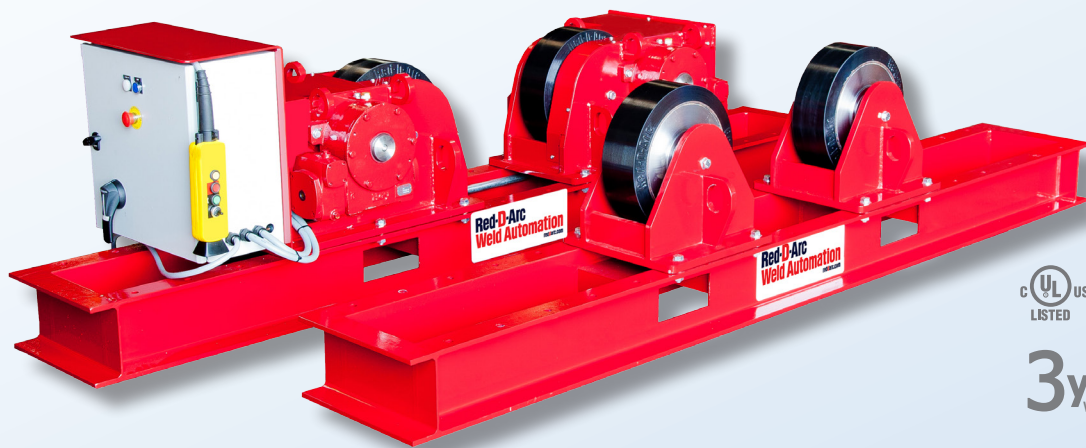


RDA CR20 CE Rotators 20 tonne set capacity

Red-D-Arc's RDA CR20 CE rotators feature all-fabricated-steel base construction with wheel carriages that can be manually positioned to accommodate vessels of varying diameters around a constant centre-line. Vessel rotation is via a two-motor, two-wheel-drive system which eliminates the need for torque bars. 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.



