



SEMICONDUCTOR ASSEMBLY AND TEST
EQUIPMENT • MATERIALS • PERIPHERALS • SERVICES

OUR BACKGROUND



22 years of Engineering Backbone

Recipient of Prestigious Suppliers
Award from Texas Instrument in 2010

Recipient of Outstanding Agent's Award
from Hanmi Semiconductors, Denka Japan,
and Vision Semicon Korea

Who is Kunsh?



- Authorized Distributor of Leading Semiconductor Assembly and Test Equipment, materials and Peripherals.

Role of KunshSemiconductor India

- Provide 24/7 local on-site support, for equipment and materials.
- Provide technical know how of leading equipment, materials, and peripherals.
- Connected to best known products and services in Asia.
- Shorten the learning curve of workforce through our training programs.
- Be a partner of choice by sharing more than two decades worth of expertise & experience in semiconductor assembly.

KEY MILESTONES



**1st
Year**

2025

Supply of **Equipment, Materials, and Peripherals**

to the Semiconductor Industry

Overhauling or product fabrication

based on requirements of

Mold, Trim or Singulation Form, Jigs and Fixtures



**3rd
Year**

2027

Implementation of Industry 4.0
technology Artificial Intelligence

Overhauling of Other **Processes in the Assembly and Test**



2nd

Year

2026

Training and Certification for
Operators, Technicians, and Engineers in

the Semiconductor Industry

Overhauling of **Wire Bond Process, Die Attach Process, and Wafer Dicing Process.**

FC / ISIP PROCESS FLOW

kurtz ersa

kurtz ersa



Stencil
Printing

Chip
Shooter

Reflow

Flux Wash

Optical
Inspection
(AOI)

QA
Gate

Packaging

Strip
Mount



Mold

Pre-bake
Oven

Optical
Inspection
(AOI)

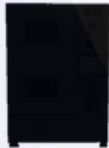
Plasma
Clean

Chip Attach /
Cure
or Wire bond

Plasma
Clean

Mount Saw
and Wash

X-Ray



Post Mold
Cure Oven

Laser
Mark

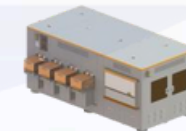
Ball
Attach

Reflow
Furnace

Auto
Singulation
Tray or Tube
Load

Final
Optical
Inspection (AOI)

Packaging



kurtz ersa



Service and After Sales Support

OVERVIEW

Our service team's major strength is to support all our customers for:

- Equipment set-up
- Applications
- Repair and maintenance
- After sales support and
- On call services

for both standard and customized machines through our experienced engineers who have had previous experiences who have had previous experiences in handling all kinds of equipment.

" 24x7 Engineering Support to cater to our customers and strong field presence by always being deployed on always being deployed on customer sites."

PREVENTIVE MAINTENANCE -REFURBISHMENT

MOLD Tool



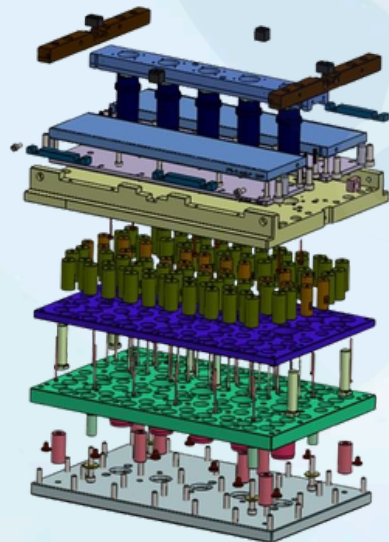
- ☐ Pot & Plunger
- ☐ Cavity Bar
- ☐ Ejector pins
- ☐ Cull Block
- ☐ Spare parts

TRIM, FORM & SINGULATAION Tool



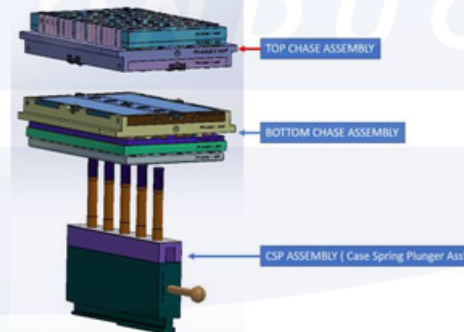
- ☐ Punch & Die
- ☐ Stripper
- ☐ Locator pin
- ☐ Floater
- ☐ Assembly
- ☐ Spare parts

