



PLASTICS



SP Technology

Automation & Robotics



Tooled pallets running on a Flexlink racetrack conveyor are used to carry products around the system. Each assembly stage is inspected, with components being fed using a combination of bowl feeding and tray feed systems. Auto screw feed systems are used to secure different stages of the assembly, with PCB's loaded using a high speed industrial robot, fitted with an inspection camera. Reject parts are off loaded into a collection area with final "good parts" off loaded for operational checking.

Key features and equipment:

- Auto inspection of all parts at each stage including PCB
- Auto feeding of all parts including screw feeding
- 32m long race track conveyor system
- 16m long, 10 module machine
- Multiple product and ease of configuration
- Output - 15 Parts per/minute
- 25 part assembly



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