

# EC-102 Series Technical Specifications

Fuji ACE Model		EC-102
Type of Motion		Multi-Articulated
Action Mode		Cylindrical
Load Capacity (Including End Effector)		160kg(340lbs)
Palletizing Capacity (cycles / hour)		1200
Degree of freedom		4 axis
Operating Area	Z axis (vertical)	2300mm (90.5")
	R axis (longitudinal)	1500mm (59")
	Theta axis (rotation)	330°
	Alpha axis (wrist)	330°
Repeatability		±0.5mm
Memory		120-400programming locations available
Teaching method		Teaching playback / Teaching Support
Power Requirements		(200/220V, 3phase, 50/60 Hz)
Power Consumption (Without Peripheral Equipment Load)		3.5KVA / 9.2amps
Robot Weight(Without End Effector)		700kg (1544lbs)
Pneumatic Consumption (*Using Standard Fuji Case or Bag End Effector)		*5.7SCFM @ 70psi(0.5MPa)

**Note:** Capacity rates can be significantly affected by layouts, product types, and can be confirmed after a detailed analysis of an application.



