



For all Your Machine, Spares & Service Requirements

The Original Distributor of GRP Equipment for UK & Eire

The Original & Still the Best

CT Solvent Recovery Systems

The Most Cost Effective Solution for Managing Solvents

- ELIMINATE WASTE SOLVENT DISPOSAL COSTS
- REDUCE SOLVENT PURCHASES BY UPTO 80%
- ELIMINATE STORAGE OF DANGEROUS USED SOLVENTS
- A FULL RANGE OF MACHINES TO SUIT YOUR USAGE & BUDGET
- AIR COOLED CONDENSER, VERY LOW RUNNING COSTS
- UN-EQUALLED BUILD QUALITY & SAFETY FEATURES
- AUTOMATIC OPERATION



- UNIQUE REMOVABLE TANK
- QUICK TURNROUND AT END OF CYCLE
- INTEGRATION WITH OTHER EQUIPMENT
- SEALED COLLECTION OF WASTE THROUGHOUT WORKSHOP



- THERMOPROOF DISPOSABLE BAGS
No need to scrape out after each cycle - Safer, Easier, Faster - Cheaper

Solvents play a vital role in many processes across a wide range of industries. The ever rising cost of solvents and the increasingly stringent regulations covering their disposal has caused many organisations to review their procedures to see if some economies can be made.

The good news is that, for a modest capital outlay CT Composites (UK) can supply an appropriate system so that very significant savings can be made in both solvent usage and disposal costs. After installing a solvent recovery system, our customers typically report:

- ▶ Reduction in new solvent purchase of up to 80%
- ▶ Savings of 90% in disposal costs
- ▶ Payback period of a few months
- ▶ Very low running costs
- ▶ Reduced storage space for new and used solvent

In addition, VOC emissions have been greatly reduced, improving the environment in the workplace and beyond. It's definitely a win-win situation!

CT Composites is the exclusive distributor of IRAC solvent recovery systems in the UK. We have found that IRAC systems are vastly superior to similar products from other manufacturers.

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OPERATION

Waste solvent is deposited into a removable tank fitted with a disposable heat-resistant bag. When full, the tank is placed in a thermostatically controlled bath and heated. This evaporates the solvent, leaving the residue in the tank, and the vapour is passed through an air-cooled condenser, from where the pure, re-usable solvent drains into a storage drum. The process is enclosed, minimising VOC emissions. Once the solvent is fully distilled, the bath is switched off and the tank can be removed and allowed to cool. Another fully charged tank can then be inserted, to maintain maximum throughput. (In other systems, a period of several hours is required to allow the fixed evaporator tank to be re-charged.) When the tank is cool, the bag containing the non-hazardous residue can be removed and disposed of normally.

Who needs it?

Any industry that involves processes which use solvents. For example, painting and finishing, glass fibre fabrication, wood and metal, printing. Typical solvents include acetone, methylene chloride, gunwash and paint thinners.

We can supply the full range of IRAC products, and will be happy to help you select the model that best suits your needs. Models range from the AV20, which can handle up to 16 litres in one batch, to the AV200, which handles up to 174 litres. All models take about 4 hours to distil their full capacity. Using a second removable tank up to three cycles a day are possible.

Maximum evaporation temperature is 200°C, but solvents with higher boiling temperatures (for example those used for manufacturing screen inks), can be handled by adding a vacuum unit.

The recovered solvent can be re-cycled many times over, greatly reducing the demand for new solvent.

KEY FEATURES

- Simple Automatic Operation - Load tank, set timer & leave
- Low Running Cost - Recovered solvent from as little as 3p per litre
- Air Cooled Condenser - Much cheaper to run than water cooled machines
- Copper or Stainless Steel Condensers - Dependent on solvent used
- Max Temperature 200°C - Higher boiling point solvents can be recovered using a Vacuum tank option
- Unique Removable Tank - will process up to 3 times more solvent per day
- Thermoproof Disposable Bag - No need to scrape out tank after each cycle
- Integration - Keeps solvents contained throughout your workshop
- Indirect Heating with diathermic oil bath
- Over temperature cut-outs
- Unrivalled Build Quality & Safety Features
- Flexible Outputs - Machines from 16 to 174 litre capacity
- Fully Compliant with CE Norms & Atex 94/9/CE directives



MODEL	AV20	AV30	AV70	AV110	AV200
Tank Capacity	16 Litres	26 Litres	74 Litres	124 Litres	174 Litres
Voltage	240v	240v	415v 3 phase	415v 3 phase	415v 3 phase
Heating Power	1.6kw	2.0kw	6.0kw	12kw	12kw
Output	5-6 litres p/hour	6-8 litres p/hour	13-15 litres p/hour	23-25 litres p/hour	25-30 litres p/hour



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