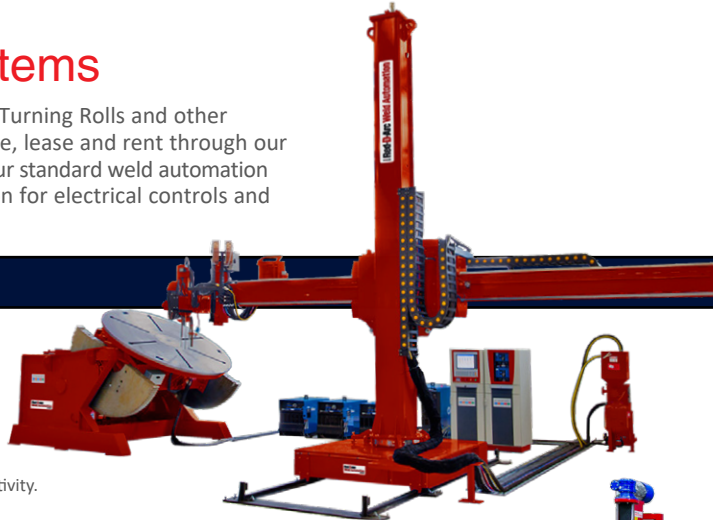


Weld Automation Systems

Red-D-Arc Welding Positioners, Manipulators, Turning Rolls and other weld automation products are available for sale, lease and rent through our North American-wide distribution network. All our standard weld automation products come with UL/CSA and CE certification for electrical controls and operational capacities.

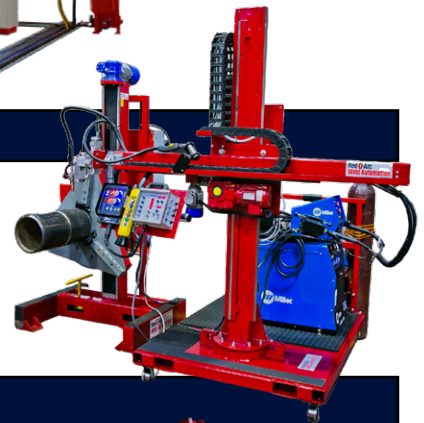
Turnkey Packages

We can design and build turnkey weld automation packages with all welding and positioning equipment including integrated controls - such as digital touch-screen interfaces and camera systems - for your complete project requirements, regardless of your geographic location. Our team of engineers can also provide you with weld process recommendations as well as set up all your equipment for optimized reliability, functionality and productivity.



Port-A-Weld System (PWS)

Eliminate the hassle of moving large fabrications with this self-contained Port-a-Weld system. Experience maximum mobility with an integrated power source, column, and boom in a single compact unit that can be brought directly to the workpiece. Choose between SAW, GMAW, and GTAW for your application. Integrated fork pockets and heavy-duty casters enable effortless transport across the shop floor. The pendant-controlled motorized column delivers smooth under-boom vertical adjustments from 29.5" (750 mm) to 78.7" (2000 mm). Paired with a manual telescoping boom and 360-degree column rotation, for easy manipulation. Manual cross slides supply 7.87" (200 mm) of fine horizontal and vertical micro-adjustments, for precise torch placement.



Manipulators

RDA MD 6X6 NA

Capacity: 441 lb (200 kg) with 6 ft vertical & 6 ft horizontal travel
 Optional Equipment: Travel car
 Input Power: 380 to 480 V, 3 phase, 50/60 Hz
 Pendant: Five-function, push button
 Pendant for Travel Car: Five-function
 Weight: 3306 lb (1500 kg) without travel car



