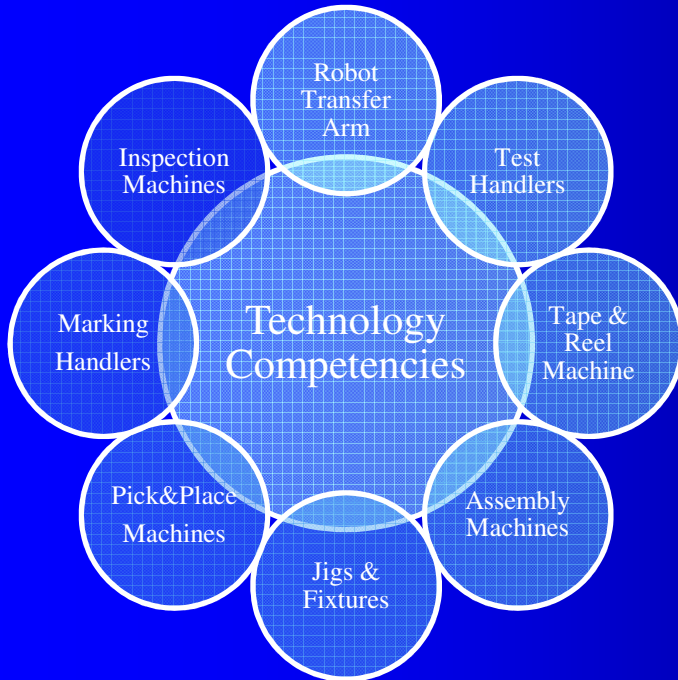


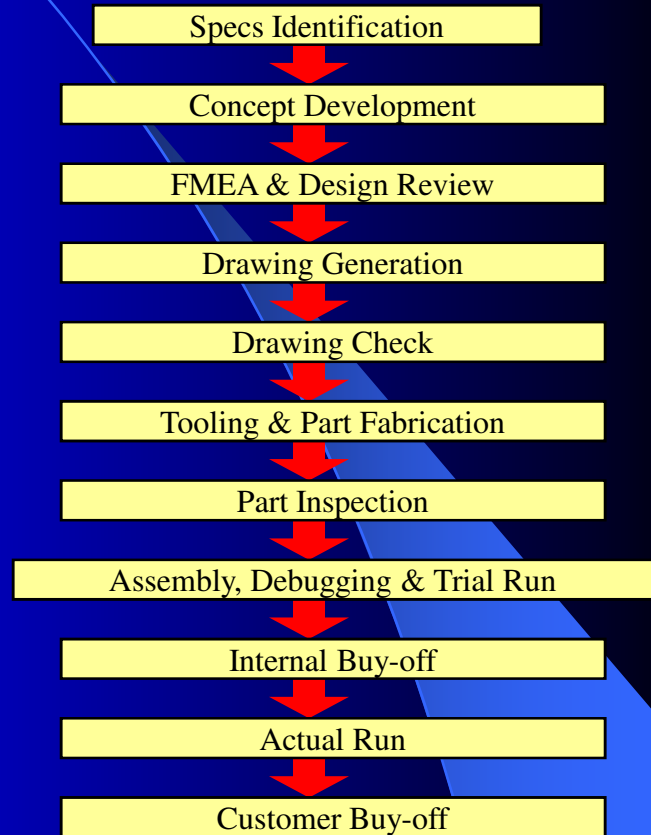


MEXCEL TECHNOLOGIES SDN BHD

Our Expertise : Automation

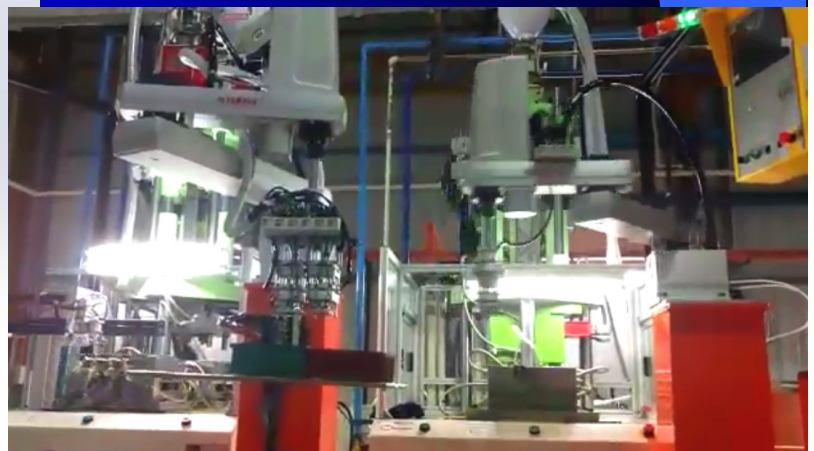
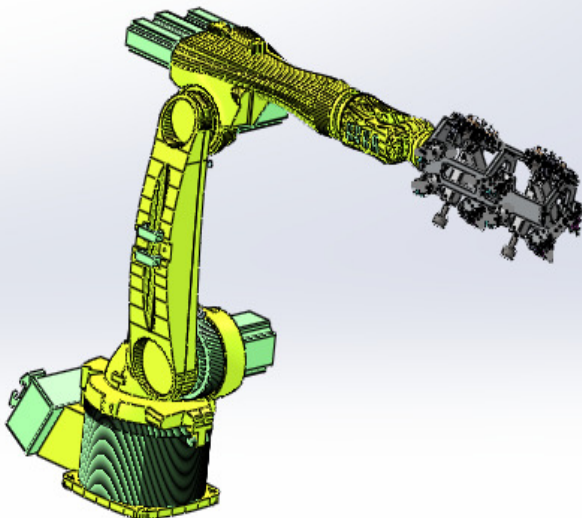


