

# ANNEX DUAL TRUNNION TURNTABLE

## AUTOMATED POSITIONERS



Renders are for reference only

### ANNEX DUAL TRUNNION TURNTABLE PART POSITIONER

Adaptable to a wide range of processes including welding, laser, material handling, grinding, and cutting, the Lincoln Electric Automation ANNEX™ robotic positioners provide an unparalleled user-friendly experience for robotic positioning applications. The ANNEX positioners can either be robotically or servo controlled.

#### KEY FEATURES

- Combines a slim design with dual headstock/tailstock positioners for heavy tooling and part configurations
- Accommodates a variety of tool bed lengths with custom options available
- Weld-ground isolation helps reduce risk of electrical damage to the positioner or robot controller
- Easy integration with most components and major robot manufacturers including FANUC®, ABB®, Yaskawa®, KUKA®, and Kawasaki®
- Built for continuous performance in demanding applications
- Designed for maximum static and dynamic stiffness to help reduce air-cut speeds
- Overhead power connection

#### BENEFITS

- Primary axis sweep of 180°
- Simplified cable management
- Multiple supplier options
- Optimal load heights for improved tool maintenance access
- ANSI/RIA safety compliant

#### INDUSTRIES

- Automotive
- Transportation
- General

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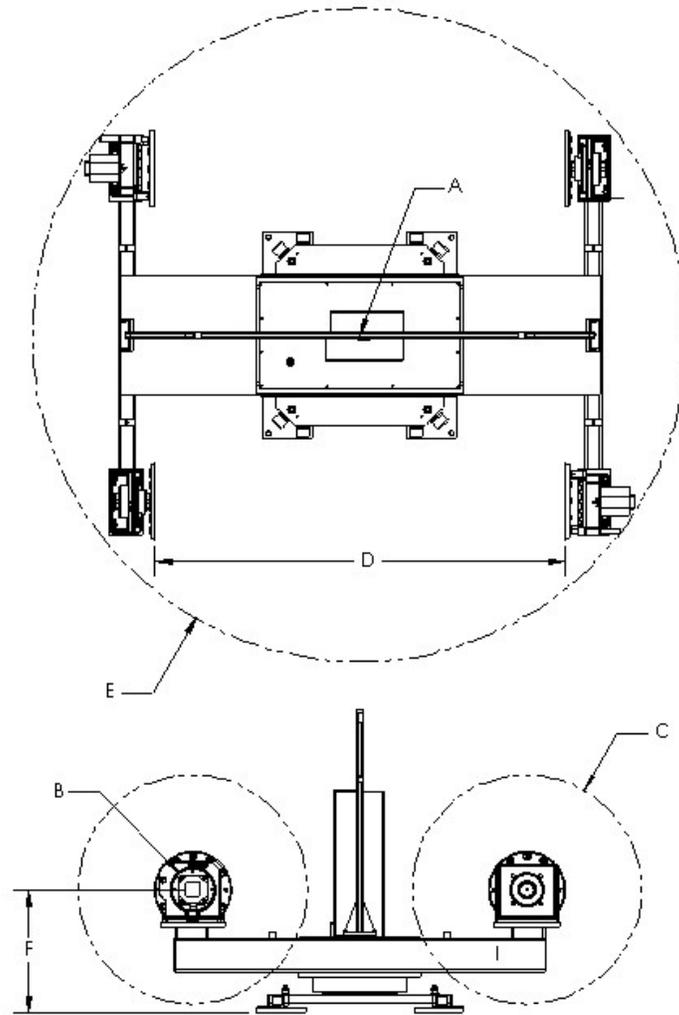


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Publication LEA-042523TM1-04

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## PRODUCT SPECIFICATIONS

Product Number	Model	180° Sweep Time - Primary Axis (A)	180° Sweep Time - Satellite Axis (B)	Max Tool Swing Diameter (C)	Tool Bed Length (D)	Sweep Diameter (E)	Riser Height (F)	Max Payload Per Axis	
AD2526	4516-TT2T	2.50 - 3.50 sec	2.00 sec	1.40 m	1.50 m	3.76 m	750 mm or 900 mm	500 kg	
		3.00 - 3.50 sec			2.00 m	3.99 m			
	9016-TT2T	3.00 - 4.00 sec			2.00 m	3.99 m			1,000 kg
		3.50 - 4.00 sec			2.50 m	4.26 m			
		3.50 sec			3.00 m	4.57 m			
	9B32-TT2T	4.00 - 5.00 sec				2.00 m		3.99 m	1,818 kg
						2.50 m		4.26 m	
						3.00 m		4.57 m	
	Custom	Based on Customer Specifications							

**Important Note:** Changes from recommended motor sizing, payload, duty cycles, cable routing, weld grounding (if applicable), other system specifications (i.e. servo parameters, controller stop parameter) and/or modifications may affect cycle times and overall performance. User assumes all responsibility for proper rigging, installation and machine setting alignments of product(s). Manufacturer's warranty is void to the extent any failure caused by improper installation, modification or operation by customer.

### CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation or application. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

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