

SOLDER RECOVERY SYSTEMS

EVS

World leaders in solder recovery
EVS International

8K

10K

8KLF

10KLF

The new EVS 8K and 10K range has the capacities for single operation dedrossing of even the largest wave soldering machines. Its large integrated hopper makes rapid transfer of dross both simpler and safer, and speeds dedrossing times by up to 75 percent. This provides a cleaner wave with less maintenance, less downtime, and a reduction in shorts and bridging as well as the potential to discontinue the use of messy wave oils and/or dross reduction powders.



Available in two forms:
Standard Lead Solders & Lead-Free Solders

EVS INTERNATIONAL the World Leader in Solder Recovery launches the new EVS 8K and EVS 10K systems as part of the EVS Series Solder Recovery systems.

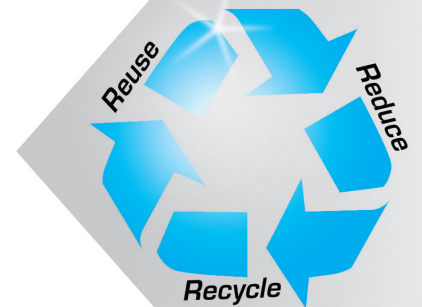
Extensive feedback from the market has enabled EVS International to implement all the customer feedback and suggestions in the new range and offer machines that satisfy the high standards required from a modern manufacturing environment particularly with regard to reliability, ease of operation, maintenance and environmental management.

What you put in is what you get back

Thousands of laboratory analyses have shown that the quality of solder recycled with the EVS Solder Recovery System is exactly the same as the quality in the solder pot.



ISO 14001



Some of the benefits EVS customers are getting with the NEW EVS 8K/8KLF and EVS 10K/10KLF Solder Recovery Systems

- RAPID ROI (Return on Investment) (Months Not Years)
- Recovers 50-80% pure solder from dross.
- Saves up to 50% in solder costs.
- Reduces dross off site by up to 80%.
- Reduces de-drossing time by up to 85%.
- Self-contained process reduces handling of dross.
- Uses no chemicals, additives or toxic substances.
- ISO14001 - EVS helps you attain & retain accreditation.

EVS Solder Recovery Systems Help You

- * Improve wave solder machine effectiveness by reducing shorts. **Less rework = more profit.**
- * **Clean up your process.** No need for dross-reducing powders or wave oils or nitrogen
- * Dramatically **Reduce Nitrogen** consumption.

Turning Dross into Dollars

EVS - SO SIMPLE YOU WILL HARDLY BELIEVE IT - SO EFFECTIVE YOU HAVE TO!

THE PROCESS: EVS Solder Recovery System and its patented process uses heat and pressure inside a magnetized cylinder to separate and return your pure solder into the ingot tray. The remainder of the material is automatically ejected down a **SEALED CHUTE** into the dross bucket.

THE QUALITY FACTS: Thousands of solder assays prove that the recovered pure solder is exactly the same specification as the solder in your WSM pot. This has been authenticated by the solder manufacturers and confirmed by the International Tin Research Institute. Please look at **SOLDER QUALITY** on our website, www.solderrecovery.com.

SUPPORT: EVS International supports its product through 24-hour availability of spares and service and by partnering with quality distributors who all have **TRAINED TECHNICIANS AND COMPREHENSIVE SPARES** stockholding.



Dross before using EVS Dross after using EVS Solder after using EVS

EVS 8K/10K RANGE SPECIFICATIONS EVS is constructed mainly of stainless steel and cast grey iron and is controlled by integral software with LCD service prompt.

TOTAL SYSTEM WEIGHT 150 Kg / 320 lbs

DIMENSIONS Height 960 mm / 39in Length 1195 mm / 47 in Width 510 mm/20 in

SERVICE REQUIREMENTS

Line Power: 210 / 240 volts AC 50/60 Hz Single phase 2.4 KVA

Compressed Air: 88 psi / 6 kg/cm² @ 3.4 cu metres/hr or 2 cu ft/min.

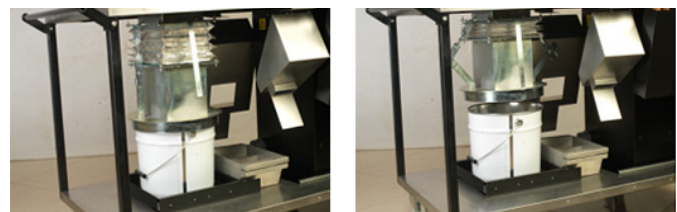
Capacities:

8K & 10K SYSTEMS: 8K: 10 Kg/22 Lbs 10K: 20Kg/44 Lbs capacity for hot lead dross

8KLF & 10K LF SYSTEMS: 6 Kg/14 Lbs 10KLF: 12Kg/28 Lbs capacity for hot lead free dross

FILTRATION Standard and high solids systems are available.

Both systems have a new light warning system indicating when filters need to be replaced



New dross chute with sealed bellows and clamping system, making a air tight seal.



New loading tray increases the size of the loading area.

SAFETY FEATURES

- * Fail safe cut out switches for EVS Systems
- * Emergency stop
- * Automatic over temperature cut out
- * Fuse protected circuits
- * Additional temperature control for heaters
- * Solid state relays
- * Integral hopper lock
- * Solder tray lock
- * Air knife on solder tray
- * Air knife of dross chute
- * Automatic cover open cut out

- * Pull out tray for solder ingot tray
- * Pull out tray for filter box
- * Pull out tray for dross bin / bucket
- * New Filter option machine does not run if filter is blocked or turned off

OPTIONS

- * Spare Solder Trays: Optional for multiwave dedrossing
- * Spares Kits: Levels L1, L2, L3
- * Filter Kits: Levels F1, F2, F3



Head Office. Etek Technology Centre, Dow Road, Prestwick Aerospace Park, Monkton, Prestwick KA9 2TU

T. +44(0)1292 834 000
E. Sales@etek-europe.com
W. etek-europe.com