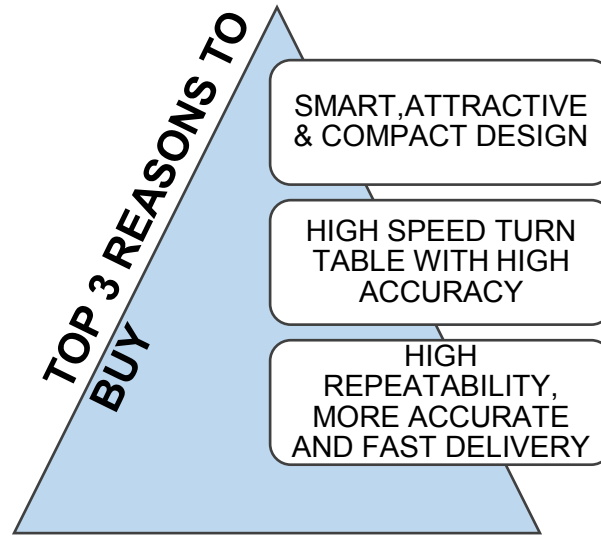


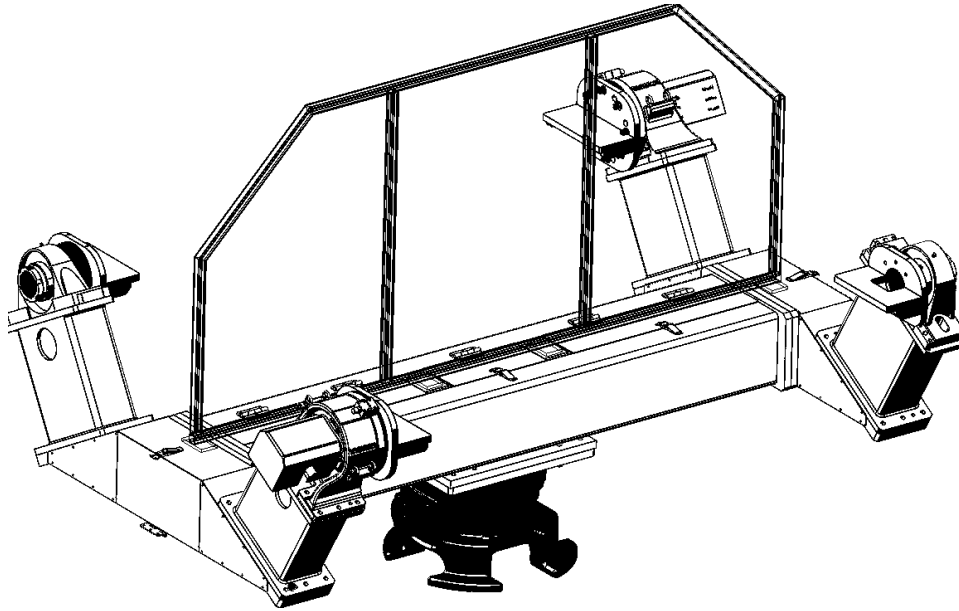
# YIND - Three Axis Smart Positioner



***“ For Robotics Welding Application – Standardized Proven Positioner Solution with Smart & Compact Design”***

The Positioners are optimized to be used for manipulating of work pieces in arc welding applications. The access can be fully coordinated with the robot when programming as well as during operation