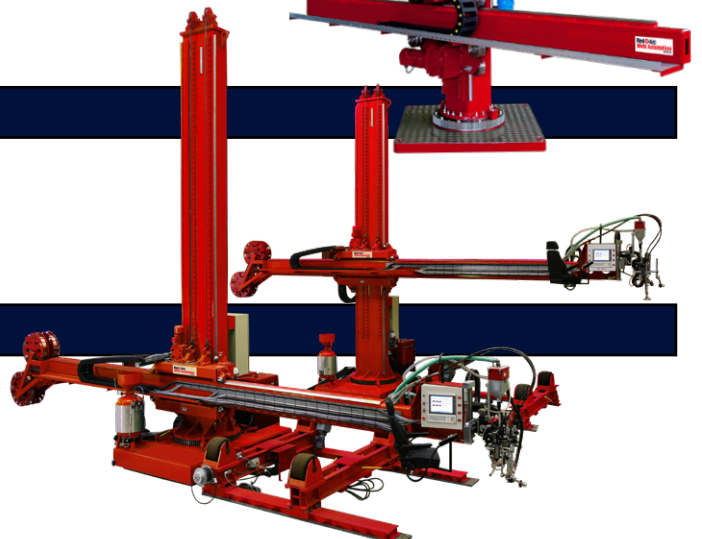
RDA MD 9X9 NA

Capacity: 441 lb (200 kg) with 9 ft vertical & 9 ft horizontal travel
 Optional Equipment: Travel car
 Input Power: 380 to 480 V, 3 phase, 50/60 Hz
 Pendant: Seven-function, push button
 Pendant for Travel Car: Five-function, push button
 Weight: 4299 lb (1950 kg) without travel car



RDA MD 12X12 NA

Capacity: 441 lb (200 kg) with 12 ft vertical & 12 ft horizontal travel
 Optional Equipment: Travel car
 Input Power: 380 to 480 V, 3 phase, 50/60 Hz
 Pendant: Seven-function, push button
 Pendant for Travel Car: Five-function, push button
 Weight: 6614 lb (3000 kg) without travel car



RDA HD 16X16 NA

Capacity: 926 lb (420 kg) with 16 ft vertical & 16 ft horizontal travel
 Optional Equipment: Travel car
 Input Power: 380 to 480 V, 3 phase, 50/60 Hz
 Pendant: Seven-function, push button
 Pendant for Travel Car: Five-function, push button
 Weight: 12,125 lb (5500 kg) without travel car





Conventional Turning Rolls

RDA CR5 NA 5 ton set

Set Load Carrying Capacity: 5 ton
Drive Rotational Capacity: 7.5 ton
Min Vessel Diameter: 7.9 in (200 mm) @ 80° included angle
Max Vessel Diameter: 137.8 in (3500 mm) @ 50° included angle
Wheel Type, Diameter & Size: Rubber, 15 in x 3 in
Rotation Speed: 5.5 to 59.1 IPM (140 to 1500 mm/min)
AC Rotation Drive Motors: 1 x 0.55 kW with forced cooling
Input Power: 110 V, 1 phase, 60 Hz
Pendant: Five-function, push button, 50 ft Cable
Weight: Drive 1301 lb (590 kg) Idler 1036 lb (470 kg)



RDA CR10 NA 10 ton set

Set Load Carrying Capacity: 10 ton
Drive Rotational Capacity: 15 ton
Min Vessel Diameter: 13.8 in (350 mm) @ 80° included angle
Max Vessel Diameter: 196.9 in (5000 mm) @ 50° included angle
Wheel Type, Diameter & Size: Polyurethane, 15 in x 3 in
Rotation Speed: 5.5 to 55.1 IPM (140 to 1400 mm/min)
AC Rotation Drive Motors: 2 x 0.55 kW with forced cooling
Input Power: 110 V, 1 phase, 60 Hz
Pendant: Five-function, push button, 50 ft Cable
Weight: Drive 1488 lb (675 kg) Idler 882 lb (400 kg)



