

Item 3. Fuji-Ace Robot.



Scope of Supply - Fuji-Ace model EC-102.

- Pick and place robot Depalletising to a fixed-point conveyor with repeatable sack loading pattern.
- Maximum output of 1000 cycles per hour on 25kg sacks when kept within an operating radius of 90° between the pack pick up point & furthest point of placement.
- The unit is fully counterbalanced to keep the centre of gravity within the circumference of the main rotational bearing.
- Each axis is controlled by a single motor rather than a combination of motors as on conventional welding robots.
- Unit comprises 4 axes multifunctional robot body, AC servo motor drives on all axes (No need to replace brushes as on DC units) & hand unit fully adjustable to suit varying product sizes Because of these design features the robot uses less power than any other machine of the same capacity. Surfaces of robot are prepared to class 3 before spraying with rust

	preventative undercoat then oil-based enamel topcoat. ▪ The base of the Fuji-ace is painted in RAL5017. blue, the main body in RAL1013. white & the hand in RAL5017. blue. Metallic tubes used for air & electrical piping are zinc plated. Unit is fixed to the floor with expanding collar floor bolts.
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