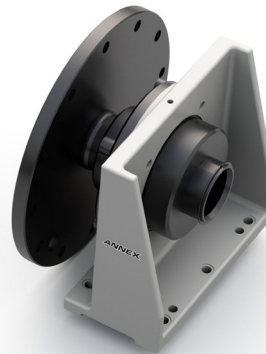


ANNEX HEADSTOCK/TAILSTOCK

AUTOMATED POSITIONERS



Renders are for reference only

ANNEX HEADSTOCK/TAILSTOCK 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

- Nabtesco inline gearbox – headstock
- Frame & input gear machined for motor-specific mounting – headstock
- Pillow block bearing with through-bore spindle – tailstock
- Solid steel frame – both headstock and tailstock
- Easy integration with most major robot manufacturers including FANUC®, ABB®, Yaskawa®, KUKA®, and Kawasaki®

BENEFITS

- More consistent weld quality
- Simplified cable management
- Ease of installation
- Seamless re-deployment
- Compact footprint
- Experienced customer service and technical expertise
- ANSI/RIA safety compliant

OPTIONS AVAILABLE

- Fabricated steel riser(s)
- Fabricated trunnion base
- Ground brush assembly – tailstock only

INDUSTRY

- Robotic Automation Markets

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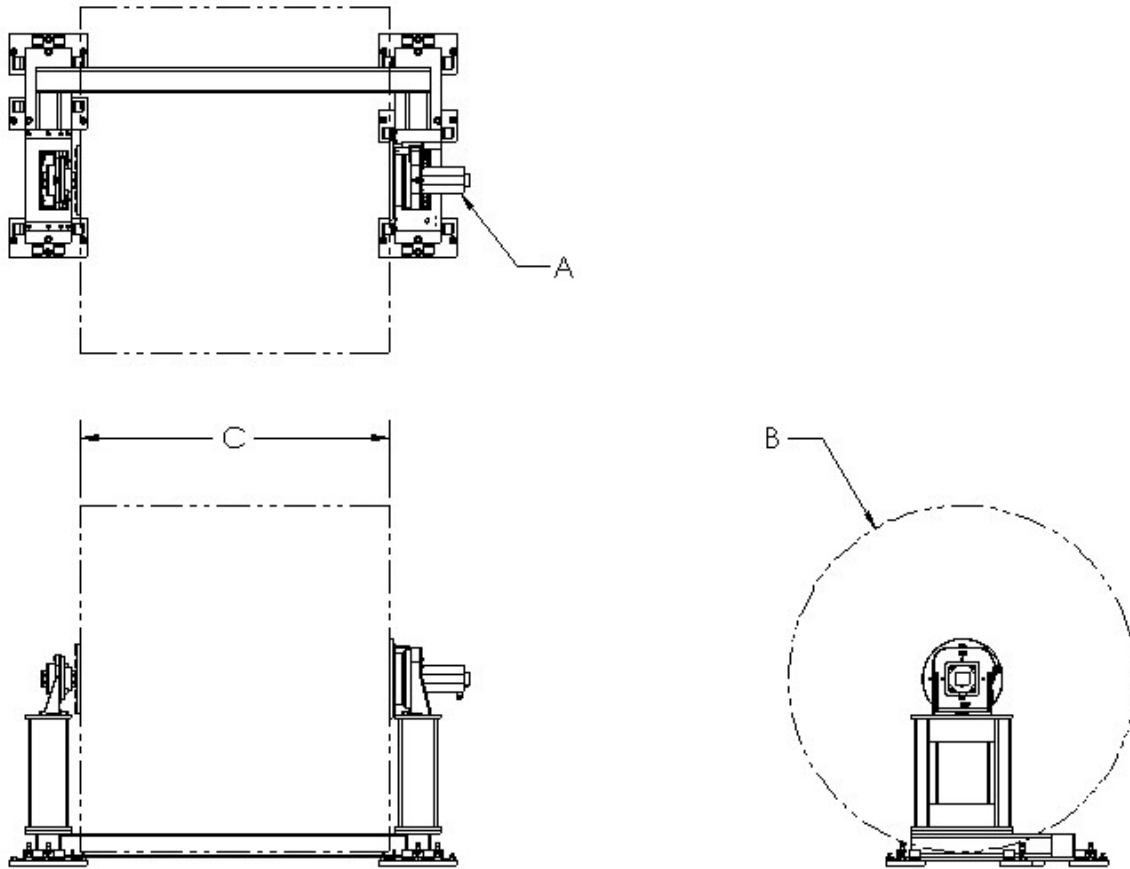


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PRODUCT SPECIFICATIONS

Product Number	Model	180° Sweep Time [A]	Max Tool Diameter [B]	Tool Bed Length [C]	Max Payload
AD2482-1	16HSTS	2.00 sec	1.50 m	Based on Customer Requirements	1000 kg
		3.00 sec	2.25 m		1100 kg
	32HSTS	2.00 sec	1.80 m		1900 kg
		3.00 sec	2.70 m		
	45HSTS	2.50 sec	2.40 m		2500 kg
		3.00 sec			5000 kg
		3.00 sec	2.50 m		5500 kg
	90HSTS	3.00 sec	2.80 m		6700 kg
		3.50 sec	3.15 m		
		4.50 sec	3.70 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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