

Industrial Articulated Robot for Automation

This industrial robot is designed for stacking and transferring applications. It is used for loading and unloading in the packing, drinking, chemical, and food industries.



Overview

Industrial Articulated Robot

This industrial articulated robot is designed for high-efficiency automation tasks, including stacking, unstacking, and material transfer. With a robust 4-degree-of-freedom design and a payload capacity of 20 kg, it offers precise control and reliable performance. It is an ideal solution for demanding environments such as the packing, chemical, and food industries.

Suitable Applications

Stacking, Unstacking, Transferring, Stamping, Loading, Unloading

Performance

Payload Capacity

20 kg

Payload Capacity

Cycle Time

1780 r/h

Cycle Time

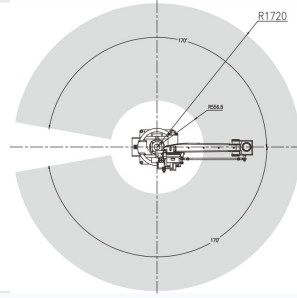
Repeatability

±0.08 mm

Drive System

AC Servo Drive

Motion & Reach



Workspace envelope diagram illustrating the robot's reach and angular limits for installation planning.

Motion Radius

1720 mm

Max Reach

Motion Range by Joint

Joint	Range
J1	±170°
J2	+115° to -25°
J3	+70° to -90°
J4	±360°

Top Velocity per Joint

Joint	Velocity	Unit
J1	170	m/s
J2	170	m/s
J3	185	m/s
J4	330	m/s

Physical Characteristics

Machine Weight	256 kg
Wrist Allowable Load Inertia	0.51 kg·m ²