AURORA

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 3.5 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 W EC-201 robot is one of the most technologically advanced robotic palletizes on the market today. With three EC-201 models to choose from, Fuji offers a solution for High Speed (HS), Heavy Weight (HD) and/ or Super Heavy Weight (W) applications.
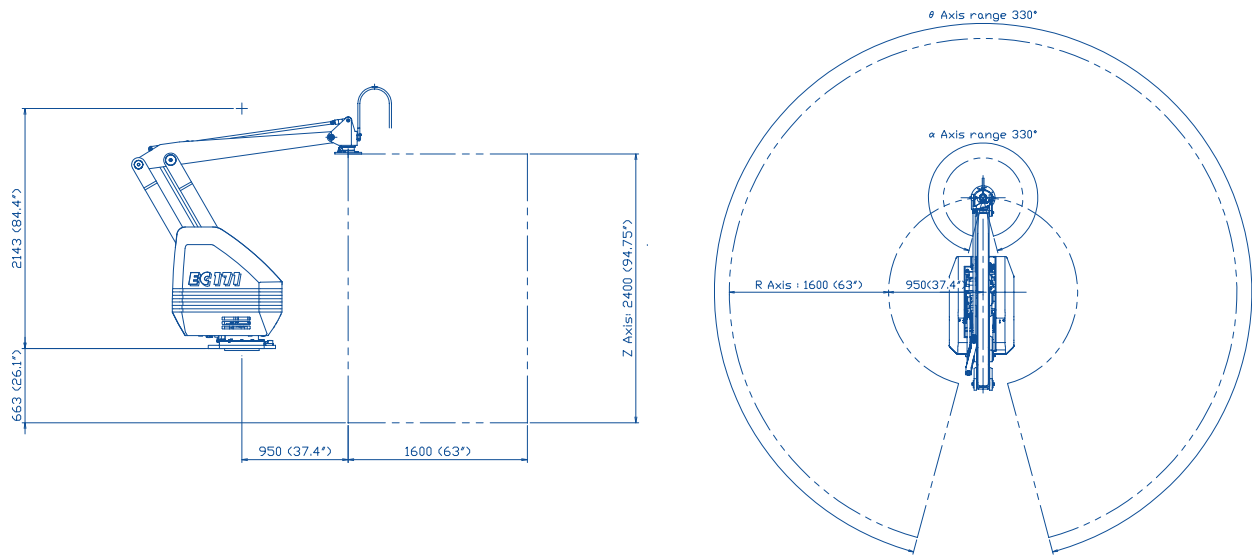
Diagram dimensions are for reference only*

Fuji Ace Model	EC-201 HS, EC-201 HD, EC-201 W
Type of Motion	Multi-articulated
Action Mode	Cylindrical
Load Capacity (Including End Effector)	70 kg (150 lbs) 200 kg (440 lbs) 320 kg (700 lbs)
Palletizing Capacity (cycles / hour)	1800 1600 600
Degree of Freedom	4 axis
Operating Area Z axis (vertical) R axis (longtitudinal) Theta axis (rotation) Alpha axis (wrist)	2300mm (90.5") 1500mm (59") 330° 330°
Repeatability	±0.5 mm
Memory	120-400 programming locations available
Teaching method	Teaching playback / Teaching support
Power Requirements	(200/220V, 3 phase, 50/60 Hz)
Power Consumption (Without Peripheral Equipment Load)	6.5 KVA / 17 amps 7K VA/18.4 amps
Robot Weight (Without End Effector)	1150 kg (2536 lbs)
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.