

EC-171 Series Technical Specifications

Fuji ACE Model		EC-171HS	EC-171HD
Type of Motion		Multi-Articulated	
Action Mode		Cylindrical	
Load Capacity (Including End Effector)		80kg(170lbs)	160kg(340lbs)
Palletizing Capacity (cycles / hour)		1500	1000
Degree of freedom		4 axis	
Operating Area	Z axis (vertical)	2400mm (94.75")	
	R axis (longitudinal)	1600mm (63.125")	
	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)		4KVA / 10.5amps	
Robot Weight(Without End Effector)		750kg (1654lbs)	
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.