TOOL REHABILITATION

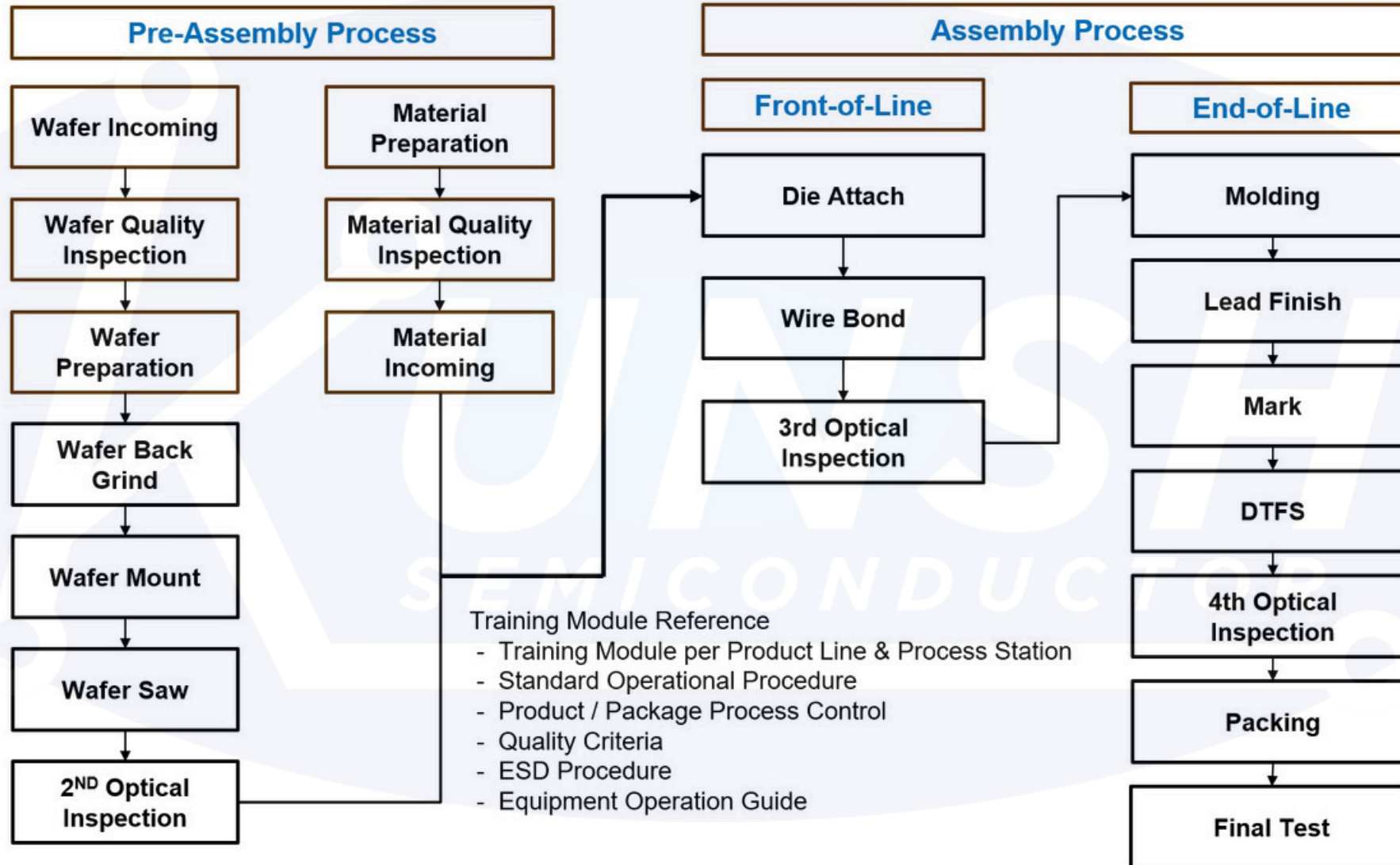


- ☐ Re-Engineering of parts
- ☐ Design and fabrication
- ☐ Precision parts fabrication
- ☐ Conversion Kits fabrication
- ☐ Jigs & Fixtures fabrication

TOOL Preventive Maintenance (PM)



- ☐ Disassembly & Assembly
- ☐ Tool Cleaning
- ☐ Replacement of parts
- ☐ Regrinding of parts
- ☐ Testing and Evaluation



THANK YOU