Our Quality System



Robot Transfer Arm

- Transfer parts between module to module
- Detecting part presence before /after transfer
- Hand-shaking between robots & machines
- Design with load calculations & robot positioning error compensation
- Options: laser sensor height feedback, vision camera inspection and barcode scanner module

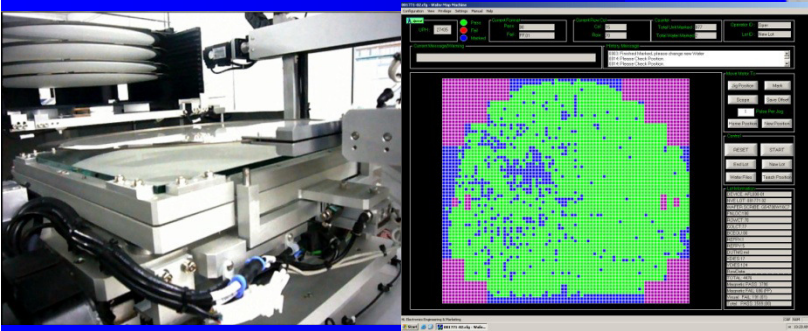




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Wafer Inspection System

- Auto wafer loading/unloading
- Automated defect classification
- Map creation/updates of wafer map
- Statistical descriptive analysis of defects
- High-resolution and high-precision X-Y table
- Window platform with user-defined specifications
- Built-in calibration feature
- Library based uploading for different types of unit



Die Attach Inspection Machine

- Auto loader/unloader for substrate
- Automated defect classification
- Map creation/updates of defect dies
- Statistical descriptive analysis of defects
- High-resolution and high-precision X-Y table
- Window platform with user-defined specs
- Auto-generation of GR&R report
- Library based uploading for different die types
- Perform die type checking
- Perform Die Centering position/offset inspection
- Perform silver epoxy coverage inspection

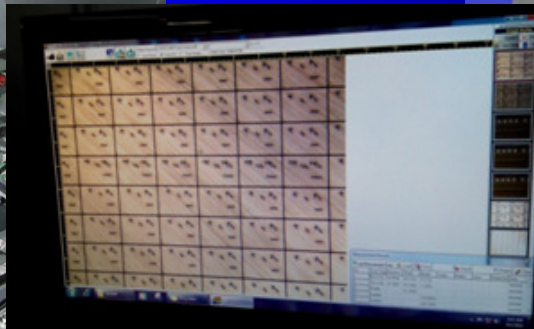
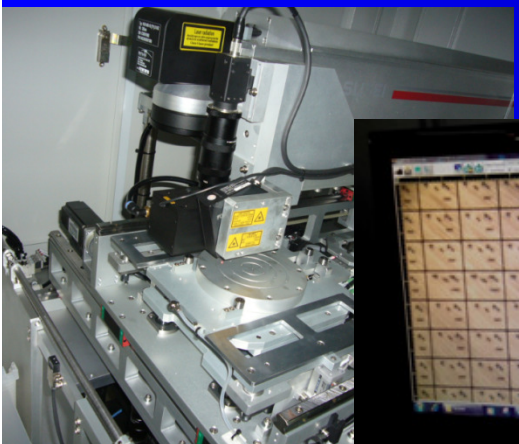




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Wafer Marking Handler

- Auto wafer loading/unloading
- Perform code marking or reject marking on dies
- Wafer map creation/updates of loaded wafer map
- Window platform with user-defined specifications
- Built-in calibration feature
- Library based uploading for different types of die



Laser/Inkjet
Marking Machine



Test & Tape
Handler



Pick & Place
Machine



Test
Handler



MEXCEL TECHNOLOGIES SDN BHD (752090-T)

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