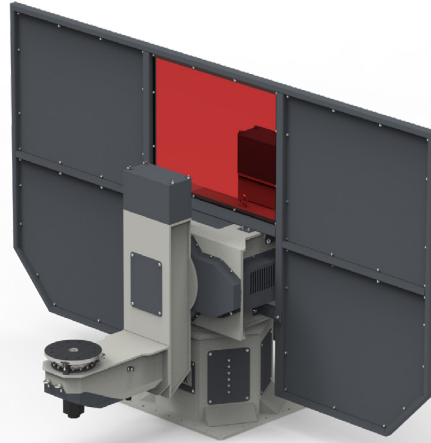


SPN-LL 500

5 AXES 2 STATION POSITIONER

5 axis double L-type positioner with a counter weight tilt axis placed on a rotating center. Suitable for light and medium payloads.



Specifications

- The SPN-LL-500 is built up with our modular system. It has 2 fixture positions and are suitable for payloads up to 500 kg.
- We are using state of art reduction gearboxes, X bearings and gear solutions.
- The positioner is designed for rigidity, with high strength welded steel structure.
- There are several options available.

Available options

- Ground bushing with sliding copper blocks.
- Ground cables connected to a connection point at positioner base.
- Swivel unit, for air and signals.
(not servo motor signals)
- Home/safe position sensor.
- Servo motor integration.
- Special color of paint.

Technical Data

SPN-LL-500

ROTATION AXIS

Max. Payload (m)	kg	500
		800
Fixture Diameter (D_R)	mm	1.200
		1.600
		2.000
Max. Tilting Moment	Nm	3.000
Max. Speed	rpm	20
	degree/s	120
Index Time	s/180 degree	2
Allowable Inertia	kgm ²	250

TILT AXES

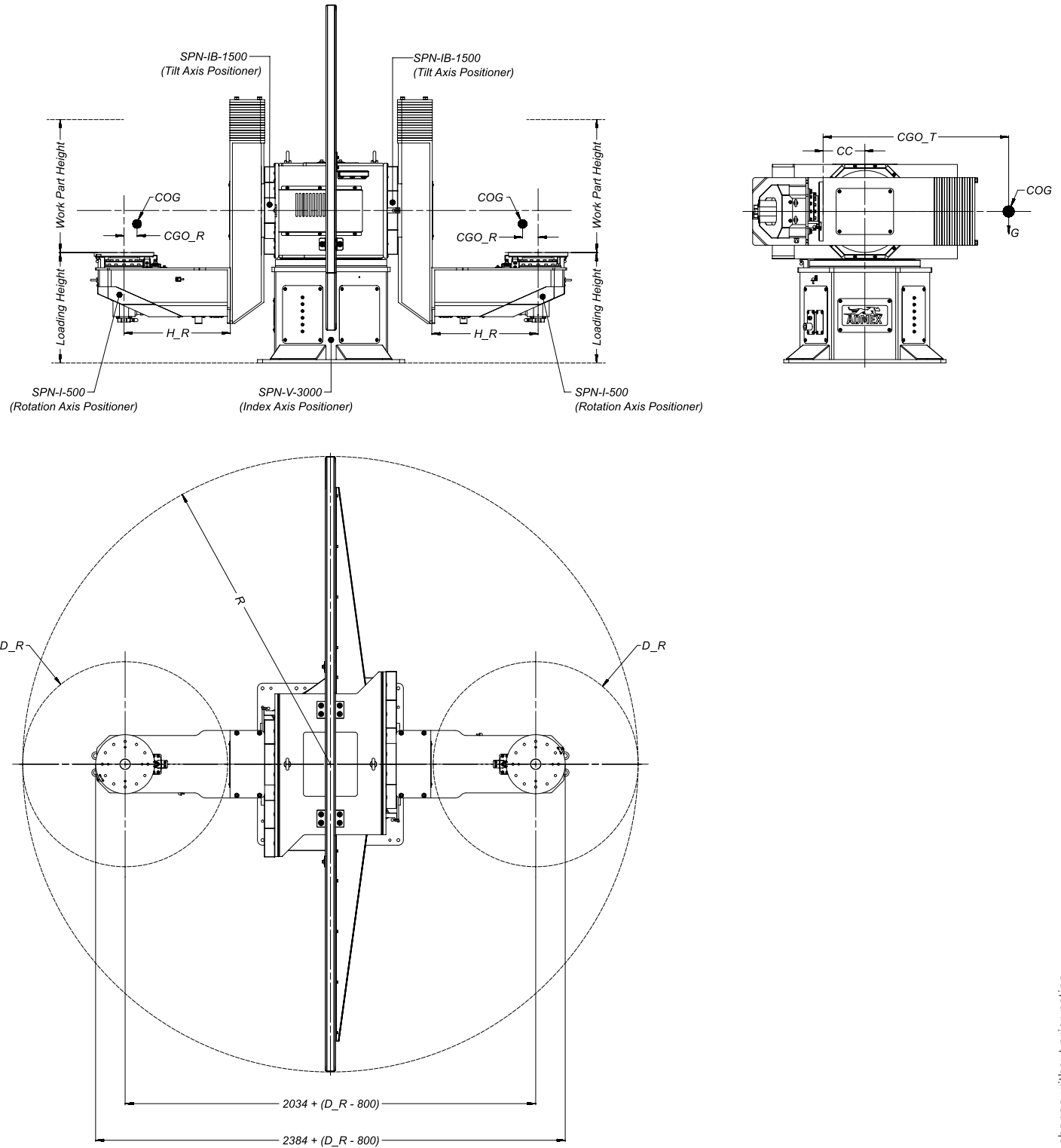
		SPN-IB-1500
Max. Payload (m)	kg	1.500
Max. Tilting Moment	Nm	13.500
Max. Speed	rpm	10
	degree/s	60
Index Time	s/180 degree	3,5
Allowable Inertia	kgm ²	1.750

INDEX AXES

		SPN-V-3000
Max. Payload (m)	kg	3.000
Max. Fixture Diameter (2 x R)	mm	4.500
Max. Tilting Moment	Nm	100.000
Max. Speed	rpm	8,6
	degree/s	51,6
Index Time	s/180 degree	4,5
Allowable Inertia	kgm ²	7.500

Please ask ADMEX in case center of gravity offset (CGO) graphs are needed for this model.

MS SERIES - SPN-LL 500, 5 Axes 2 Station Positioner



COG = Center of Gravity for Workpart + Fixture
 CGO_R = Center of Gravity Radial Offset
 CGO_T = Center of Gravity Tilt Offset
 CC = Center to Center Distance
 D_R = Rotation Axis Fixture Diameter
 $H_R = 400 + [(D_R - 800) / 2]$

Available Height for SPN-I-500
 $H(mm) = 400-600-800-1000$

Technical data is subject to change without prior notice.