



PCBA



35

HARLAND & WOLFF
YEARS EXPERIENCE

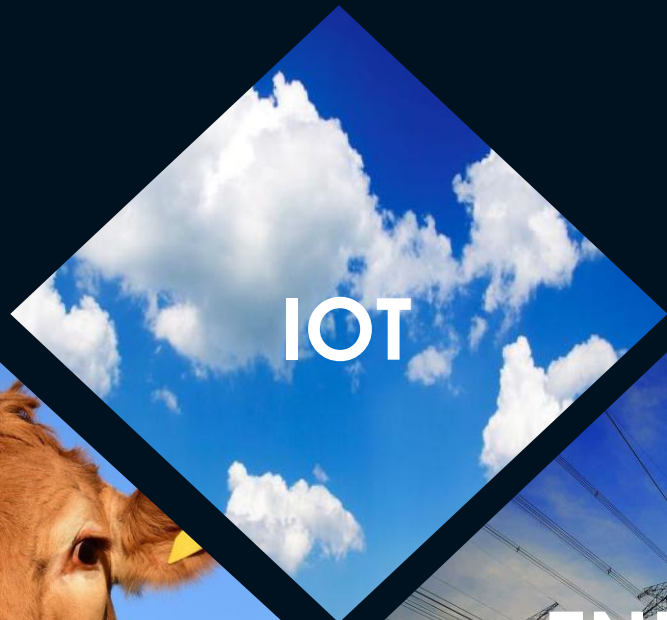
200+

EMPLOYEES

75,000 sq. ft

TOP LINE FACILITY

SECTORS



ISO & QUALITY SYSTEMS



13485

MEDICAL
DEVICES



IPC - A - 610



9001

QUALITY
MANAGEMENT



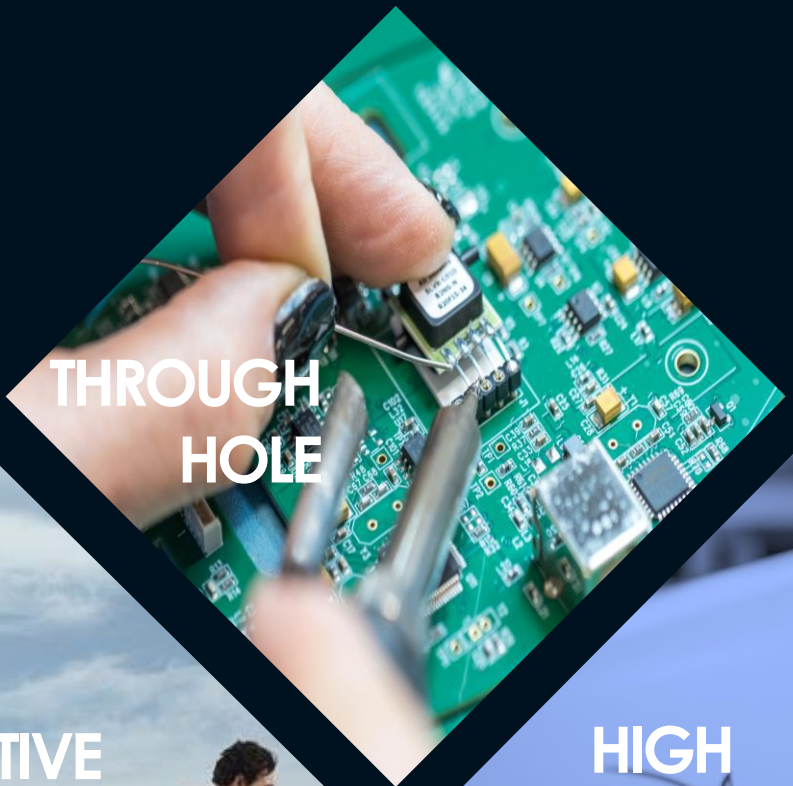
27001

INFORMATION
SECURITY
MANAGEMENT

PCBA

A photograph of a modern electronic assembly line. In the foreground, there are blue storage bins and a conveyor belt. In the background, a large industrial machine with a digital display is visible. The text "SURFACE MOUNT" is overlaid in white.

**SURFACE
MOUNT**

A close-up photograph showing a person's hands using a soldering iron to attach a small electronic component to a green printed circuit board (PCB). The text "THROUGH HOLE" is overlaid in white.

**THROUGH
HOLE**

A photograph of a man in a dark business suit and tie, appearing to have multiple arms. He is holding a calculator, a laptop, a folder, and a pair of scissors, all while balancing on a skateboard. The text "FLEXIBLE" is overlaid in white.

FLEXIBLE

A photograph of a man in a white shirt and dark pants pushing a large cardboard box along a red running track. The box is moving quickly, leaving a trail of motion blur and a small fire-like effect behind it. The text "COMPETITIVE SOLUTIONS" is overlaid in white.

**COMPETITIVE
SOLUTIONS**

A close-up photograph of the front of a dark-colored car. The words "LYNX EVO" are visible on the front bumper area. The text "HIGH QUALITY" is overlaid in white.

