

ANNEX COMPACT FERRIS WHEEL

AUTOMATED POSITIONERS



Renders are for reference only

ANNEX COMPACT FERRIS WHEEL 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 gearboxes
- Pillow block bearings and spindles
- High capacity rotary grounds on each minor axis
- Motors and cables enclosed within steel frame structure

OPTIONS AVAILABLE

- Shot pin
- Double bearing addition to the minor axes when removable tooling is needed

BENEFITS

- Compact headstock and tailstock boxes to minimize footprint
- Standard rating for unbalanced loading across minor axes
- Standard rating at major axis for load shock absorbing
- Configurable tool bed, tool swing, and weight capacity
- Removable maintenance covers for access
- Easy integration with most major robot manufacturers including FANUC®, ABB®, Yaskawa®, Kuka®, and Kawasaki®

INDUSTRY

- General Fabrication
- Heavy Fabrication
- Automotive/Transportation

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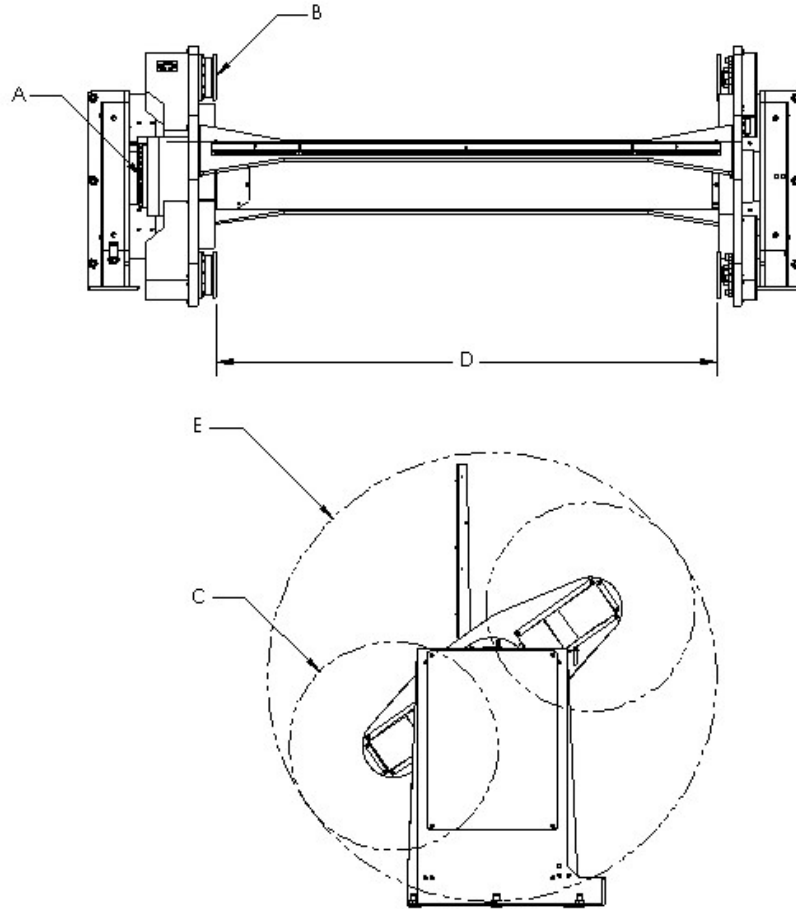


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PRODUCT SPECIFICATIONS

| Product Number | Model | 180° Sweep Time - Primary Axis (A) | 180° Sweep Time - Satellite Axis (B) | Maximum Tool Diameter (C) | Tool Bed Length (D) | Maximum Unbalanced Load | Maximum Payload |
|----------------|----------------------------------|------------------------------------|--------------------------------------|---------------------------|---------------------|-------------------------|-----------------|
| AD2487-1 | FW1500 | 3.50 sec | 3.50 sec | 1.00 m | 2.00 m | 125 kg | 1,500 kg |
| | | | | 1.25 m | | | |
| | | | | 1.50 m* | | | |
| | | | | 1.00 m | 2.50 m | | |
| | | | | 1.25 m | | | |
| | | | | 1.50 m* | | | |
| | | | | 1.00 m | 3.00 m | | |
| | | | | 1.25 m | | | |
| | | | | 1.50 m* | | | |
| Custom | Based on Customer Specifications | | | | | | |

*Operator ergonomics must be taken into consideration. D-shaped sweep profile may be required.

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

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