

EVSWorld leaders in solder recovery
EVS International

EVS

Solder Recovery System

- **Rapid Return On Investment –**
- **Months not years**
- **Reduces solder purchases by up to 50%**
- **Reduces dross off site by up to 80%**
- **Reduces dedrossing time by up to 85%**
- **ISO 14001 - EVS helps you attain or retain this accreditation.**
- **Improves wave solder machine effectiveness by reducing shorts.**
- **Less rework = More profit.**

LEAD FREE COMPATIBLE NOW!

EVS IS THE LEAN - CLEAN - GREEN MACHINE

LEAN - Because by **recovering up to 75%** on average **pure solder** by weight from solder dross, customers reduce the usage of solder in the wave soldering process by **50%**.

The **EVS** achieves a **rapid payback** on its purchase price within **months not years.**

The **EVS** has low running costs only a single-phase socket and a standard airline.

Using **EVS** means **no financial penalty to regular de-drossing**; operators can **half the dedrossing time** returning all the **solder to the pot.**

CLEAN - Because the self-contained process avoids **excessive handling** of heavy, dirty dross, and a **massive reduction in storage and transportation.**

The **EVS** operates with an integral filtration system – filtering smells and fumes.

The **EVS** uses **NO chemicals, radiation, additives** or other **noxious substances.**

GREEN - Because the **EVS** **recovers** waste material **on site** at the point of manufacture **helping the environment.**

The **EVS** reduces **heavy lifting** and transportation of materials back to the supplier reducing **fuel usage** and ozone induced smog.

The **EVS** reduces paperwork, storage and administrative time and **energy.**

Because the **EVS** **recycles on site** it makes a **significant contribution** to attaining and retaining **ISO 14001.** **RECYCLE** - **REDUCE** - **REUSE**



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 magnetised 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: Hundreds 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 Council**. Please look at SOLDER QUALITY on our website.

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.

Turns Dross into Dollars \$ - Gives you a Rapid Return On Your Ivestment.

Specification: 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

Overall Height 1020 mm

Overall Length 1200mm

Service Requirements:

Line Power:

210/240 volts AC 50/60 Hz single phase 2.2 KVA

Compressed Air:

95 psi/6.5 kg/cm² @ 3.4 cu metres per hour or 2 cu ft/min.

Capacities:

Dross Input

EVS 3000

EVS 6000

10 Kg/22 lbs

20 Kg/44 lbs

Solder Output

8 Kg/18 lbs

18 Kg/40 lbs

Filtration:

The integral fan/filtration unit contains four separate filter medias and is effective down to 1 micron.

Safety Features:

Includes emergency stop, automatic over temperature cut out, fully protected circuits, tray lock, hopper loading lock, visual light stack, air knife and **CE approval**.

Options:

One only = Extra solder ingot trays to facilitate multi wave use.

Web Site: www.solderrecovery.com

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Your local distributor for EVS International.