

► Metal

Roto-Star

Roto-Star I and Roto-Star III rotary welding positioners

Achieve seamless welds and increase productivity with the Roto-Star I and Roto-Star III. The Roto-Star weld positioners are designed to not only provide a stable work platform, but also allow for achieving cleaner, stronger welds. The heavy-duty construction supports works pieces up to 200 lbs [90 kg] and Ø 1-1/2 in [38 mm] on the Roto-Star I and 250 lbs [113 kg] and Ø 2-1/2 in

[64 mm] on the Roto-Star III. The optional foot pedal with control box allows for hands free operation and can be easily added to either the Roto-Star I or the Roto-Star III. Work comfortably and more efficiently with a work head that can be adjusted from 0° to 90° in 15° increments to accommodate any work piece.

Roto-Star with faceplate

Technical Data		
Model	ROTO-STAR I - P	ROTO-STAR III - P
Chuck	-	-
Swing at 0°	16 in [400 mm]	20 in [500 mm]
Vertical weight capacity	200 lbs [90 kg]	250 lbs [113 kg]
Horizontal weight capacity	100 lbs [45 kg]	150 lbs [68 kg]
Thru spindle part capacity	-	-
Spindle Rotation	360°	360°
Spindle speed	0 to 10 RPM	0 to 8 RPM
Angle adjustment	0 to 90°	0 to 90°
Grounding capacity	300A	300A
Voltage	120v	120v
Shipping weight	45 lbs [20 kg]	65 lbs [29 kg]
Fixed rotary table	12 in [300 mm]	16 in [400 mm]
Order #'s		
Positioner with chuck	31343790090	31343790210
Positioner with variable speed foot pedal and control box	31343790120	31343790250



Roto-Star with chuck

Technical Data		
Model	ROTO-STAR I	ROTO-STAR III
Chuck	6 in [150 mm]	8 in [200 mm]
Swing at 0°	16 in [400 mm]	20 in [500 mm]
Vertical weight capacity	200 lbs [90 kg]	250 lbs [113 kg]
Horizontal weight capacity	100 lbs [45 kg]	150 lbs [68 kg]
Thru spindle part capacity	1-1/2 in [38 mm] diameter	2-1/2 in [64 mm] diameter
Spindle Rotation	360°	360°
Spindle speed	0 to 10 RPM	0 to 8 RPM
Angle adjustment	0 to 90°	0 to 90°
Grounding capacity	300A	300A
Voltage	120v	120v
Shipping weight	60 lbs [27 kg]	90 lbs [41 kg]
Optional rotary table	12 in [300 mm] diameter	16 in [400 mm] diameter
Order #'s		
Positioner with chuck	31343790030	31343790140
Positioner with variable speed foot pedal and control box	31343790130	31343790260

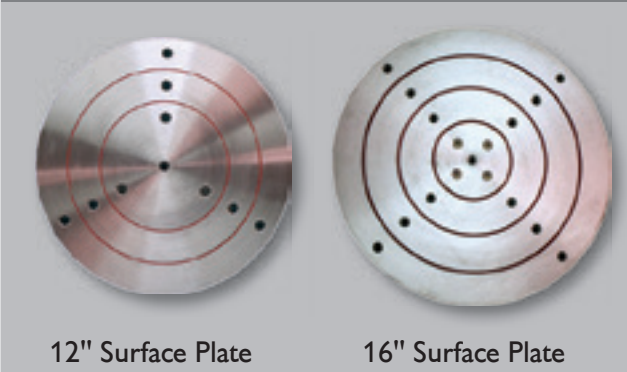


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Surface Plates



12" Surface Plate

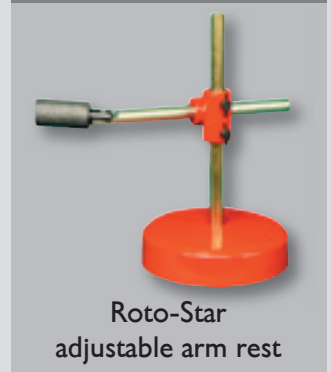
16" Surface Plate

Foot Pedal



Variable speed
foot pedal

Arm Rest



Roto-Star
adjustable arm rest

Roller assembly



Idler roller assembly

Purge Plug



Roto-Star I purge
plug

Purge Plug



Roto-Star III
purge plug

Accessories	
Order #	Description
31343710010	12 in [300 mm] surface plate for Roto-Star I with chuck
31343710030	16 in [400 mm] surface plate for Roto-Star III with chuck
31343710060	Roto-Star adjustable arm rest
31343751050	Variable speed foot pedal with control box
31343710090	Roto-Star I purge plug
31343710100	Roto-Star III purge plug
31343790010	Idler roller assembly