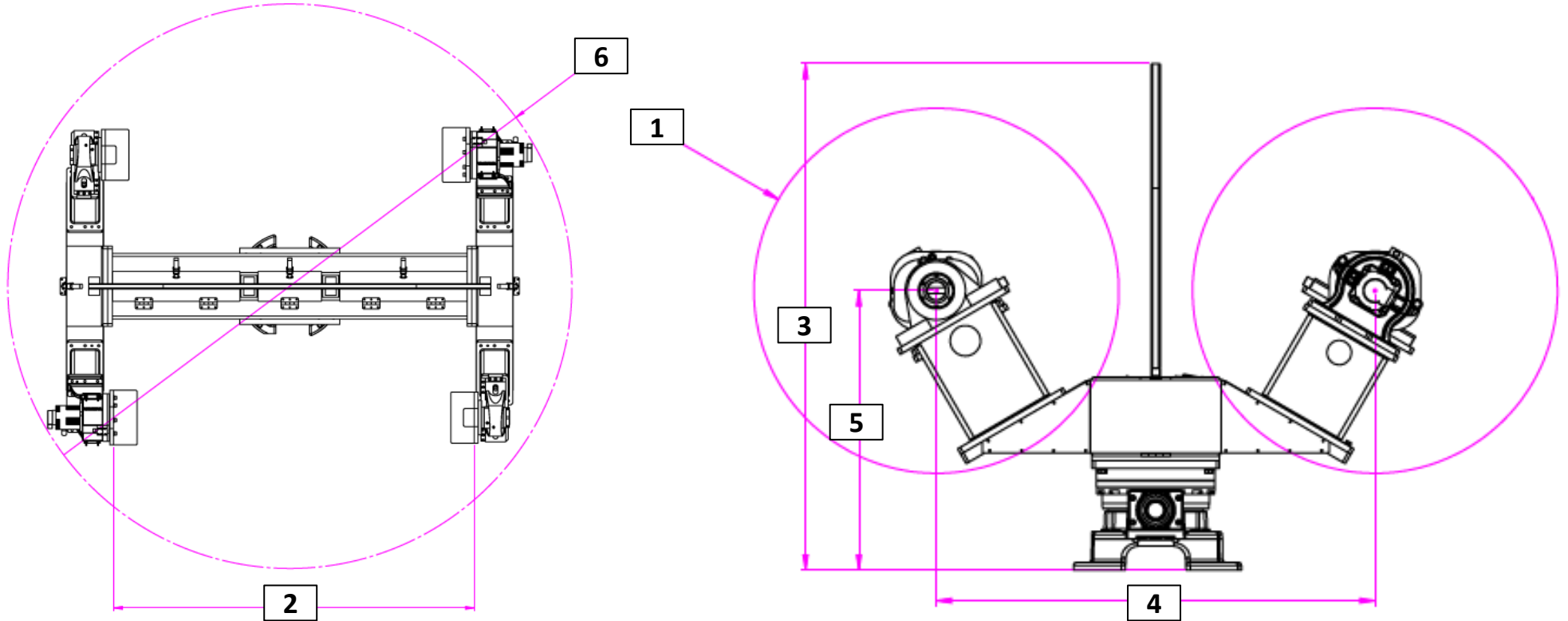
# Specification:



