## PA Series | Palletizing Robot Model: SF130 - K2700

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

The 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 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

PC ම Handling

Stamping

┎╈┰╈┐ Palletizing

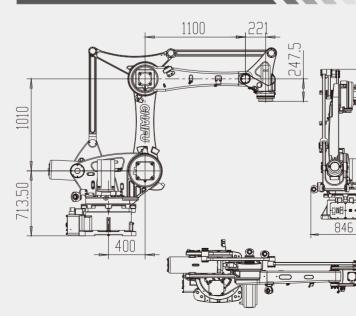
Number of Axis4Radius2735mmPayload130kgRepeatability±0.25mmDrive ModeAC Servo Motor $11$ 178°/sMaximumJ2J2112°/sSpeedJ4J6/J1+/-180°J2+45°/-90°Range ofJ3J5/J6/AllowableJ5J5/J6/AllowableJ5J6/AllowableJ4J6/AllowableJ4J6/AllowableJ4J6/AllowableJ4J6/Protection RatingIP 65	
Payload   130kg     Repeatability   ±0.25mm     Drive Mode   AC Servo Motor     Maximum   J2   112°/s     J1   178°/s     Maximum   J3   105°/s     Speed   J4   340°/s     J5   /     J6   /     Range of   J3   +/-180°     J5   /     Motion   J4   +/-360°     J5   /   /     Allowable   J5   /     J6   /   /     Allowable   J4   36kg·m²     J6   /   /     Protection Rating   IP 65	
Repeatability   ±0.25mm     Drive Mode   AC Servo Motor     Maximum   J2   178°/s     J2   112°/s     Speed   J4   340°/s     J5   /     J6   //     Range of   J3   +/-180°     J5   /   /     Motion   J4   +/-360°     J5   /   /     Allowable   J4   1764N·m     J6   /   //     Allowable   J4   J6     J6   /   //     Protection Ratio   J6   //	
Drive Mode   AC Servo Motor     Ji   178°/s     Maximum   J2     J3   105°/s     Speed   J4     J5   /     J6   /     Range of   J3     J5   /     Motion   J4     J5   /     J6   /     Allowable   J5     J6   /     Allowable   J4     J5   /     Inertia   J6     J6   /     Protection Rating   IP 65	
Maximum   J1   178°/s     Speed   J3   112°/s     J4   J5   105°/s     J6   //   340°/s     Range of   J3   +/-180°     J5   //   //     Motion   J4   +/-360°     J5   //   //     Allowable   J5   //     J6   //   36kg·m²     Hortia   J5   //     J1   J5   J6     J6   J764N·m     J6   J6     J1   J6     J2   J2     J3   J3     J4   J5     J5   J6     J2   J4     J3   J4     J4   J5     J5   J6	
Maximum   J2   112°/s     Speed   J4   340°/s     J5   /     J6   //     Range of   J3   +/-180°     J2   +45°/-90°     +45°/-90°   +85°/-55°     Motion   J4   +/-360°     J5   /   /     Allowable   J5   /     J6   /   //     Allowable   J4   J6     J6   /   //     Protection Rating   IP 65	
J2   +45°/-90°     Range of   J3   +85°/-55°     Motion   J4   +/-360°     J5   /     J6   /     Allowable   J5   /     Moment   J6   /     Allowable   J4   36kg·m²     J6   /   /     Protection Rating   IP 65	
Allowable J5 / of the fill   Moment J6 /   Allowable J4 36kg·m²   J5 /   Inertia J6 /   Protection Rating IP 65	
InertiaJ5/J6/Protection RatingIP 65	
<b>y</b>	
Temp. 0-45°C	
Operating Humidity Below 95%RH	
Conditions Vibration Below 4.9m/s <sup>2</sup>	
Other Eliminate Signal Noise	
Base Size 620*620mm	
Height 2050mm	
Weight 1160KG	

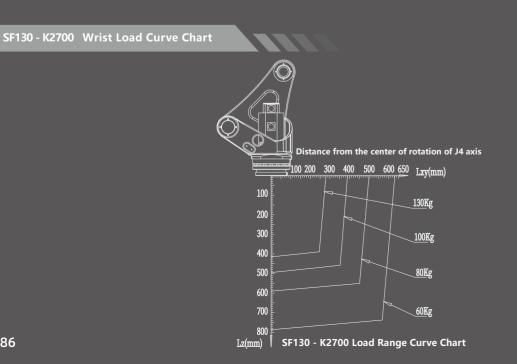
Floor

5.5kVA

# SF130 - K2700 External & Installation Dimensions

**Mounting Positions Power Consumption** 







### SF130 - K2700 Data Overview

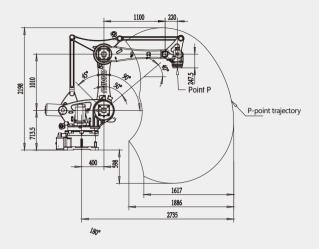
SF130 - K2700

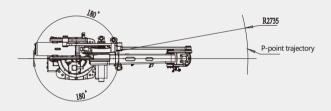
Vertically Articulated

Model

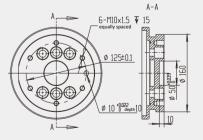
Structure

#### SF130 - K2700 Range of Motion

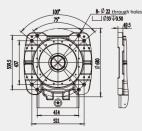




A-Way Diagram (End Flange Mounting Dimensions)



B-Way Diagram (Base Mounting Dimensions)



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