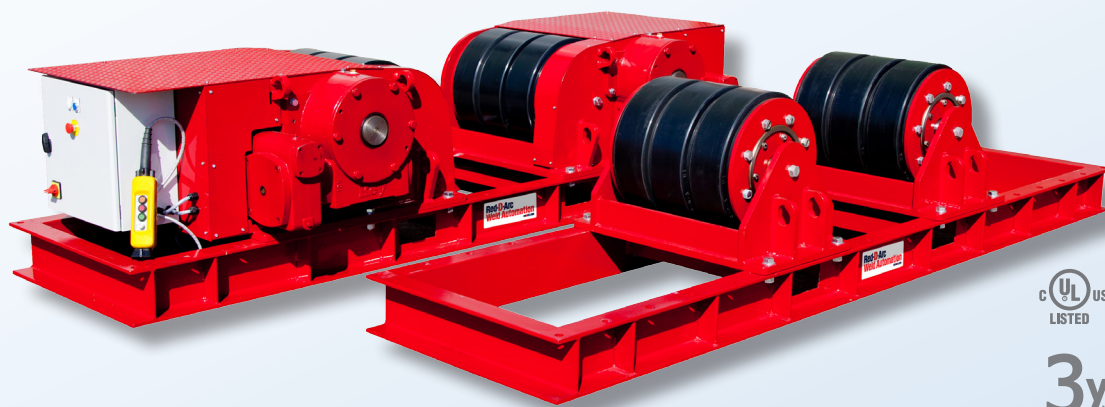


RDA CR100 CE Rotators 100 tonne set capacity

Red-D-Arc's RDA CR100 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.