## Specification :

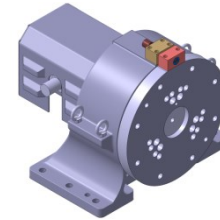
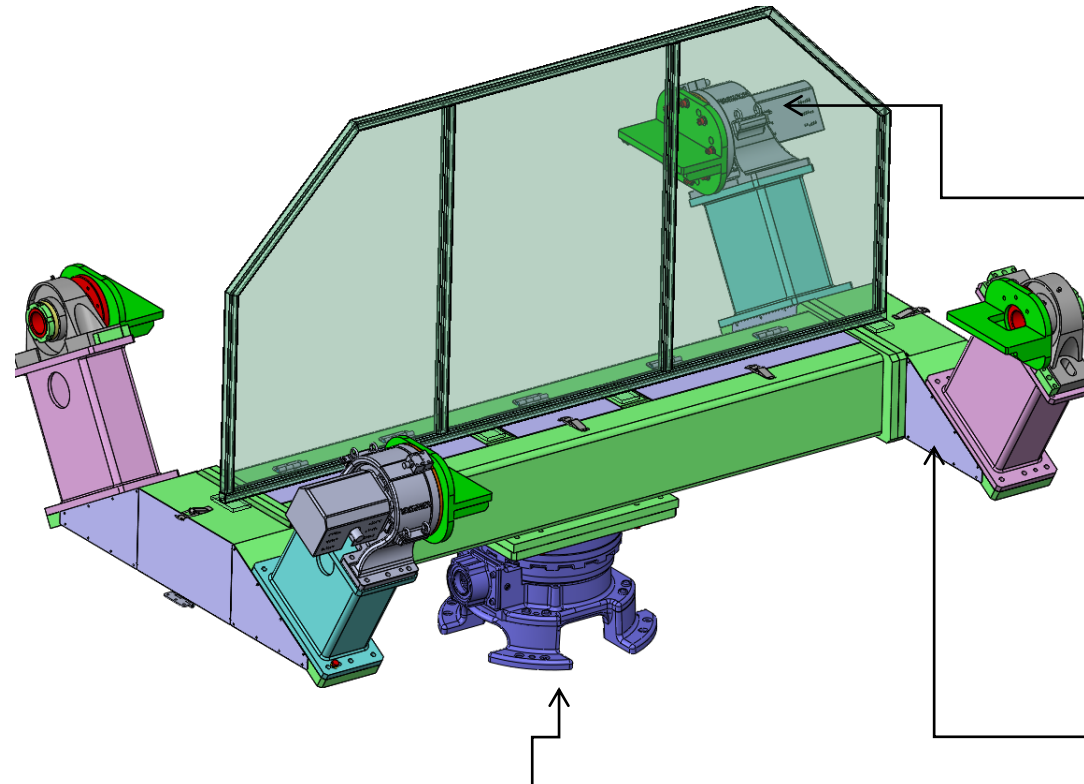
Variants	Y-500	Y-1000
Payload/side	200 KG	1000 KG
Turn Table Index time (0 - 180 Degree)	3.5 Seconds	4 Seconds
Maximum continous torque/Side	700Nm	900Nm
Maximum Load Difference between stations	250Kg	300Kg
Repeatability both sides (Fixture width 600 Max)	+/- 0.06 MM	+/- 0.06 MM
Maximum station/Fixture rotation speed	150 °/S	120 °/S
Maximum bending moment	3500 Nm	4900 Nm

# Measurements:



Dimensions:-	1	2	3	4	5	6
Y-500	1000	1600	1900	1323	950	3050
	1200	2000	1900	1442	1000	3200
Y-1000	1000	1600	1900	1323	950	3050
	1200	2000	1900	1442	1000	3200

# Design Highlights:

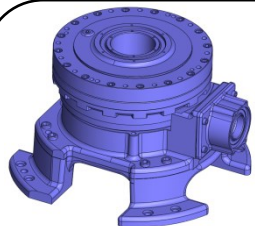


High Speed turning solution with Yaskawa Standard High Accurate Smart Headstock units.

- High Position Repeatability
- High Speed
- Smart & Compact Design with Casting Structure

Smart and compact design

- Easier customization
- High life span and robustness
- 300KG load difference B/W stations
- System layout can be reduced with Smart & Compact Design
- Loading height from 820 – 920 MM
- With Proper cable routing concepts

