

MATERIALS

ALPHA® Soldering Products

ALPHA supplies a full line of solder products and soldering services

PRINTING MPM

 **Speedline**
technologies

Stencil printers, advanced, fully automatic, high volume optically aligned printers.
Supplies: Blades and Holders

DISPENSING

 **Speedline**
technologies

Camalot

Dispensing systems for surface mount and chip packaging & assembly applications. Underfill, adhesives, encapsulants and solder paste.

PLACEMENT

JUKI
LOWEST COST OF OWNERSHIP

The world's leading SMT placement company with over 20,000 machines installed worldwide. Standard 3 year parts warranty with every machine sold. Juki machines have the lowest cost of ownership in the industry.

REFLOW

 **Speedline**
technologies

Electrovert

Reflow ovens: Energy efficient with intelligent flux control & reduced nitrogen consumption.

AOI

 TECHNOLOGY®

AOI systems for post print, pre & post reflow with 2D & 3D inspection capabilities.

PCB Handling Systems **PROMATION**

Promation is a global provider of automated handling solutions, robotic soldering systems, and technical furniture with a special emphasis in the electronics manufacturing sectors.

SELECTIVE SOLDERING

JUKI
LOWEST COST OF OWNERSHIP

High quality selective soldering equipment.

WAVE SOLDERING

 **Speedline**
technologies

ELECTROVERT Wave soldering systems: UltraFill nozzles for low defect, lead free soldering. Servo spray fluxing for complete & uniform flux penetration

CLEANING

 **Speedline**
technologies

ELECTROVERT Inline Cleaners: Patented pump & nozzle technology, complete with enhanced dryin by air knife and the Electrovert "torrid" zone.

SCHUNK
®

DEPANELING TECHNOLOGY

Linear and rotation NC-controlled axes, state-of-the-art control electronics and drive units, standardized application software plus complete assemblies such as systems for depaneling PCBs, palletizing, assembly and joining systems, pneumatic control and servo valves

CONFORMAL COATING

USI
Ultrasonic Systems, Inc.

USI Spray Coating Equipment

Applications include conformal coating, fuel cell and solar panel manufacturing.

XRAY INSPECTION **YXLON / Fein Focus**

X-ray inspection systems, and industrial Computed Tomography (CT) solutions for the non-destructive testing of circuit boards and industrial components / materials (NDT).

REWORK

MARTIN
a finetech company


Cost effective, easy to use automated/manual BGA rework stations, BGA reballing and dispensers for all types of SMD components.

MATERIAL CONTROL

 **Cogiscan**
Smart Material Control

Real-time tracking, traceability, and control of all materials (feeders, components, PCBs, solder paste) throughout SMT and other assembly processes.

USED EQUIPMENT

 **CARDINAL CIRCUIT AUCTIONS**
Flying High with Asset Management Solutions

We can provide you with what you need and purchase equipment that you no longer need.