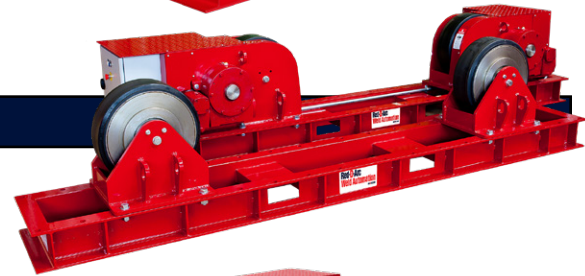
RDA CR20 NA20 ton set

Set Load Carrying Capacity: 20 ton
Drive Rotational Capacity: 30 ton
Min Vessel Diameter: 13.8 in (350 mm) @ 80° included angle
Max Vessel Diameter: 196.9 in (5000 mm) @ 50° included angle
Wheel Type, Diameter & Size: Polyurethane, 15 in x 5 in
Rotation Speed: 5.5 to 55.1 IPM (140 to 1400 mm/min)
AC Rotation Drive Motors: 2 x 0.75 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 50 ft Cable
Weight: Drive 1654 lb (750 kg) Idler 1102 lb (500 kg)



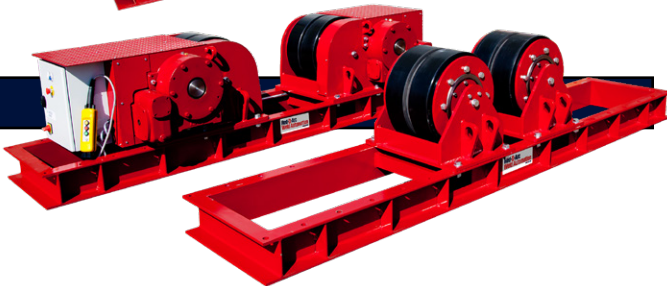
RDA CR30 NA30 ton set

Set Load Carrying Capacity: 30 ton
Drive Rotational Capacity: 45 ton
Min Vessel Diameter: 22.4 in (570 mm) @ 80° included angle
Max Vessel Diameter: 267.7 in (6800 mm) @ 50° included angle
Wheel Type, Diameter & Size: Polyurethane, 20.5 in x 7 in
Rotation Speed: 5.1 to 51.1 IPM (130 to 1300 mm/min)
AC Rotation Drive Motors: 2 x 1.1 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 50 ft Cable
Weight: Drive 3362 lb (1525 kg) Idler 2116 lb (960 kg)



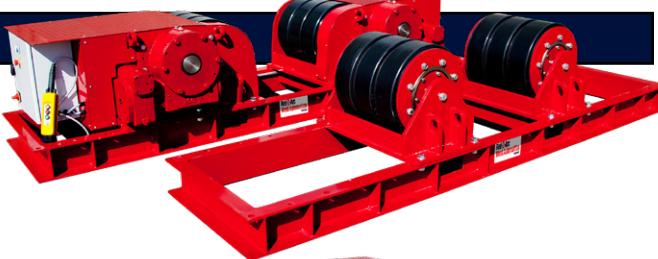
RDA CR60 NA60 ton set

Set Load Carrying Capacity: 60 ton
Drive Rotational Capacity: 90 ton
Min Vessel Diameter: 22.4 in (570 mm) @ 80° included angle
Max Vessel Diameter: 267.7 in (6800 mm) @ 50° included angle
Wheel Type, Diameter & Size: Polyurethane, 20.5 in x 14 in
Rotation Speed: 5.1 to 51.1 IPM (130 to 1300 mm/min)
AC Rotation Drive Motors: 2 x 1.5 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 100 ft Cable
Weight: Drive 4520 lb (2050 kg), Idler 2756 lb (1250 kg)



RDA CR100 NA 100 ton set

Set Load Carrying Capacity: 100 ton
Drive Rotational Capacity: 150 ton
Min Vessel Diameter: 22.4 in (570 mm) @ 80° included angle
Max Vessel Diameter: 267.7 in (6800 mm) @ 50° included angle
Wheel Type, Diameter & Size: Polyurethane, 20.5 in x 21 in
Rotation Speed: 5.1 to 51.1 IPM (130 to 1300 mm/min)
AC Rotation Drive Motors: 2 x 2.2 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 100 ft Cable
Weight: Drive 6173 lb (2800 kg) Idler 3528 lb (1600 kg)



