



Load 50Kg

SF PA Series | Palletizing Robot
Model: SF50 - C2220 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

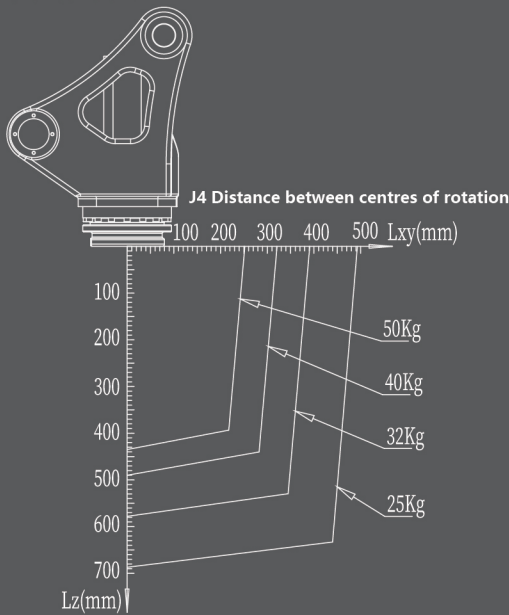


Palletizing

Handling

Stamping

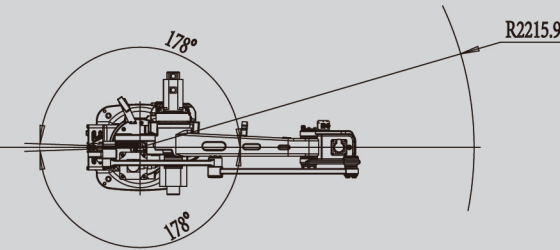
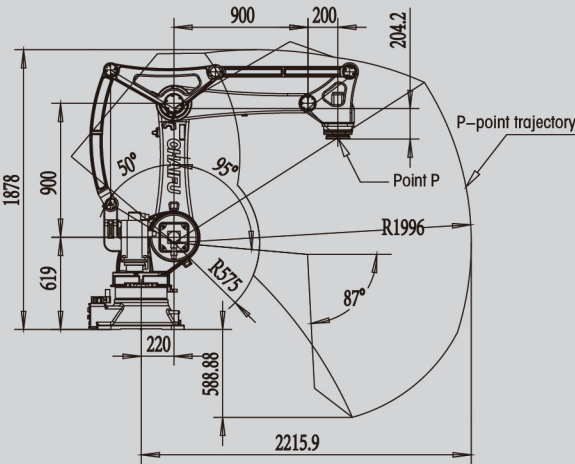
SF50-C2220 PA Wrist load torque chart



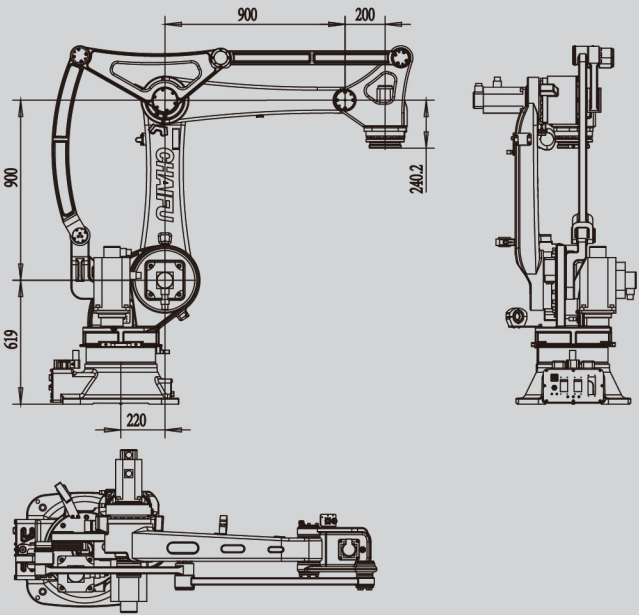
SF50-C2220 PA Data Overview

Model			SF50-C2220 PA
Structure			Vertically Articulated
Number of Axis			4
Radius			2220mm
Payload			50kg
Repeatability			±0.03mm
Drive Mode			AC Servo Motor
Maximum Speed	J1		125° /s
	J2		125° /s
	J3		140° /s
	J4		200° /s
	J5		/
	J6		/
Range of Motion	J1		±178°
	J2		+50° /-95°
	J3		+85° /-72°
	J4		±360°
	J2 + J3		-115°≤J2+J3≤+25°
Allowable Moment	J4		1666N.M
	J5		/
	J6		/
Allowable Inertia	J4		9.6kg.m2
	J5		/
	J6		/
Protection Rating			IP 65
Operating Conditions	Temp.		0°C-45°C
	Humidity		Below 95%RH
	Vibration		Below 4.9m/s2
	Other		Eliminate Signal Noise
Base Size			573×573mm
Height			1791mm
Weight			616KG
Mounting Positions			Floor
Power Consumption			4kVA

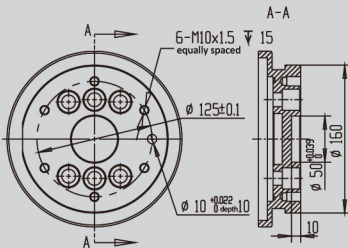
SF50-C2220 PA Range of Motion



External & Installation Dimensions



A-Way Diagram
(End Flange Mounting Dimensions)



B-Way Diagram (Base Mounting Dimensions)

