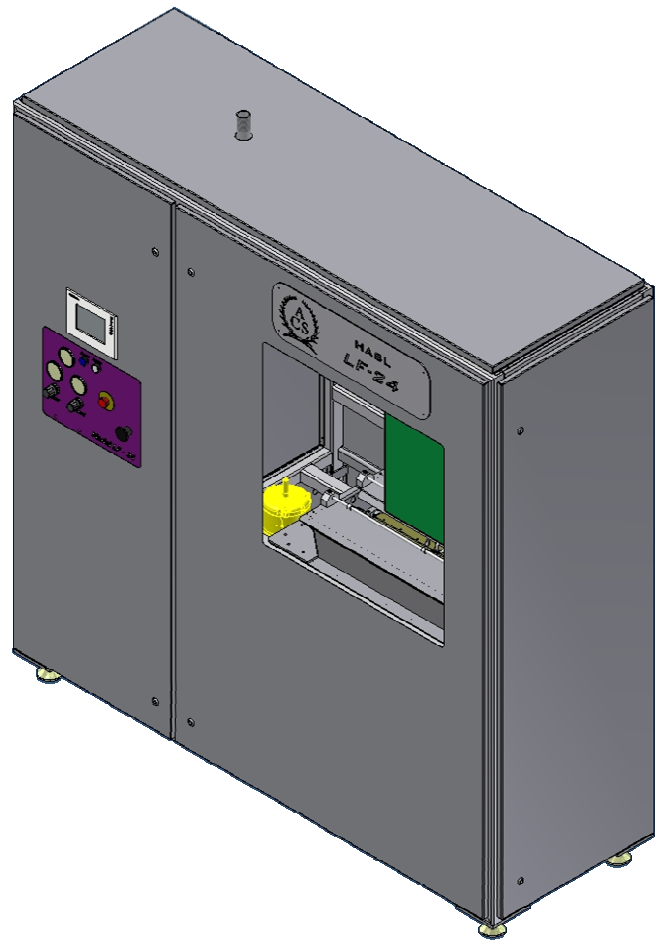


ACS Model LF-24 HASL System



The ACS Model LF-24 HASL was specifically designed to meet the latest requirements of the **Lead-Free** HASL process. The ACS Model LF-24 HASL is a **Simple Low Cost System**. The new features include; Solder Pot with increased Solder Flow and Stand-By Mode Solder Flow Feature. Robust Hot Air Reservoir's for both the Front and Rear Air Knives.

The ACS Model LF-24 is built to the highest standard. Simple operation and maintenance procedures are features of the system. The ACS Model LF-24 is designed with operator safety and simplicity in mind. The system is fully enclosed with stainless steel interlocked doors and a safety window. All covers are easily removed to allow access for cleaning and maintenance. The specially designed Clamping System eliminates the need to punch holes and the fully adjustable Front Air Knife leaves the finish that you and your customers require.

Lead-Free Features:

Solder Pot: Robust Solder Pot manufactured with high grade ¼" thick Stainless Steel material to withstand higher processing temperatures.

Solder Pot Motor: The Solder Pot Motor is driven by a variable drive motor which enables you to adjustable Solder Flow to fit your requirements.

Solder Pot SBMF: The Solder Pot Stand-By Mode Features reduces dross build-up in the Solder Pot while PCB's are not being leveled. If the system has not been cycled for 30 seconds (time is adjustable), the Solder Pot Motor will reduce to minimal speed slowing down the Solder Flow.

Hot Air Reservoir: Each Air Knife is supplied with a 686 cubic inch Hot Air Reservoir. That is 1,372 cu/in of Heated Air!

Model LF-24 Standard Features:

Programmable Logic Controller (PLC)

The PLC controls and or monitors all the functions of the Model LF-24 HASL system.

Operations Parameter Display

The Touch Screen is the main controller of the system. You can adjust the Set Points of the Clamp Arm Up/Down Speed, Solder Pot Temperature, Solder Pot Solder Flow and Air Knife Temperature, Dwell Time of the Solder Pot and the Level Time of the Air Knives. The Fault and Alarm Screens assist in instant trouble shooting.

Manual Functions

Operator can manually blow the Air Knives, position the Clamp Assembly in either the up or down position while the machine is not in operation.

Air Knife Adjustments: The front Air Knife angle and distance can be adjusted. The front and rear Air Knives are independent of each other and can be easily removed from the Air Knife Chamber for complete access to the Solder Pot.

Clamp and Air Knives: The Clamp and Air Knives are constructed out of High Grade Titanium.

Construction: Balance of system constructed of 304 Stainless Steel.

Manuel Safety Door: Ensuring the safety of the operator during the leveling cycle.

Warranty: 6 month parts, FOB our factory.



Technical Features:

Max Dimensions of the PCB: 24" x 24" - 610 x 610 mm

Max Thickness of the PCB: .250" – 6.5 mm

Dimensions of the Machine: 80.5" x 28" +13" for Flux Trap x 82.5" adjustable
2045 x 1041 x 2096 (L x D x H)

Weight of the Machine: ± 1,760 lbs - 800 Kilo

Solder Pot Capacity Tin/Lead: ± lbs - Kilo

Solder Pot Capacity Lead-Free: ± 670 lbs - 304 Kilo

Power supply: 3 Ph., 208-240 VAC, 60 Hz, 70 Amps

Compressed Air: 100 – 120 PSI, 60 - 80 CFM, 1 ¼" air line

Exhaust Extraction: 600 CFM - 2000 m3/hour

Diameter Extraction Duct: 7 ⅞" - 200 mm

Machine Construction: 304 Stainless Steel

To complement the HASL system, ACS offers a complete line of Horizontal Pre/Post Cleaning Systems, Fluxing Systems, Dryers, and Material Handling Systems. For further info call ACS direct at 479-846-2403 or visit www.acs-tech.com.



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