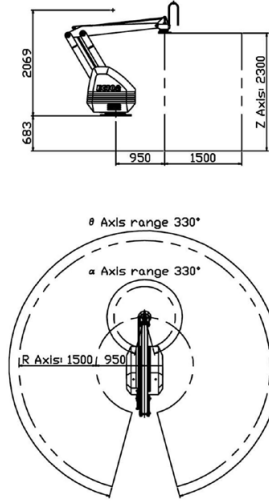




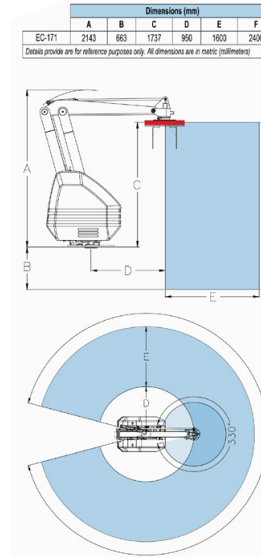
PALLETIZING ROBOTS

State of the art technology providing production flexibility and high-performance products.



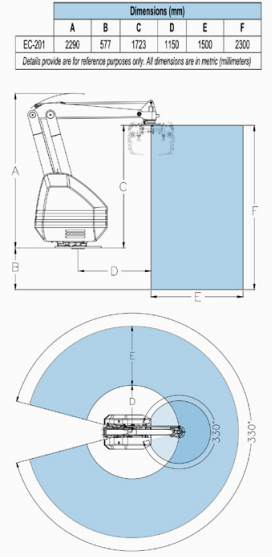
EC-102

The EC-102 model is one of our most energy-efficient robotic palletizers, as it uses only 3.5 KV A. Given the cycle rate-to-power ratio, it provides the most cost-effective, technically capable solution for moderate production throughput lines.



EC-171

The EC-171 robot has the largest working envelope of all Fuji Robots while maintaining the smallest rotation radius. The EC-171 is energy efficient using only 4kva while still allowing the robot to work in tight space conditions and accomplishing a very high palletizing rate.



EC-201

Through many years of research and development the EC-201 robot is one of the most technologically advanced robotic palletizers on the market today. This model can be configured for High-Speed, or Heavy Weight applications.

Specifications		
Load Capacity (Including End Effector)	160kg (350 lbs.)	
Speed Capacity (cycles/hour)	1200	
Degree of Freedom	4-axis (5th optional on End Effector)	
Operating Area	Z axis (vertical)	2300mm (90.50")
	R axis (longitudinal)	1500mm (59.00")
	Theta axis (rotation)	330°
	Alpha axis (wrist)	330°
Memory	120 to 400 Programming Locations Available	
Power Requirements	200 / 220V, 3-phase, 50/60 Hz	
Power Consumption (Without Peripheral Equipment Load)	3.5 Kva	
Robot Weight (Without End Effector)	700kg (1544 lbs.)	
Pneumatic Consumption (*Using Standard Fuji Case or Bag End Effector)	*5.7 SCFM@70psi (0.5MPa)	
Note: Specifications are subject to change without notice. Capacities as stated above are the maximum that may be achieved by the robot under ideal conditions. Capacity rates can be significantly affected by layouts, product types, and can be confirmed after a detailed analysis of an application. *Pneumatic consumption may vary with use a third-party End Effector.		

Specifications		
Fuji ACE Model	EC-171	
Type of Motion	Multi-Articulated	
Action Mode	Cylindrical	
Load Capacity (Including End Effector)	160kg (353 lbs)	
Palletizing Capacity (cycles / hour)	1400	
Degree of freedom	4 axis	
Operating Area	Z axis (vertical)	2400mm (94.75")
	R axis (longitudinal)	1600mm (63")
	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)	4.0 kVA / 10.5 Amps	
Robot Weight (Without End Effector)	750 kg (1654 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)	
Note: Capacity rates can be significantly affected by layouts, product types and total payload weight. Accurate capacity can be confirmed after a detailed analysis of an application.		

Specifications		
Fuji ACE Model	EC-201	
Type of Motion	Multi-Articulated	
Action Mode	Cylindrical	
Load Capacity (Including End Effector)	160kg (353 lbs)	
Palletizing Capacity (cycles / hour)	1 600	
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	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)	6.5 kVA / 17 amps or 7.0 kVA / 18.4 amps	
Robot Weight (Without End Effector)	1150 Kg (2536 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)	
Note: Capacity rates can be significantly affected by layouts, product types and total payload weight. Accurate capacity can be confirmed after a detailed analysis of an application.		