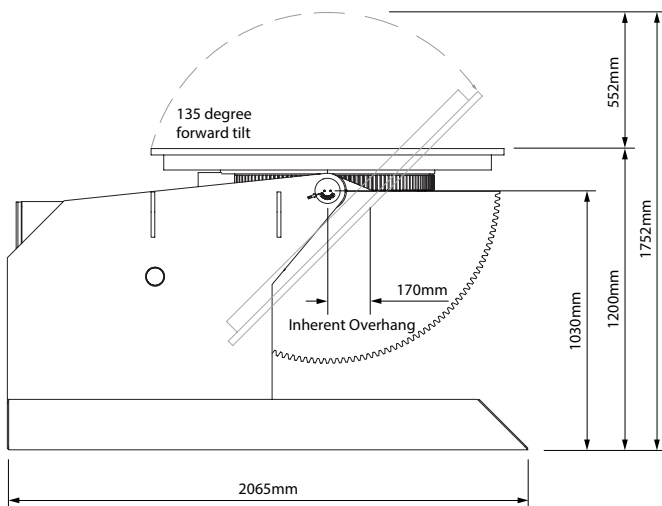
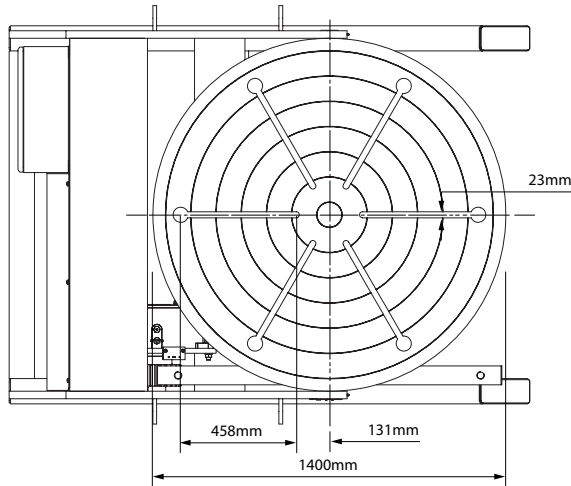


Specifications

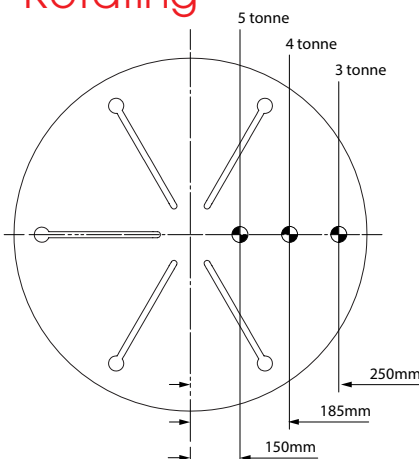
Model	RDA FHVP5 CE
Capacity	5 tonne at 150 mm C of G and 150 mm eccentricity
Rotation Speed	0.07 - 1 RPM
Rotation Motor	1.5 kW inverter-controlled variable-frequency AC-type
Rotation Torque	7355 Nm
Tilt	135° forward tilt in 60 seconds
Tilt Motor	2.2 kW with brake
Tilt Torque	16,181 Nm
Table Height (Horizontal)	1200 mm
Table Diameter	1400 mm round with six 23 mm slots
Control	Push button pendant, 10 m cable
Control Functions	Tilt up/tilt down/forward/stop/reverse/speed control/emergency stop
Primary Input Power	380 to 480 V, 3 phase, 50/60 Hz
Input Current at Rated Load	9 A
Ground Capacity	300 A
Weight	2600 kg
Control Box Ingress Protection Rating	IP65
Control Box Electrical Certification	UL508
Loading Capacity Certification	UL2011

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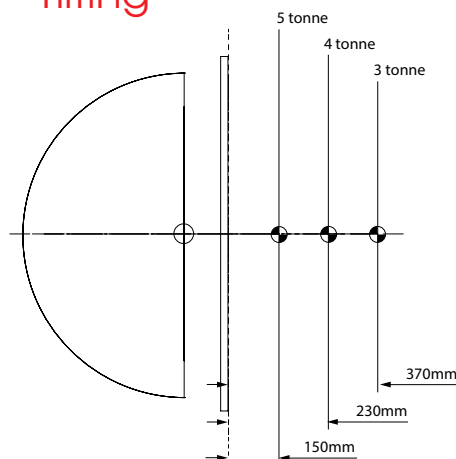


Rotating



Load (tonne)	Eccentricity (mm)
5	150
4.5	165
4	185
3.5	215
3	250
2.5	300
2	375

Tilting



Load (tonne)	C of G (mm)
5	150
4.5	185
4	230
3.5	290
3	370
2.5	480
2	645