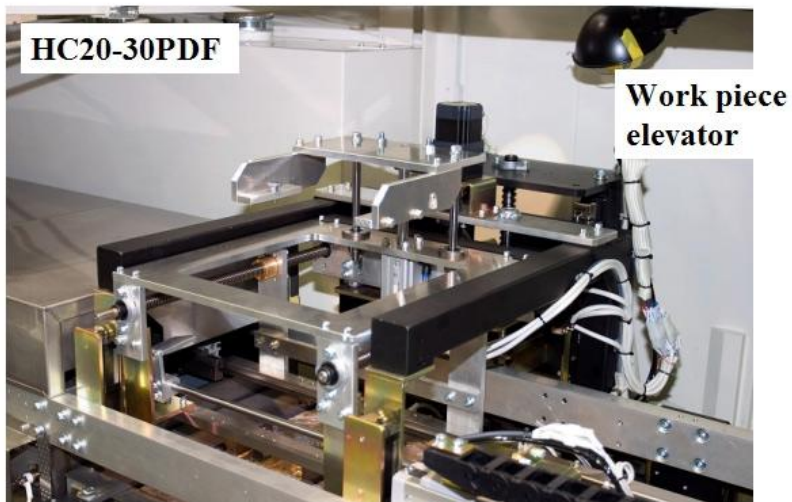


HC20 Selective Soldering Systems



The Tamura **HC20** is a **selective soldering system** designed for high-volume production and high-reliability applications.

Key features of the HC20 Selective Soldering system

- Fully automated process for high-volume production.
- Horizontal soldering.
- SMEMA-compliant for integration into SMT lines.
- Capable of achieving excellent top-side fillet formation.
- Six independent FLIP units within the solder pot.
- Individually programmable soldering times and parameters for each station.

FLIP (Flat Linear Induction Pump) Technology

Like conventional HC wave soldering machines, the HC20 utilizes Tamura's proprietary FLIP technology:

- No moving mechanical parts inside the solder pot.
- Reduced oxide (dross) generation.
- Lower pump system maintenance.
- Greater solder wave stability.
- Improved lead-free process repeatability.

Typical applications

The HC20 is designed for:

- Automotive electronics.
- Power electronics.
- Boards with mixed SMT and THT components.
- High-reliability products.
- Production environments where exposing the entire PCB to a conventional wave is undesirable.

HC20 features

Feature	HC20 Selective
Process type	Selective soldering
Application	Specific THT components
Production	High-mix / high-reliability
FLIP technology	Yes
Top fillet control	Very high
SMEMA integration	Yes
Number of nozzles	6 independent units