

## RDA FHVP5-3 NA Positioner

500 lb capacity

Red-D-Arc's RDA FHVP5-3 NA 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 rotation is controlled via push-button pendant for controlling variable-speed table rotation, and forward/stop/reverse table direction/emergency-stop controls. 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.



**3**year  
warranty

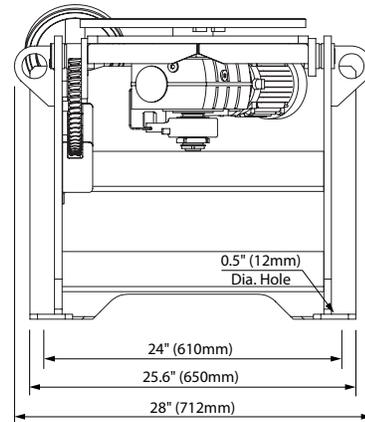
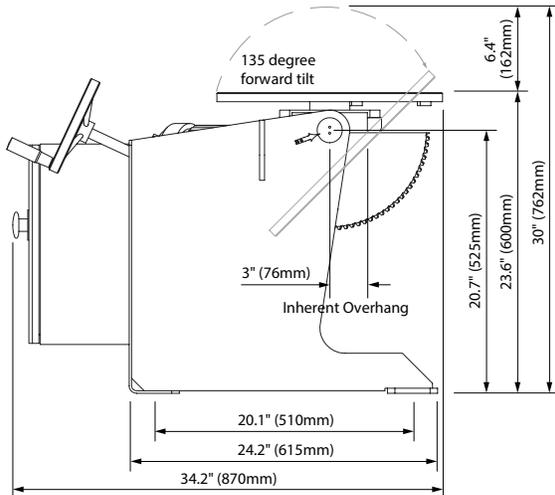
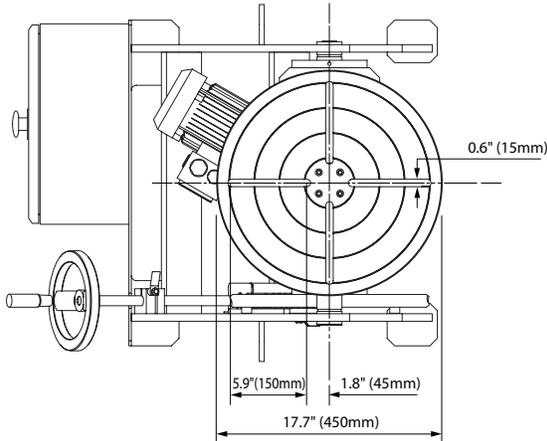
### Specifications

Model	RDA FHVP5-3 NA
Capacity	551 lb (0.25 tonne) at 3 in (76 mm) C of G and 3 in (76 mm) eccentricity
Rotation Speed	0.1 - 3 RPM
Rotation Motor	0.25 kW inverter-controlled variable-frequency AC-type
Rotation Torque	1627 in-lbs (184 Nm)
Tilt	135° manual forward tilt
Table Height (Horizontal)	23.6 in (600 mm)
Table Diameter	17.7 in (450 mm) round with four 0.6 in (15 mm) slots
Control	Push button pendant, 50 ft control cable
Control Functions	Forward/stop/reverse/speed control/emergency stop
Optional Rotation Speed Foot Control	FT-1VAR-50 (single pedal) with 50 ft control cable
Optional Directional Foot Control	FT-2DIR-50 (double pedal) with 50 ft control cable
Primary Input Power	110 V, 1 phase, 60 Hz
Input Current at Rated Load	2.7 A
Ground Capacity	300 A
Weight	440 lb (200 kg)
Control Box Ingress Protection Rating	IP65
Control Box Electrical Certification	UL508
Loading Capacity Certification	UL2011

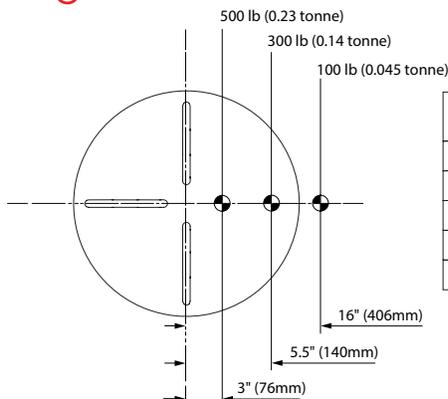
Red-D-Arc **Welderentals**, an Airgas company, rents and sells welding and weld-positioning equipment - around the world.

RDA FHVP5-3 NA Positioner

500 lb capacity



Rotating



Load lb (tonne)	Eccentricity in (mm)
500 (0.23)	3 (76)
400 (0.18)	4 (102)
300 (0.14)	5.5 (140)
200 (0.09)	8 (203)
100 (0.045)	16 (406)