

## RDA CR5 NA Turning Rolls

5 ton set capacity

Red-D-Arc's RDA CR5 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. 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

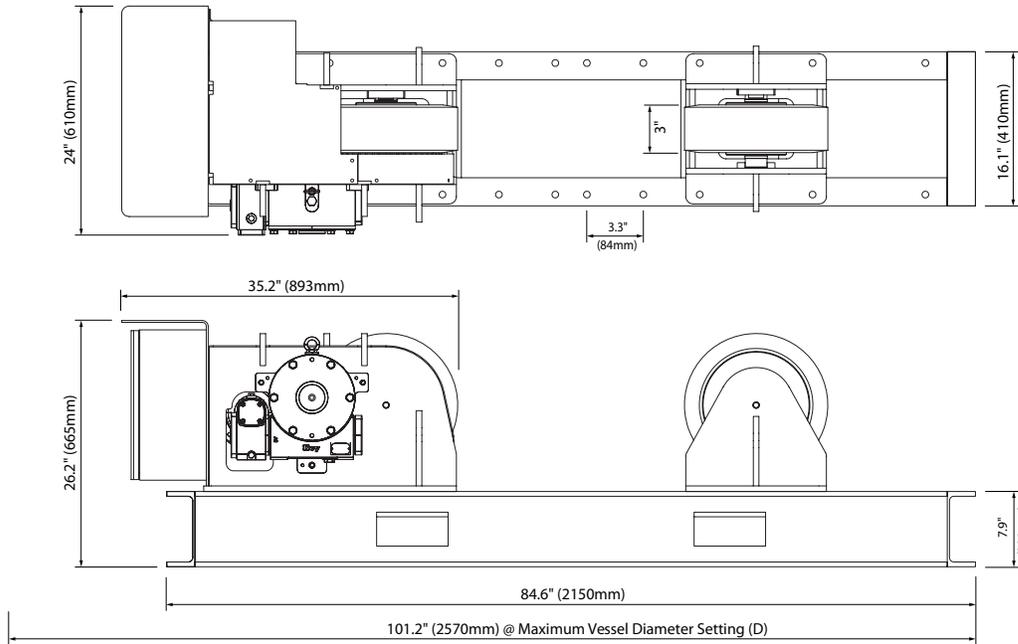
### Specifications

|                                       |  |
|---------------------------------------|--|
| Model                                 | RDA CR5 NA turning roll set (drive and idler)  |
| Load Carrying Capacity, Drive         | 2.5 ton maximum  |
| Load Carrying Capacity, Idler         | 2.5 ton maximum  |
| Load Carrying Capacity, Set           | 5 ton maximum  |
| Rotation Capacity, Drive Roll         | 7.5 ton maximum  |
| Wheel Centre Distance                 | 15.1, 26.9, 38.7, 62.4 in (384, 684, 984, 1584 mm)   |
| Vessel Diameter Capacity              | 7.9 in to 137.8 in (200 mm to 3500 mm)   |
| Rotation Speed Range                  | 55 to 59 in/min (140 to 1500 mm/min)   |
| Tire Type                             | Rubber, A90-95 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 Motor                  | 0.55 kW with fan cooling   |
| Primary Input Power                   | 110 V, 1 phase, 60 Hz  |
| Input Current at Rated Load           | 6.9 A  |
| Weight, Drive                         | 1300 lb (590 kg)   |
| Weight, Idler                         | 1036 lb (470 kg)   |
| Control Box Ingress Protection Rating | IP65   |
| Control Box Electrical Certification  | UL508  |
| Loading Capacity Certification        | UL2011   |

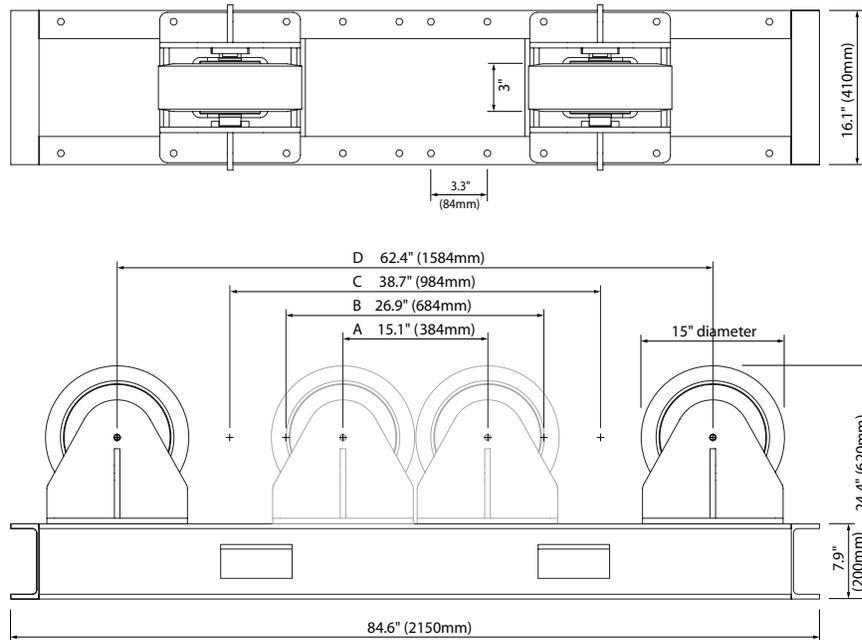
Red-D-Arc **Welderentals**, an Airgas company, rents and sells welding and weld-positioning equipment - around the world.

**RDA CR5 NA Turning Rolls**  
**Drive Roll**

**5 ton set capacity**



**Idler Roll**



Vessel Diameter Ranges

| Setting | Minimum       | Maximum        | Setting | Minimum        | Maximum         |
|---------|---------------|----------------|---------|----------------|-----------------|
| A       | 7.9" (200mm)  | 23.6" (600mm)  | C       | 43.3" (1100mm) | 78.7" (2000mm)  |
| B       | 23.6" (600mm) | 47.2" (1200mm) | D       | 78.7" (2000mm) | 137.8" (3500mm) |