RDA CR125 NA 125 ton set

Set Load Carrying Capacity: 125 ton
Drive Rotational Capacity: 200 ton
Min Vessel Diameter: 22.4 in (570 mm) @ 80° included angle
Max Vessel Diameter: 267.7 in (6800 mm) @ 50° included angle
Wheel Type, Diameter & Size: Polyurethane, 20.5 in x 28 in
Rotation Speed: 5.1 to 51.1 IPM (130 to 1300 mm/min)
AC Rotation Drive Motors: 2 x 3.0 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 100 ft Cable
Weight: Drive 7716 lb (3500 kg) Idler 4762 lb (2160 kg)



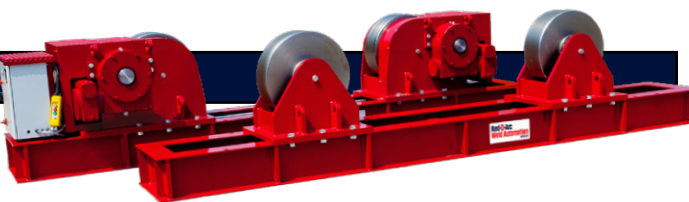
RDA CR200 NA 200 ton set

Set Load Carrying Capacity: 200 ton
Drive Rotational Capacity: 200 ton
Min Vessel Diameter: 21.7 in (550 mm) @ 80° included angle
Max Vessel Diameter: 255.9 in (6500 mm) @ 50° included angle
Wheel Type, Diameter & Size: Polyurethane, 22 in x 27 in
Rotation Speed: 5.9 to 59.1 IPM (150 to 1500 mm/min)
AC Rotation Drive Motors: 2 x 4.0 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 100 ft Cable
Weight: Drive 8818 lb (4000 kg) Idler 6614 lb (3000 kg)



RDA CR200-S NA 200 ton set, steel wheels

Set Load Carrying Capacity: 200 ton
Drive Rotational Capacity: 200 ton
Min Vessel Diameter: 21.7 in (550 mm) @ 80° included angle
Max Vessel Diameter: 255.9 in (6500 mm) @ 50° included angle
Wheel Type, Diameter & Size: Steel, 23.6 in x 6.9 in (600 mm x 175 mm)
Rotation Speed: 5.9 to 59.1 IPM (150 to 1500 mm/min)
AC Rotation Drive Motors: 2 x 4.0 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 100 ft Cable
Weight: Drive 6614 lb (3000 kg) Idler 4189 lb (1900 kg)



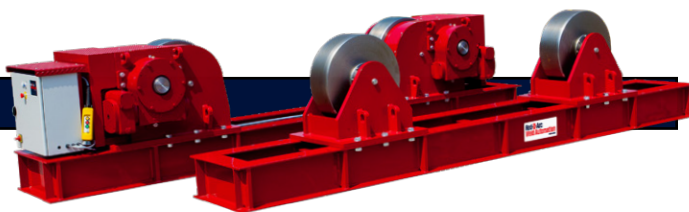
RDA CR300 NA 300 ton set

Set Load Carrying Capacity: 300 ton
Drive Rotational Capacity: 300 ton
Min Vessel Diameter: 31.5 in (800 mm) @ 80° included angle
Max Vessel Diameter: 295.3 in (7500 mm) @ 50° included angle
Wheel Type, Diameter & Size: Polyurethane, 34 in x 16 in
Rotation Speed: 3.9 to 39.4 IPM (100 to 1000 mm/min)
AC Rotation Drive Motors: 2 x 5.5 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 100 ft Cable
Weight: Drive 13,779 lb (6250 kg) Idler 9921 lb (4500 kg)



