



Load 300Kg

SF PA Series | Palletizing Robot

Model: SF300 - C3200 PA

The SF PA series is fast, accurate, and powerful CHAIFU industrial robots for pallet stacking on the market. A complete product portfolio obtains higher economic benefits, high precision, low cost, and very efficient productivity.

The SF PA series for palletizing, handling, and stamping industrial applications offers unparalleled productivity and high performance in the market, completing a wide range of complete solutions quickly and precisely, with a low deadweight design to reduce cycle times.

With its low cost and high productivity, the SF PA is the perfect choice to benefit from the efficiency of your plant by achieving a total capacity increase with fast and accurate output in a small space.

Applications



Handling



Machine Loading/Unloading



Distribution



**Assembly/
Subassembly**



Polishing



Picking/Packing



Stamping

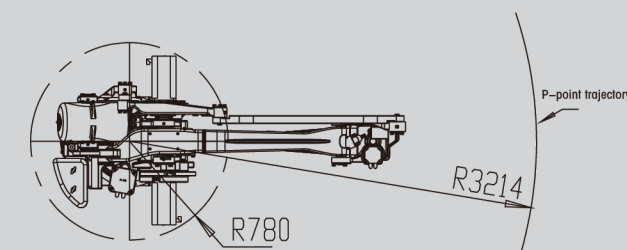
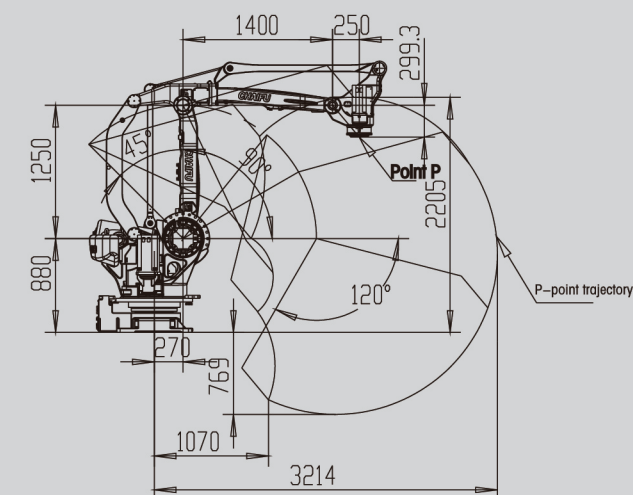


Palletizing

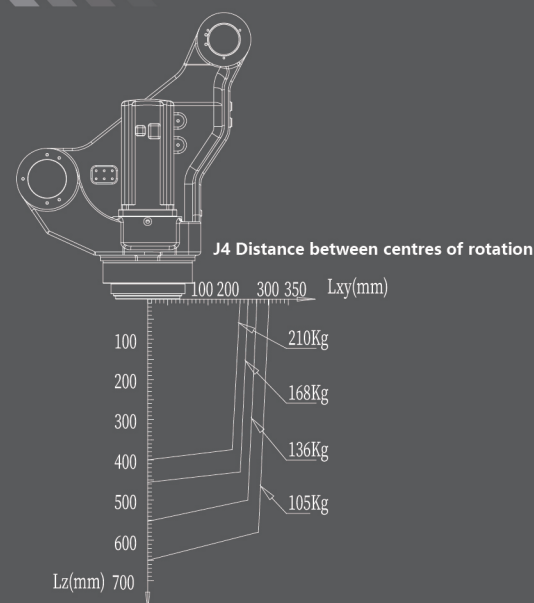
SF300-C3200 PA Data Overview

Model		SF300-C3200 PA
Structure		Vertically Articulated
Number of Axis		4
Radius		3200mm
Payload		300kg
Repeatability		±0.08mm
Drive Mode		AC Servo Motor
Maximum Speed	J1	90°/s
	J2	100°/s
	J3	100°/s
	J4	300°/s
	J5	/
	J6	/
Range of Motion	J1	+ 180
	J2	+44°/-80
	J3	+15.59°/-115°
	J4	±360°
	J2+J3	-155°≤J2+J3≤+25°
	J3-J2	-72°≤J3-J2≤67.5°
Protection Rating		IP 65, Wrist IP 67
Operating Conditions	Temp.	0-45°C
	Humidity	Below 95%RH
	Vibration	Below 4.9m/s2
	Other	Eliminate Signal Noise
Base Size		710*700mm
Height		2463mm
Weight		1950KG
Mounting Positions		Floor
Power Consumption		18.2kVA

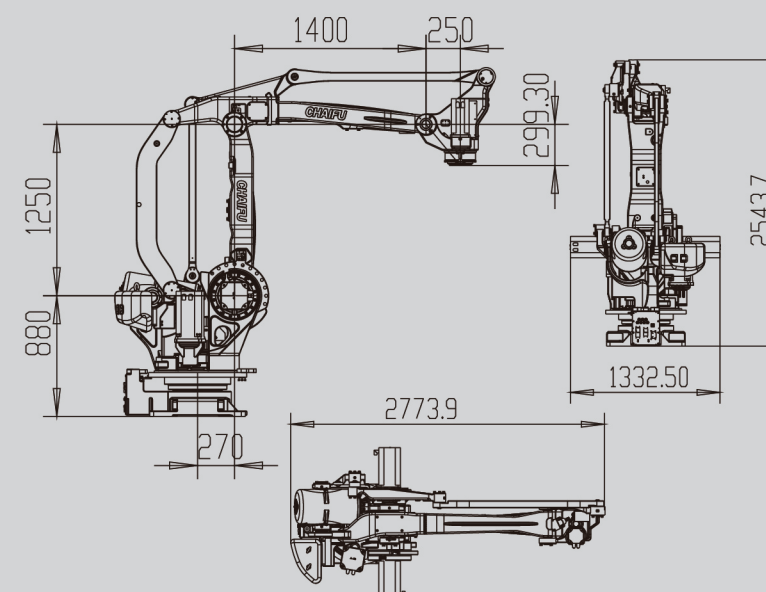
SF300-C3200 PA Range of Motion



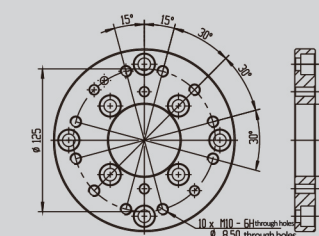
SF300-C3200 PA Wrist load torque chart



External & Installation Dimensions



A-Way Diagram (End Flange Mounting Dimensions)



B-Way Diagram (Base Mounting Dimensions)

