

MATERIALS

ALPHA® ■ Soldering Products

ALPHA supplies a full line of solder products and soldering services

PRINTING

 **Speedline**
technologies

MPM

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

Juki is 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



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.

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.