

FUJI ACE TECHNICAL SPECIFICATIONS

Model		EC-61	EC-101	EC-171	EC-201
Mechanism		Articulated Robot			
Action Mode		Cylindrical			
Weight Capacity (including hand)		90kg (198 lbs)	120kg (264 lbs)	110kg (242 lbs)	200kg (440 lbs)
Palletizing Capacity (cycles/ hour)		600c/hr	1000c/hr	1500c/hr	1600c/hr
Degree of Freedom		Standard 4 Axes (up to 5 Axes)			
Operational Space	- Z Axis (vert.)	2300mm (90 1/2")	2300mm (90 1/2")	2400mm (94 3/4")	2300mm (90 1/2")
	- R Axis (long.)	1500mm (59")	1500mm (59")	1600mm (63 1/8")	1500mm (59")
	- θ Axis (turn)	330°			
	- α Axis (wrist)	330°			
Hand Gripper		Clamp, Fork, Vacuum, Custom Designed			
Memory		400 Programmable Recipes Standard			
Teaching Method		Teaching Playback/ Teaching Support			
Power (200/220v 3PH 50/60Hz)		1.9KVA	2KVA	3KVA	6.5KVA
Main Body Weight (without hand)		700kg (1544 lbs)	800kg (1764 lbs)	750kg (1654 lbs)	1150kg (2536 lbs)

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 effected by layouts, product types, and can only be confirmed after a detailed analysis of an application.

OPTIONS

- Cold environment upgrade
- Harsh environment upgrade
- Memory program expansion
- Auto reject function
- Simultaneous multi-size product handling (5th axis)
- Slipsheet placement
- Pallet placement