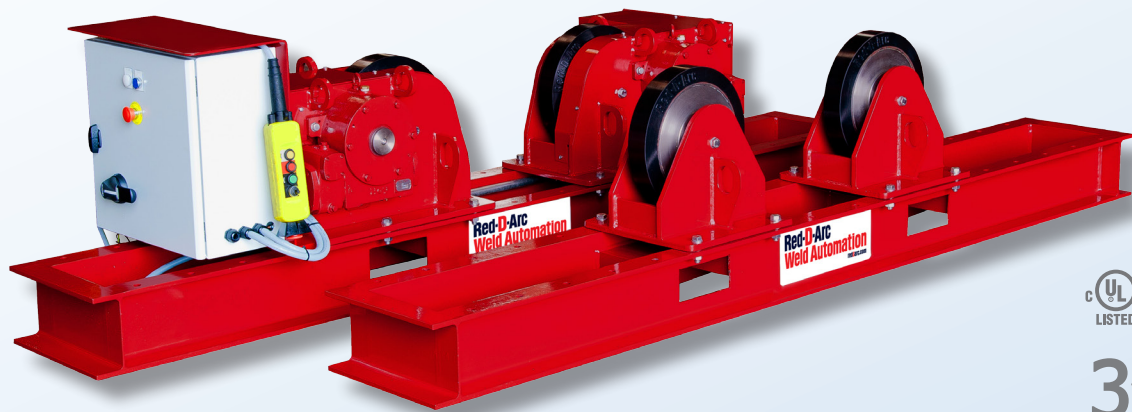


# RDA CR10 NA Turning Rolls 10 ton set capacity

Red-D-Arc's RDA CR10 NA turning roll sets feature all-fabricated-steel base construction with wheel brackets that can be manually positioned to accommodate vessels of varying diameters around a constant center-line. Vessel rotation is via a two-motor, two-wheel-drive system which eliminates the need for torque tubes. Drive motors are inverter-controlled variable-frequency AC-type with fan cooling and are fully enclosed for trouble-free operation. Double reduction worm and wheel gearboxes are used for enhanced durability and extended overhaul intervals. Drive and idler wheel shafts are housed in deep-groove-type roller bearings and gearboxes are of aluminum/bronze construction. Both the drive roll and idler roll have forklift slots built into the frames for easy maneuverability. Control boxes have IP65-rated enclosures and utilize variable-frequency AC-control electrical systems with full UL and CE certification. In addition, all our conventional turning rolls have been tested and certified by UL to establish safe working loads - a first in the weld automation industry.



