

## FUJI EC-201 ROBOTIC PALLETIZER

### FEATURES

- High capacity robot with up to 1800 cycles per hour, or idle at 100 cycles per hour
- Cutting edge controller allows operator to programme stack patterns and adjust pallet or product types with diagnostics and step-by step human interface, saves calling in a robot technician
- Low power consumption using only 7.0 kVA
- Semi or fully automated system to eliminate health and safety concerns and labour sourcing
- Daily performance delivered 24/7 with consistent productive output

### OPTIONS

- Single or multi-lane configurations
- Range of grippers available
- Pallet dispensing - optioned automation of pallet feed and discharge increases production and reduces forklift movement
- Pallet Wrapping - full wrapping options available
- Top sheet applicators
- Conveyors & accumulation - powered pallet systems and accumulation options to suit varying layouts and space availability
- Guarding - complete hazardous area requirements for personnel safety
- Remote maintenance, including augmented reality

Through many years of research and development EC-201 robot is one of the most technologically advanced robotic palletizers on the market today.



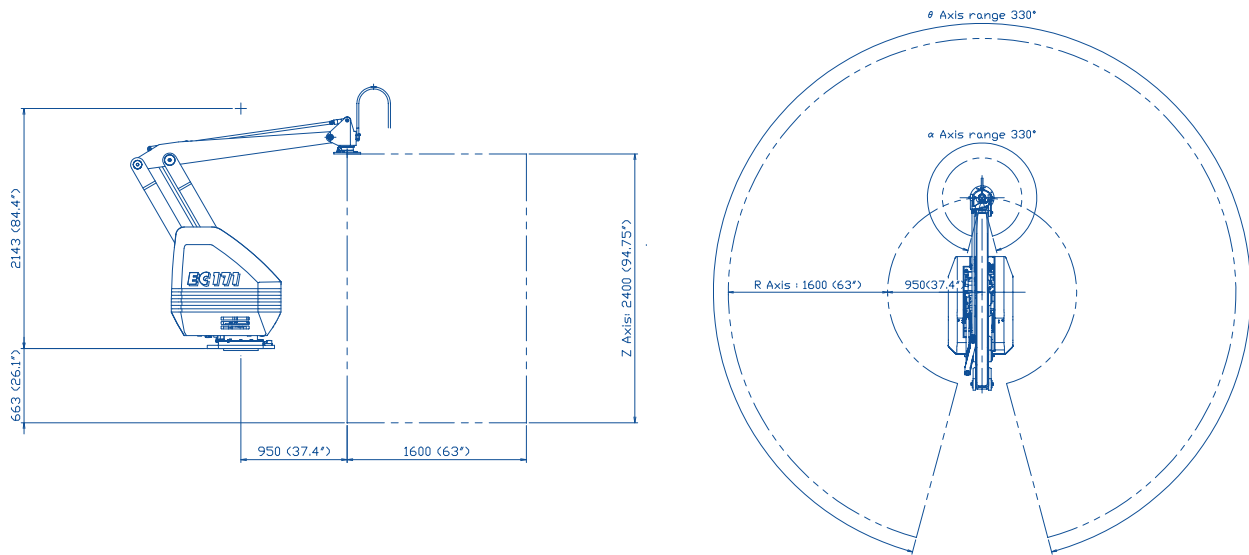


Diagram dimensions are for reference only\*

<b>Fuji Ace Model</b>	EC-201 HS, EC-201 HD, EC-201 W	
<b>Type of Motion</b>	Multi-articulated	
<b>Action Mode</b>	Cylindrical	
<b>Load Capacity</b> (Including End Effector)	160 kg	
<b>Palletizing Capacity</b> (cycles / hour)	1800	
<b>Degree of Freedom</b>	4 axis	
<b>Operating Area</b>	Z axis (vertical)	2300mm
	R axis (longitudinal)	1500mm
	Theta axis (rotation)	330°
	Alpha axis (wrist)	330°
<b>Repeatability</b>	±0.5 mm	
<b>Memory</b>	120 programming locations available	
<b>Teaching method</b>	Teaching playback / Teaching support	
<b>Power Requirements</b>	(200/220V, 3 phase, 50/60 Hz)	
<b>Robot Weight</b> (Without End Effector)	1150 kg	
<b>Pneumatic Consumption</b> (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.