



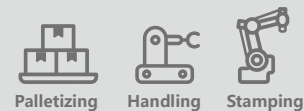
SF PA Series | Palletizing Robot Model: SF180-C3200

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

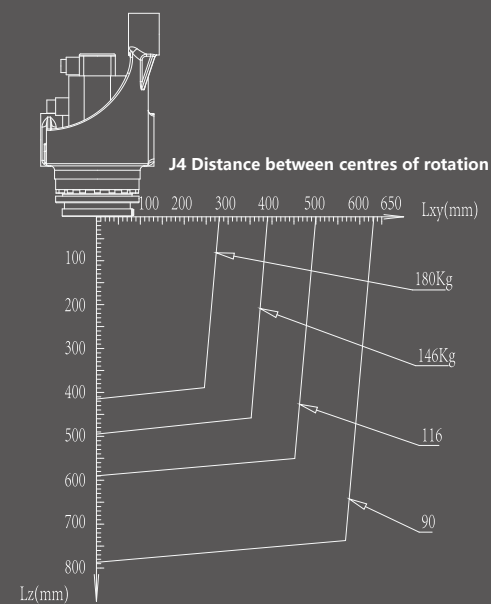
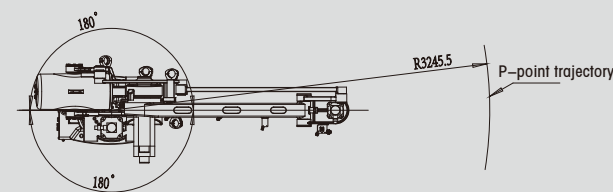
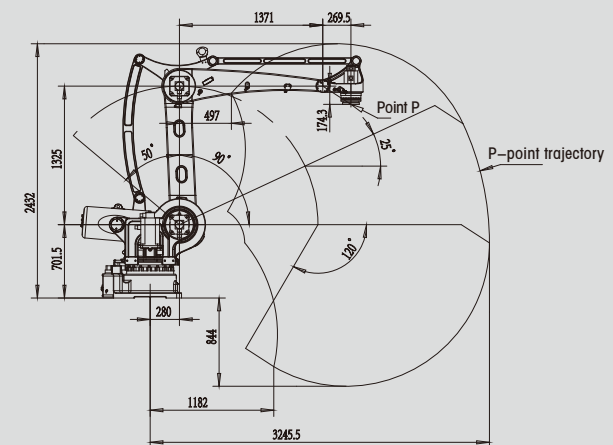


Palletizing Handling Stamping

SF180-C3200 Data Overview

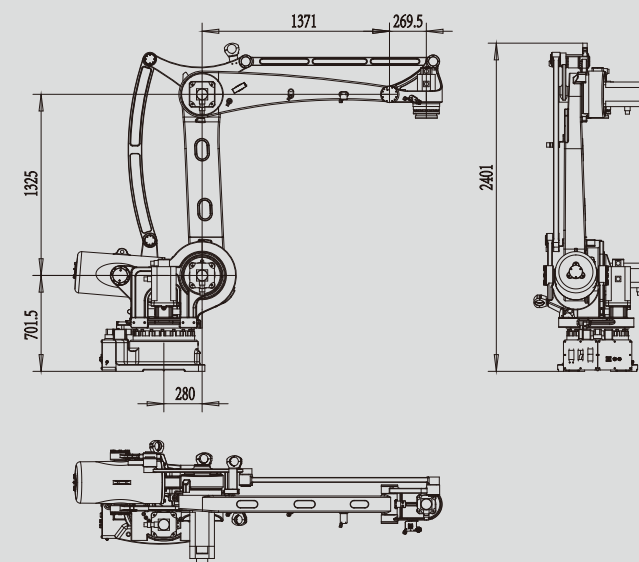
Model		SF180-C3200
Structure		Vertically Articulated
Number of Axis		4
Radius		3245.5mm
Payload		180kg
Repeatability		±0.25mm
Drive Mode		AC Servo Motor
Maximum Speed	J1	110° /s
	J2	112° /s
	J3	105° /s
	J4	260° /s
	J5	/
	J6	/
Range of Motion	J1	±180°
	J2	-90° /+50°
	J3	-75° /+110°
	J4	±360°
	J2 + J3	-115°≤J2+J3≤22.5°
Allowable Moment	J4	1764N.M
	J5	/
	J6	/
Allowable Inertia	J4	36kg.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		750*520mm
Height		2401mm
Weight		1380KG
Mounting Positions		Floor
Power Consumption		6.5kVA

SF180-C3200 Range of Motion

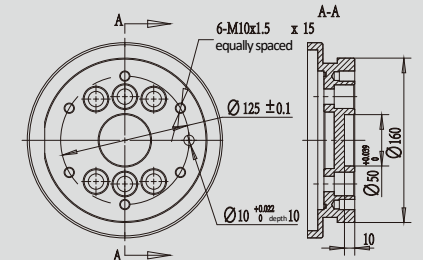


SF180-C3200 Wrist load torque chart

External & Installation Dimensions



A-Way Diagram (End Flange Mounting Dimensions)



B-Way Diagram (Base Mounting Dimensions)