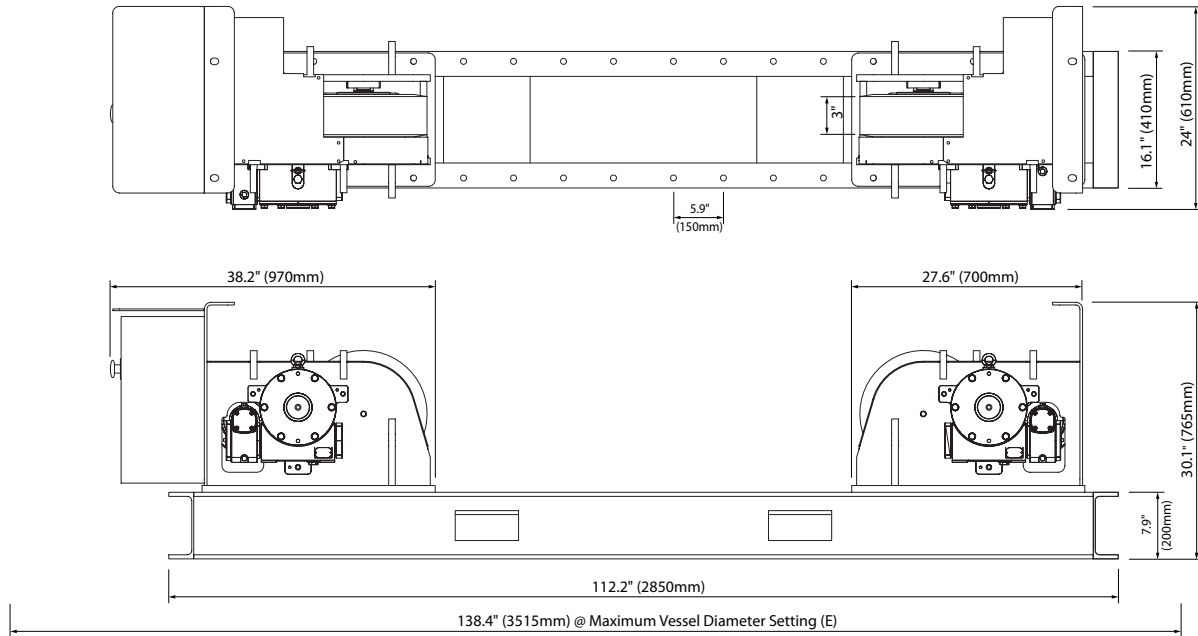
**3 year**  
warranty

## Specifications

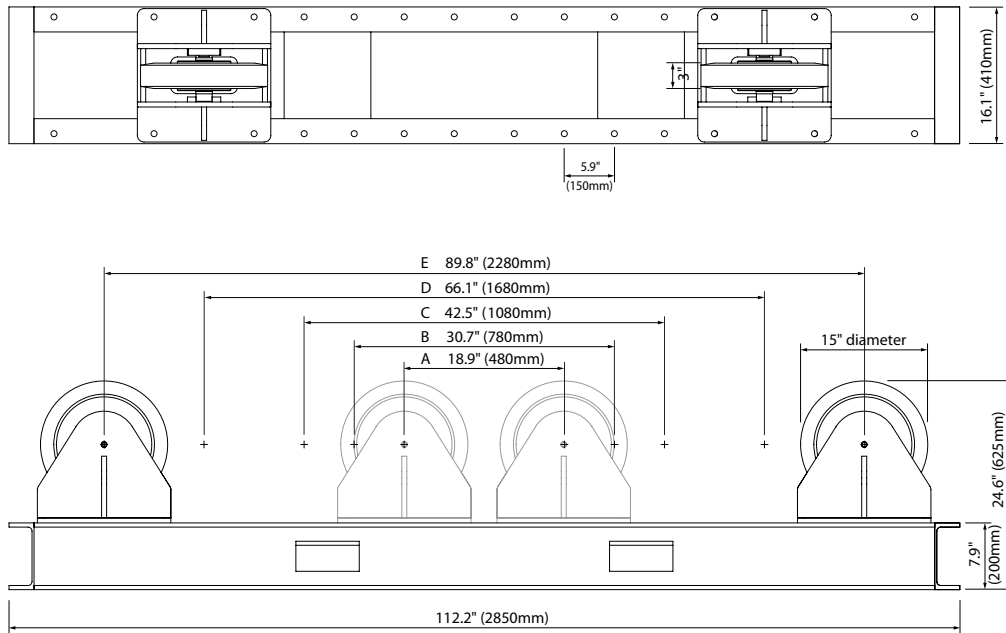
Model	RDA CR10 NA turning roll set (drive and idler)
Load Carrying Capacity, Drive	5 ton maximum
Load Carrying Capacity, Idler	5 ton maximum
Load Carrying Capacity, Set	10 ton maximum
Rotation Capacity, Drive Roll	15 ton maximum
Wheel Centre Distance	18.9, 30.7, 42.5, 66.1, 89.8 in (480, 780, 1080, 1680, 2280 mm)
Vessel Diameter Capacity	13.8 in to 196.9 in (350 mm to 5000 mm)
Rotation Speed Range	55 to 55.1 in/min (140 to 1400 mm/min)
Tire Type	Polyurethane, A95 durometer rating
Wheel Size	15 in diameter x 3 in wide
Five Function Hand Control	Push Button Pendant, 50 ft control cable (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
Rotation Drive Motors	2 x 0.55 kW with fan cooling
Primary Input Power	110 V, 1 phase, 60 Hz
Input Current at Rated Load	8 A
Weight, Drive	1488 lb (675 kg)
Weight, Idler	882 lb (400 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 CR10 NA Turning Rolls      10 ton set capacity**  
**Drive Roll**



**Idler Roll**



Vessel Diameter Ranges

Setting	Minimum	Maximum	Setting	Minimum	Maximum	Setting	Minimum	Maximum
A	13.8" (350mm)	31.5" (800mm)	C	51.2" (1300mm)	86.6" (2200mm)	E	126" (3200mm)	196.9" (5000mm)
B	31.5" (800mm)	55.1" (1400mm)	D	86.6" (2200mm)	141.7" (3600mm)			