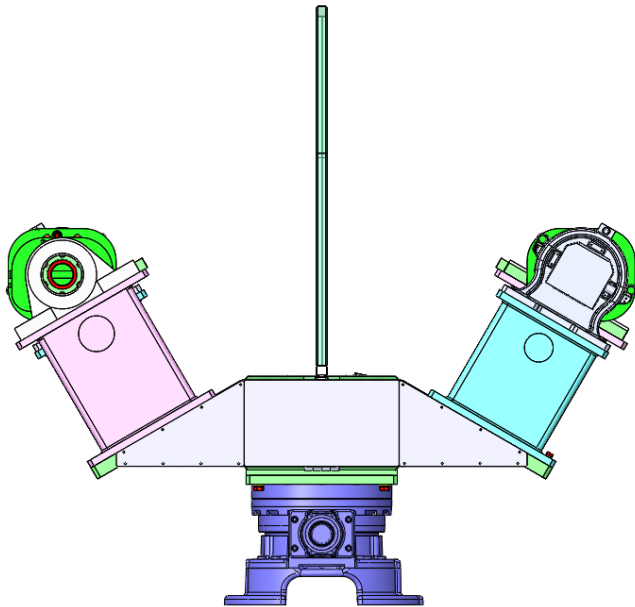


High Speed Low Backlash Gearbox As Turntable

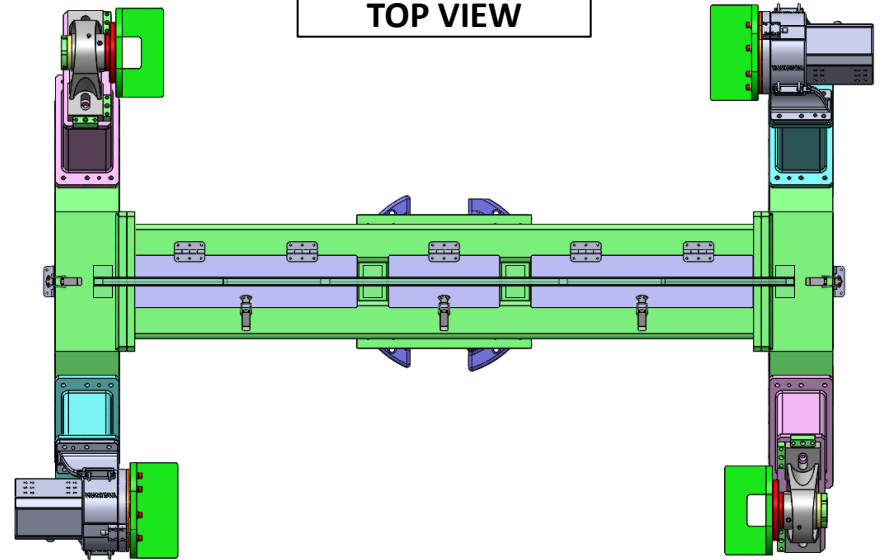
- Faster station interchange and positioning time axis by axis
- Decrease Weld to Weld time during station change

# Drawings:

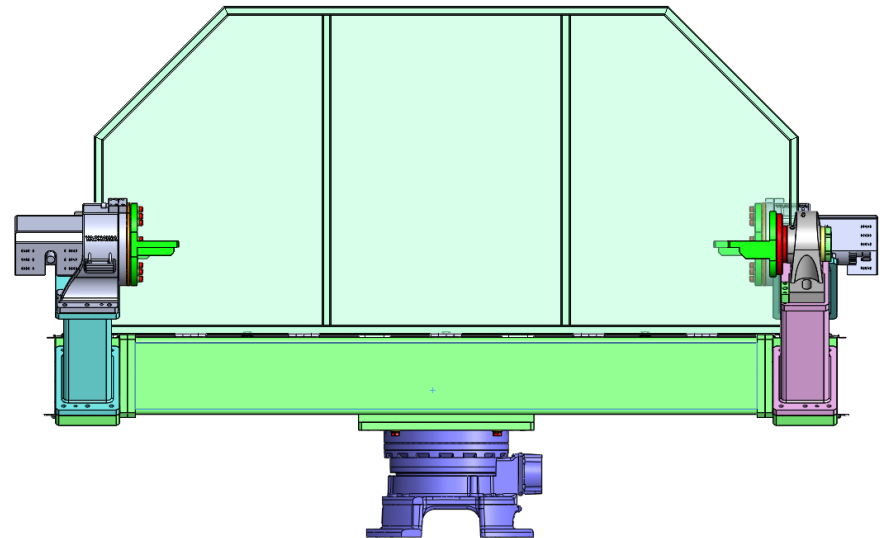
SIDE VIEW



TOP VIEW



FRONT VIEW



# THANK YOU... 😊

