

EC-101

Robotic Palletizer



The **EC-101** robot is one of the most efficient robotic palletizers, utilizing only 2.5 kVA. The **EC-101** offers moderate production rates making this a cost effective solution for a variety of applications.

Operating Range

	Dimensions (mm)					
	A	B	C	D	E	F
EC-61 / 101	2069	686	1614	950	1500	2300

Details provide are for reference purposes only. All dimensions are in metric (millimeters)

EC-101 Series Technical Specifications		
Fuji ACE Model		EC-101
Type of Motion		Multi-Articulated
Action Mode		Cylindrical
Load Capacity (Including End Effector)		160kg (353 lbs)
Palletizing Capacity (cycles / hour)		800 cycles / hour
Degree of freedom		4 axis
Operating Area	Z axis (vertical)	2300 mm (90.5")
	R axis (longitudinal)	1500 mm (59")
	Theta axis (rotation)	330°
	Alpha axis (wrist)	330°
Repeatability		± 0.5mm
Memory		400 programming locations available
Teaching method		Teaching playback / Teaching Support
Power Requirements		(208 / 220V, 3 phase, 50 / 60 Hz)
Power Consumption (Without Peripheral Equipment Load)		2.5 KVA / 6.5 amps
Robot Weight (Without End Effector)		700 Kg (1544 lbs)
Maximum Air Pressure		120 psi (0.827 MPa)
Pneumatic Consumption (*Using Standard Fuji Case or Bag End Effector)		*5.7 SCFM @ 70 psi (.48 MPa)
<p>Note: Capacity rates can be significantly affected by layouts, product types, and can be confirmed after a detailed analysis of an application.</p>		

