

RDA AHVP100-6 NA Positioner

10,000 lb capacity

Red-D-Arc's RDA AHVP100-6 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 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.



3year
warranty

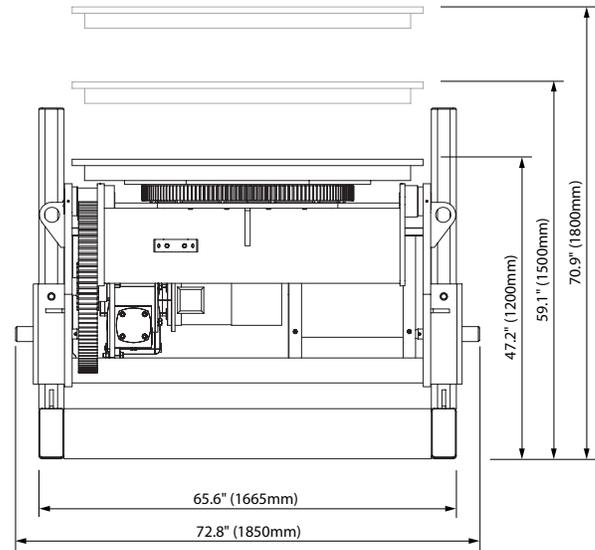
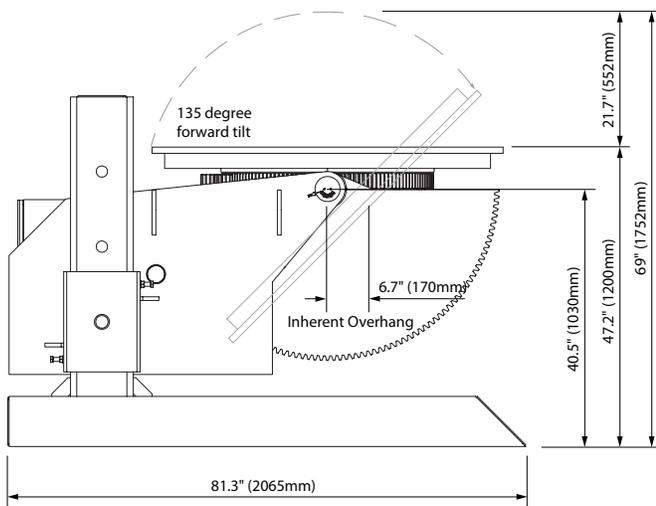
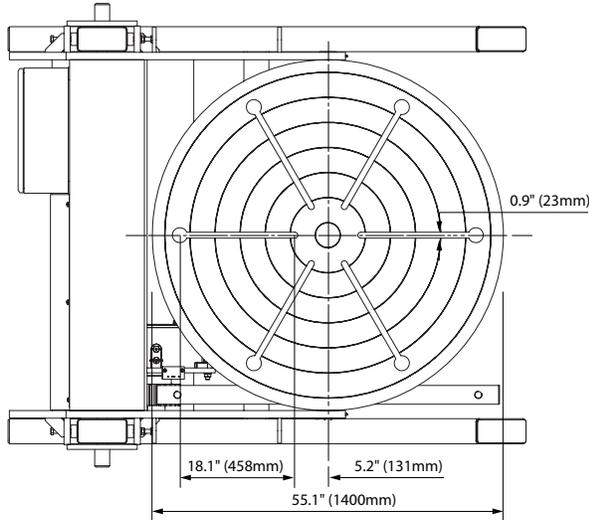
Specifications

Model	RDA AHVP100-6 NA
Capacity	11,023 lb (5 tonne) at 6 in (152 mm) C of G and 6 in (152 mm) eccentricity
Rotation Speed	0.07 - 1 RPM
Rotation Motor	1.5 kW inverter-controlled variable-frequency AC-type
Rotation Torque	65,097 in-lbs (7355 Nm)
Tilt	135° forward tilt in 60 seconds
Tilt Motor	2.2 kW with brake
Tilt Torque	143,214 in-lbs (16,181 Nm)
Table Height (Horizontal)	47.2 in (1200 mm), 59.1 in (1500 mm), 70.9 (1800 mm)
Table Diameter	55.1 in (1400 mm) round with six 0.9 in (23 mm) slots
Control	Push button pendant, 50 ft control cable
Control Functions	Tilt up/tilt down/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	380 to 480 V, 3 phase, 50/60 Hz (optional 600 V, 3 phase, 60 Hz available)
Input Current at Rated Load	9 A
Ground Capacity	300 A
Weight	6063 lb (2750 kg)
Control Box Ingress Protection Rating	IP65
Control Box Electrical Certification	UL508
Loading Capacity Certification	UL2011

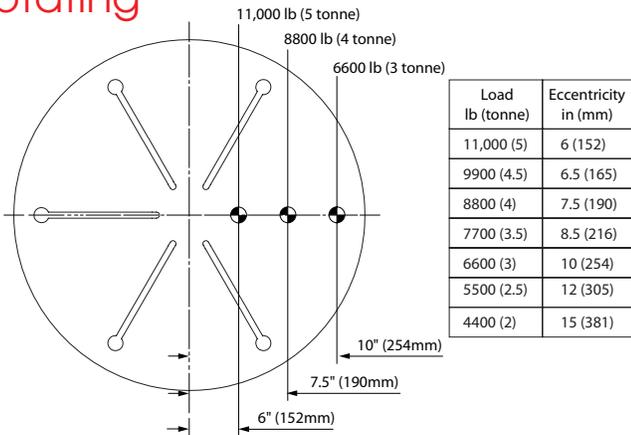
Red-D-Arc **Welderentals**, an Airgas company, rents and sells welding and weld-positioning equipment - around the world.

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Rotating



Tilting