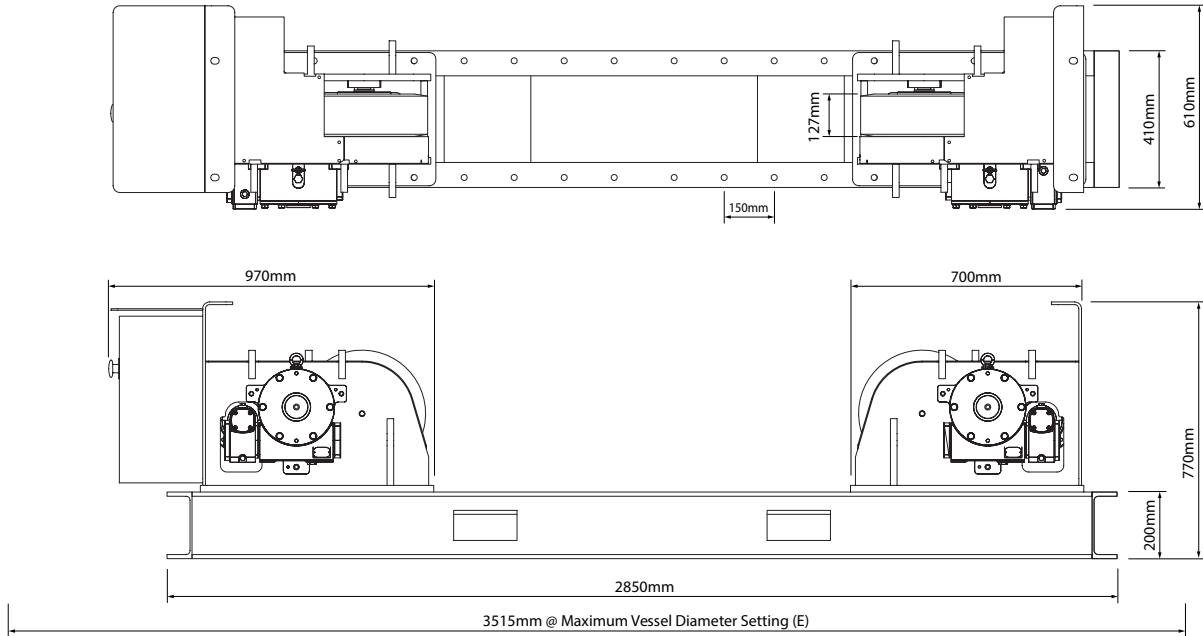
Specifications

Model	RDA CR20 CE rotator set (drive and idler)
Load Carrying Capacity, Drive	10 tonnes maximum
Load Carrying Capacity, Idler	10 tonnes maximum
Load Carrying Capacity, Set	20 tonnes maximum
Rotation Capacity, Drive Roll	30 tonnes maximum
Wheel Centre Distance	480, 780, 1080, 1680, 2280 mm
Vessel Diameter Capacity	350 mm to 5000 mm
Rotation Speed Range	140 to 1400 mm/min
Tyre Type	Polyurethane, A95 durometer rating
Wheel Size	381 mm diameter x 127 mm wide
Five Function Control	Push Button Pendant, 15 m cable (forward/stop/reverse/speed control/emergency stop)
Rotation Drive Motors	2 x 0.75 kW with fan cooling
Primary Input Power	380 to 480 V, 3 phase, 50/60 Hz
Input Current at Rated Load	6.9 A
Weight, Drive	750 kg
Weight, Idler	500 kg
Control Box Ingress Protection Rating	IP65
Control Box Electrical Certification	UL508
Loading Capacity Certification	UL2011

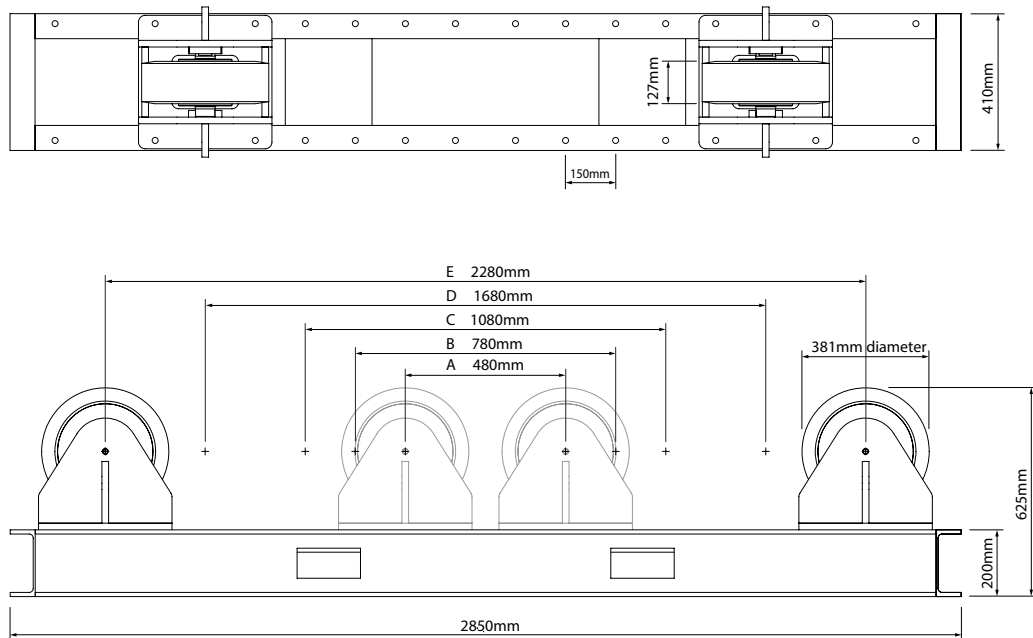
Red-D-Arc **Welderentals** rents and sells welding and weld-positioning equipment - around the world.

RDA CR20 CE Rotators 20 tonne set capacity

Drive



Idler



Vessel Diameter Ranges

Setting	Minimum	Maximum	Setting	Minimum	Maximum	Setting	Minimum	Maximum
A	350mm	800mm	C	1300mm	2200mm	E	3200mm	5000mm
B	800mm	1400mm	D	2200mm	3600mm			