



Load 210Kg

SF PA Series | Palletizing Robot
Model: SF210 - K3200 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



Palletizing

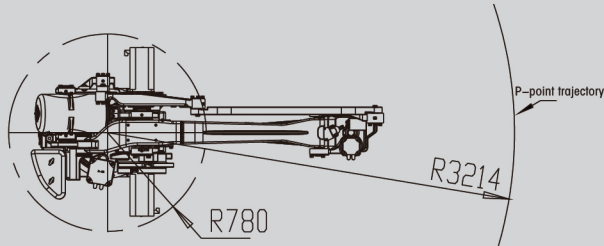
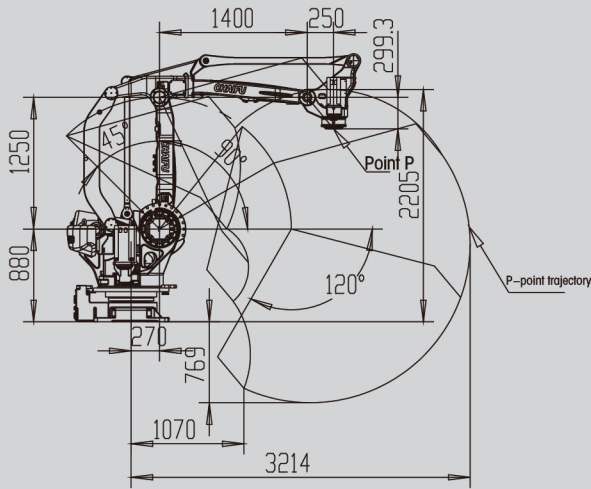
Handling

Stamping

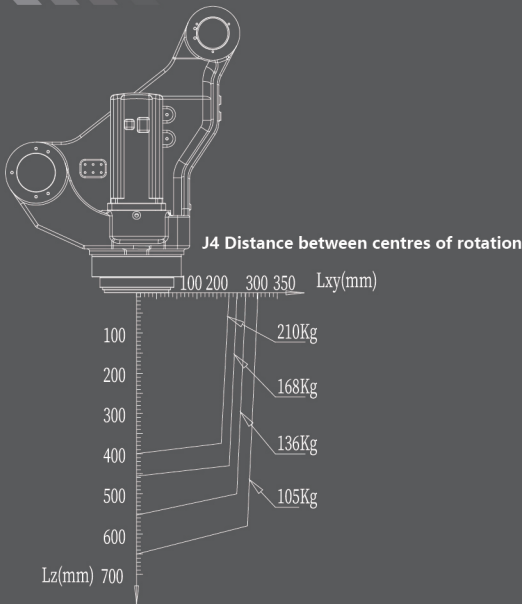
SF210-K3200 PA Data Overview

Model			SF210-K3200 PA
Structure			Vertically Articulated
Number of Axis			4
Radius			3200mm
Payload			210kg
Repeatability			±0.08mm
Drive Mode			AC Servo Motor
Maximum Speed	J1	120° /s	
	J2	140° /s	
	J3	140° /s	
	J4	305° /s	
	J5	/	
	J6	/	
Range of Motion	J1	±180°	
	J2	+44°/-80°	
	J3	+15.5°/-115°	
	J4	±360°	
	J3-J2	-72°≤J3-J2≤+67.5°	
	J3-J2	-72°≤J3-J2≤+67.5°	
Allowable Moment	J4	1666N.M	
	J5	/	
	J6	/	
Allowable Inertia	J4	80kg.m2	
	J5	/	
	J6	/	
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			6.5kVA

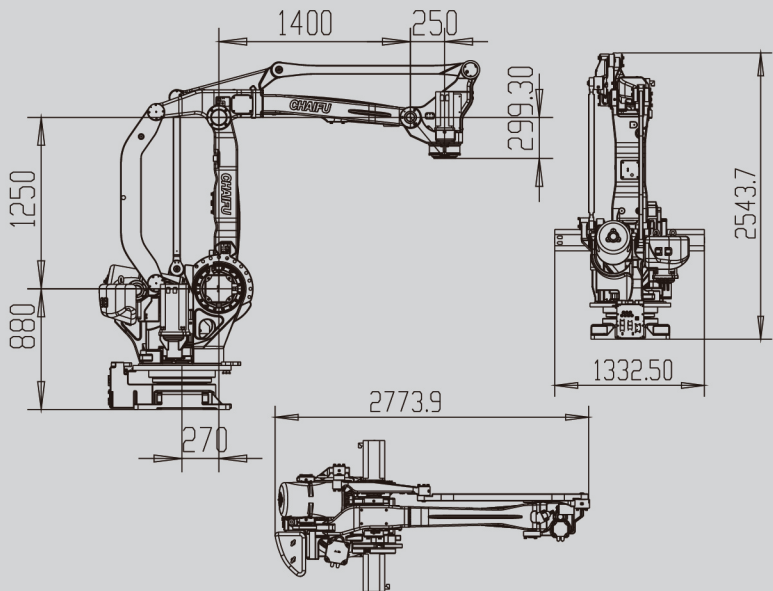
SF210-K3200 PA Range of Motion



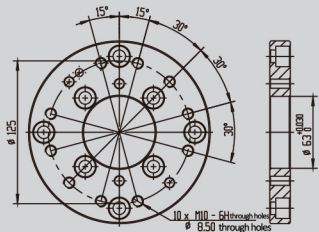
SF210-K3200 Wrist load torque chart



External & Installation Dimensions



A-Way Diagram (End Flange Mounting Fimensions)



B-Way Diagram (Base Mounting Dimensions)