**HIGH
QUALITY**

SURFACE MOUNT



PASTE MACHINE

- 5 X PASTE MACHINES
- OFFERS DOUBLE PASTING, DIFFERENT PRESSURES
- BGA, QFN CABILTIY
- FLAWLESS TRANSFER OF BOARD TO NEXT MACHINE



EUROPLACER

- 10 X HIGH SPEED PLACEMENT MACHINES
- 250,000+ COMPONENTS PER HOUR
- SMD 01005 TO 70MM X 70MM

SURFACE MOUNT



3D SOLDER PASTE INSPECTION

- INSPECTS HEIGHT, WIDTH AND AREA OF SOLDER PASTE
- BGA DOWN TO 001
- PRE-COMPONENT QUALITY
- INLINE CAPABILITIES



X-RAY INSPECTION

- VOIDING
- BRIDGING
- SOLDER BALLS
- INSUFFICIENT SOLDER

SURFACE MOUNT

OVEN REFLOW



- 5X 7-ZONE REFLOW OVENS
- PROTOTYPE TO VOLUME

VAPOUR REFLOW



- VAPOR PHASE OVEN
- INTEGRATED COOLING FAN
- WIDE VARIETY OF ADJUSTABLE SOLDER PROFILES

SURFACE MOUNT

AUTOMATED OPTICAL INSPECTION



- 10 MEGAPIXEL, 5 CAMERA SYSTEM
- UNSURPASSED DEFECT DETECTION

THT OPTICAL INSPECTION



- AUTOMATED OPTICAL INSPECTION
- ACCOMMODATES UP TO 80MM
- IPC STANDARDS

THROUGH HOLE

FLOW SOLDER



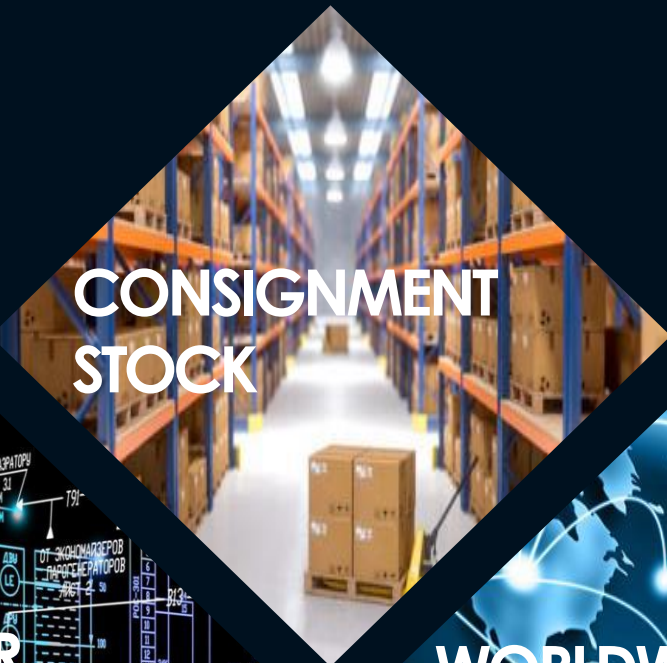
- PROGRAMMABLE SYSTEM
- 3 STAGE PREHEATING OPTIONS
- LEAD FREE

SELECTIVE SOLDER



- FULLY AUTOMATED SELECTIVE SOLDER
- REPEATABLE QUALITY
- HIGH VOLUME CAPABILITY

ADDITIONAL SERVICES



CONSIGNMENT
STOCK



CONFORMAL
COATING



DESIGN FOR
MANUFACTURE



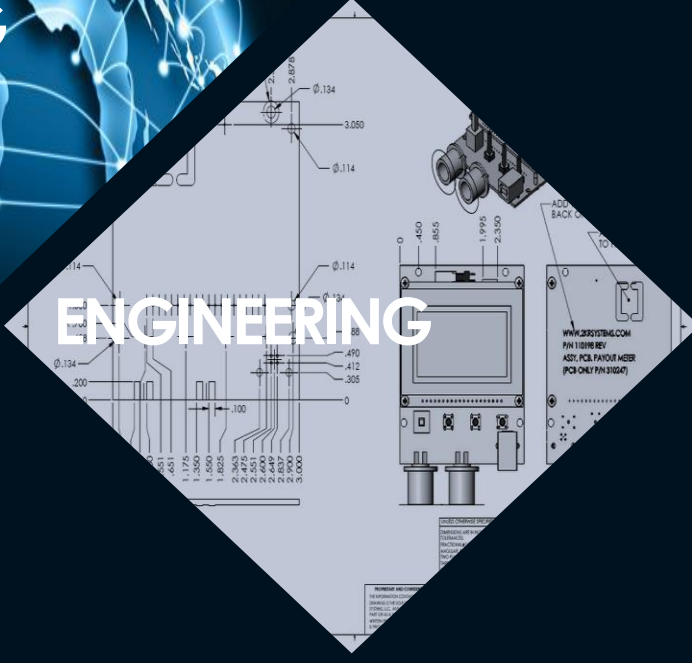
WORLDWIDE
SOURCING



INSPECTION &
TESTING



DIRECT
SHIPPING



ENGINEERING

YOUR PCBA MANUFACTURING PARTNER



**LONG TERM
PARTNERSHIP**



**WORLDWIDE
LOGISTICS**



INNOVATION



**FINANCIALLY
STABLE**



INVESTMENT

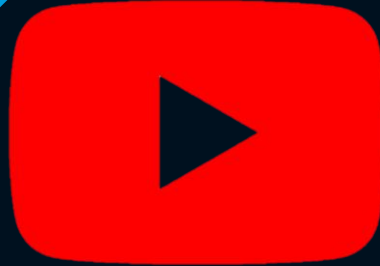


**QUALITY
ASSURED**



**TECHNICAL
SUPPORT**

CONTACT US:



ELITE ELECTRONIC
SYSTEMS
YOUTUBE



INFO@ELITEES.COM



ELITE ELECTRONIC
SYSTEMS LTD
LINKEDIN



02866327172