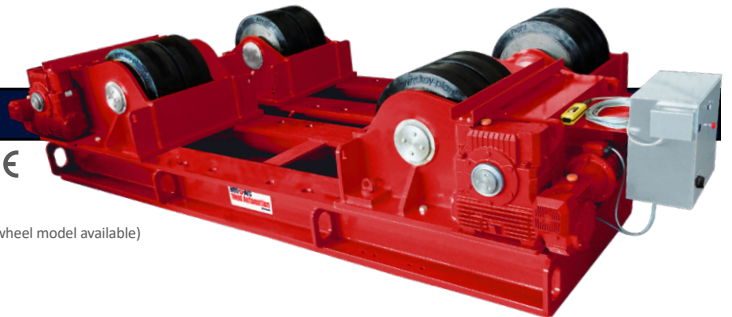
RDA CR300-S NA 300 ton set, steel wheels

Set Load Carrying Capacity: 300 ton
Drive Rotational Capacity: 300 ton
Min Vessel Diameter: 31.5 in (800 mm) @ 80° included angle
Max Vessel Diameter: 295.3 in (7500 mm) @ 50° included angle
Wheel Type, Diameter & Size: Steel, 27.6 in x 9.1 in (700 mm x 230 mm)
Rotation Speed: 3.9 to 41.3 IPM (100 to 1050 mm/min)
AC Rotation Drive Motors: 2 x 5.5 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 100 ft Cable
Weight: Drive 9921 lb (4500 kg) Idler 7055 lb (3200 kg)



RDA CR500 NA 500 ton set

Set Load Carrying Capacity: 500 ton
Drive Rotational Capacity: 500 ton
Min Vessel Diameter: 49.2 in (1250 mm) @ 80° included angle
Max Vessel Diameter: 275.6 in (7000 mm) @ 50° included angle
Wheel Type, Diameter & Size: Polyurethane, 33.9 in x 27 in (860 mm x 686 mm) (optional steel wheel model available)
Rotation Speed: 3.9 to 41.3 IPM (100 to 1050 mm/min)
AC Rotation Drive Motors: 2 x 7.5 kW with forced cooling
Input Power: 380 to 480 V, 3 phase, 50/60 Hz
Pendant: Five-function, push button, 100 ft Cable
Weight: Drive 30,865 lb (14,000 kg) Idler 26,456 lb (12,000 kg)



Specialty Turning Rolls



Traversing Elevating (TE) Turning Rolls



Self Aligning (SA) Turning Rolls



Anti-Drift Systems (ADS)

RDA GLS300 NA Fit Up Bed (FUB) Turning Rolls



Modular Fit Up Bed for Thin Wall Cans (MFUB-TW)

RDA AHVP15-4 NA 1500 lb Positioner, adjustable height

Capacity:	1500 lb (700 kg)
Input Power:	110 V, 1 phase, 60 Hz
Table Rotation Speed:	0.1 to 2.0 RPM
Tilt Range:	135° forward tilt in 30 seconds, electric
Fixed Table Height:	25.6 in, 29.5 in, 33.5 in (650 mm, 750 mm, 850 mm)
Pivot Height Settings:	21.7 in, 25.6 in, 29.5 in (550 mm, 650 mm, 750 mm)
Table Diameter:	23.6 in (600 mm) with 4 x 0.59 in (15 mm) slots
Weight:	1102 lb (500 kg)



RDA AHVP30-6 NA 3000 lb Positioner, adjustable height

Capacity:	3000 lb (1.5 tonne)
Input Power:	380 to 480 V, 3 phase, 50/60 Hz
Table Rotation Speed:	0.07 to 1.4 RPM
Tilt Range:	135° forward tilt in 30 seconds, electric
Fixed Table Height:	33.5 in, 39.4 in, 45.3 in (850 mm, 1000 mm, 1150 mm)
Pivot Height Settings:	28.5 in, 34.5 in, 40.4 in (725 mm, 875 mm, 1025 mm)
Table Diameter:	36.2 in (920 mm) with 6 x 0.748 in (19 mm) slots
Weight:	1984 lb (900 kg) POWERED ELEVATION MODEL AVAILABLE