3year
warranty

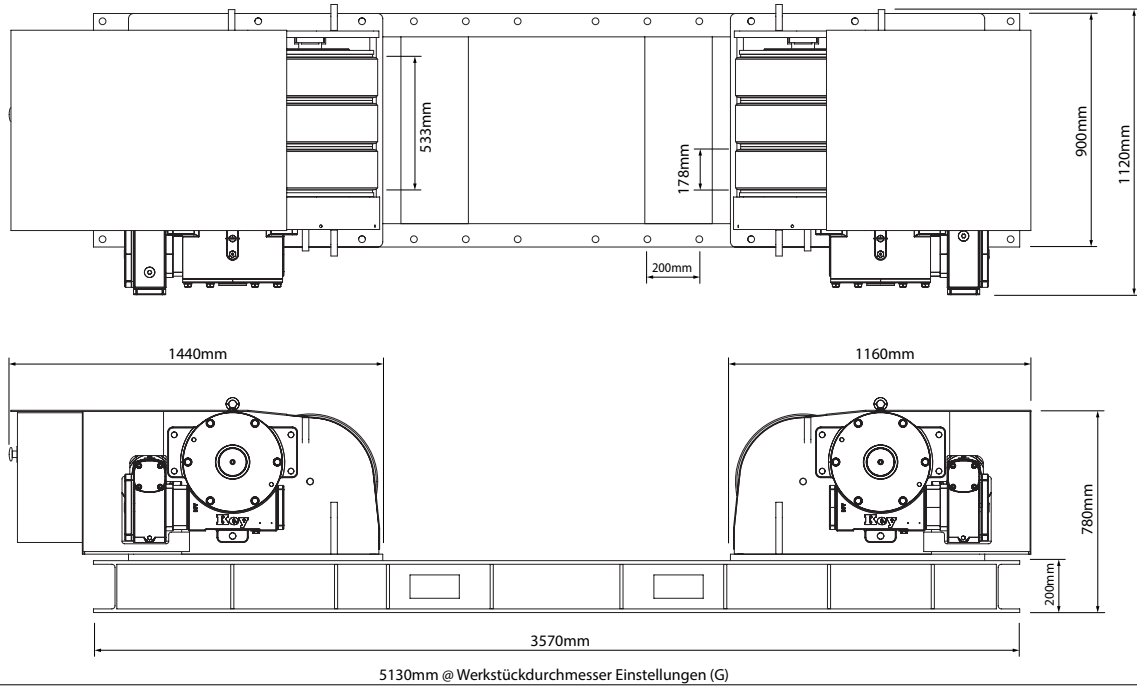
Specifications

Model	RDA CR100 CE rotator set (drive and idler)
Load Carrying Capacity, Drive	50 tonnes maximum
Load Carrying Capacity, Idler	50 tonnes maximum
Load Carrying Capacity, Set	100 tonnes maximum
Rotation Capacity, Drive Roll	150 tonnes maximum
Wheel Centre Distance	700, 1100, 1500, 1900, 2300, 2700, 3100 mm
Vessel Diameter Capacity	570 mm to 6800 mm
Rotation Speed Range	130 to 1300 mm/min
Tyre Type	Polyurethane, A95 durometer rating
Wheel Size	521 mm diameter x 533 mm wide
Five Function Control	Push Button Pendant, 15 m cable (forward/stop/reverse/speed control/emergency stop)
Rotation Drive Motors	2 x 2.2 kW with fan cooling
Primary Input Power	380 to 480 V, 3 phase, 50/60 Hz
Input Current at Rated Load	15.2 A
Weight, Drive	2800 kg
Weight, Idler	1600 kg
Control Box Ingress Protection Rating	IP65
Control Box Electrical Certification	UL508
Loading Capacity Certification	UL2011

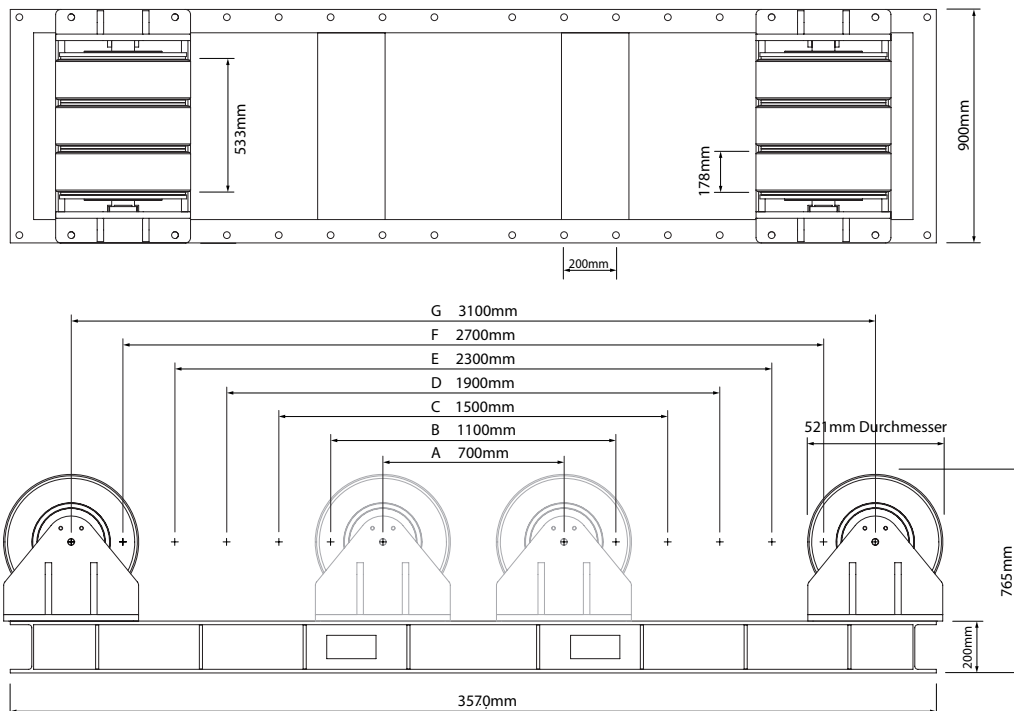
Red-D-Arc Welderentals rents and sells welding and weld-positioning equipment - around the world.

RDA CR100 CE Rotators 100 tonne set capacity

Drive



Idler



Werkstückdurchmesser in mm

Einstellung	Minimum	Maximum	Einstellung	Minimum	Maximum	Einstellung	Minimum	Maximum	Einstellung	Minimum	Maximum
A	570mm	1150mm	C	1800mm	3000mm	E	3000mm	5000mm	G	4300mm	6800mm
B	1150mm	2100mm	D	2400mm	4000mm	F	3700mm	6000mm			