FUJI EC-171
ROBOTIC PALLETIZER

FEATURES

- High capacity robot with up to 1200 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 4.0 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

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 4 kva while still allowing the robot to work in tight space conditions and accomplishing a very high palletizing rate.

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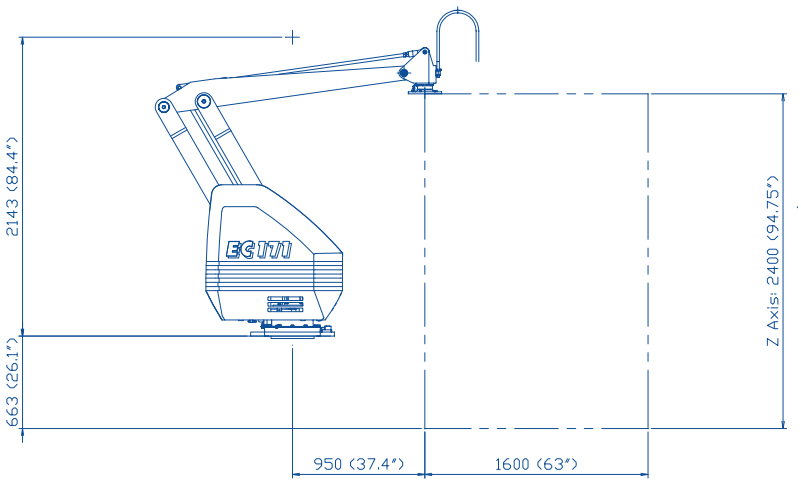

Diagram dimensions are for reference only*

Fuji Ace Model		EC-171
Type of Motion		Multi-articulated
Action Mode		Cylindrical
Load Capacity (Including End Effector)		160 kg
Palletizing Capacity (cycles / hour)		1500
Degree of Freedom		4 axis
Operating Area	Z axis (vertical) R axis (longtitudinal) Theta axis (rotation) Alpha axis (wrist)	2400mm 1600mm 330° 330°
Repeatability		±0.5 mm
Memory		120 programming locations available
Teaching method		Teaching playback / Teaching support
Power Requirements		415V, 10 amps
Robot Weight (Without End Effector)		750 kg
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.