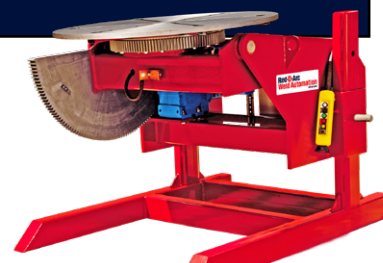
RDA AHVP60-6 NA 6000 lb Positioner, adjustable height

Capacity:	6000 lb (3.0 tonne)
Input Power:	380 to 480 V, 3 phase, 50/60 Hz
Table Rotation Speed:	0.07 to 1.0 RPM
Tilt Range:	135° forward tilt in 40 seconds, electric
Fixed Table Height:	41.3 in, 49.2 in, 57.1 in (1050 mm, 1250 mm, 1450 mm)
Pivot Height Settings:	36.4 in, 44.3 in, 52.2 in (925 mm, 1125 mm, 1325 mm)
Table Diameter:	48.0 in (1220 mm) with 6 x 0.9 in (23 mm) slots
Weight:	3241 lb (1470 kg) POWERED ELEVATION MODEL AVAILABLE



RDA AHVP100-6 NA 10,000 lb Positioner, adjustable height

Capacity:	10,000 lb (5.0 tonne)
Input Power:	380 to 480 V, 3 phase, 50/60 Hz
Table Rotation Speed:	0.07 to 1.0 RPM
Tilt Range:	135° forward tilt in 60 seconds, electric
Fixed Table Height:	47.2 in, 59.1 in, 70.9 in (1200 mm, 1500 mm, 1800 mm)
Pivot Height Settings:	40.7 in, 52.6 in, 64.4 in (1035 mm, 1335 mm, 1635 mm)
Table Diameter:	55.1 in (1400 mm) with 6 x 0.9 in (23 mm) slots
Weight:	6063 lb (2750 kg)



Pipe Supports

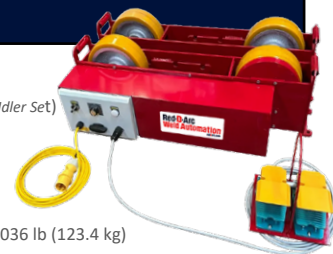
Product Line Ranges

Capacity:	4000 - 15,000 lbs (1814 - 6803 kg)
Pipe Diameter:	2 - 80 in (50 - 2000 mm)
Operational Height:	24 - 63 in (610 - 1600 mm)



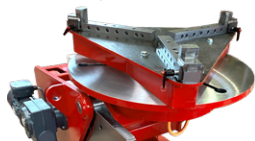
Drive & Idler Set

Capacity:	3000 lb (1.5 tonne)
Rotation Capacity:	6000 lb (3 tonne) (1 Drive & 1 Idler Set)
Min Vessel Diameter:	3.9 in (100 mm)
Max Vessel Diameter:	55.1 in (1400 mm)
Wheel Type, Diameter & Size:	Polyurethane, 3 in x 10 in
Rotation Speed:	0-5 RPM
Input Power:	110 or 240 V
Weight:	Drive 189.6 lb (86 kg) Idler 1036 lb (123.4 kg)



Gripper Chucks

Clamping Range:	38 mm - 1581 mm (1.5 in - 62.25 in) (outside)
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Benchtop Positioners

Horizontal Load Capacity:	551 lb (250 kg)
Vertical Load Capacity:	330 lb (150 kg)
Input Power:	110/240 VAC, 1 phase, 50/60 Hz
Table Rotation Speed:	0.3 to 5.0 RPM
Tilt Range:	0 - 135° forward tilt, hand crank
Table Diameter:	13.7 in (350 mm)
Weight:	110 lb (50 kg)

