



# FORMECO Solvent Recovery Sys-



**FORMECO** solvent recovery system allow the recycling and the re-use of degreasing and washing solvents. Through a simple distillation process, they separate the contaminants (resins, polymers, pigments, paints, oils, etc.) from the original solvent. The boiling of the solvent is accomplished by a peripheral heating jacket filled with diathermic oil, heated by an electrical element.

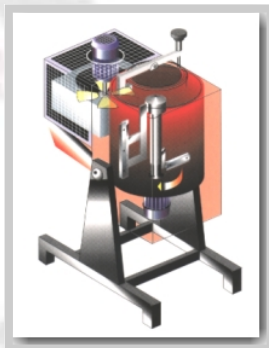
The vapours are then conveyed to a condenser cooled by air or water. The condensed solvent is collected in a tank, for its reuse.

The contaminants remain as a residue inside a disposable bag named "Rec-Bag" or by tilting the unit itself. The distilled solvent characteristics are not altered by the distillation process, which can be carried on repeatedly.

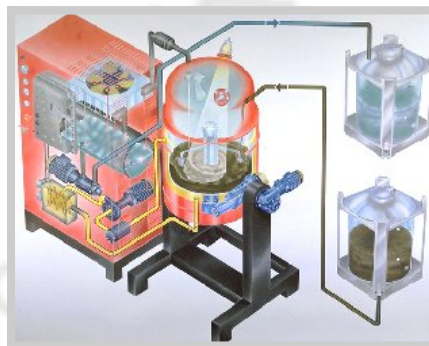


## Range of units

Capacity from 7 - 1000 litres



**Dynamic Series**



**Industrial Series**



**DIsstatic Series**

The industrial models are equipped with a Rotating Scraper (optional) having adjustable metallic blades which keeps the content to be treated constantly in movement allowing maximum extraction of the solvent, concentration of the residues and avoiding the residues to stick to the boiler's walls and bottom.

The Lathed boiler, built with 8 mm AISI 304 stainless steel, guarantees a particular resistance and duration. The over dimensioning of the geometric capacity respect to the maximum load level allows a perfect separation between solvent and contaminants, reducing eventual entrainments. The predominance of the diameter on the deepness which amplifies the evaporating area, and the complete balancing of the plant, optimizes the process making very easy every kind of cleaning operation and waste unloading.

The Microprocessor Control allows the proper use of the plant to treat different kinds of products. The process, which can be divided in different segments, up to 6, allows to gear the values of disbursement contextually to the evolving of the chemical and physical phenomenon induced, and particularly in reference to the specific heat, to the latent heat of vaporization, to the vapour tension and the range of the temperatures of distillation.

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# FORMECO

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### **Dlstatic Series**

### **Dynamic Series**

- Capacity of 30 - 60 - 120 litres

### **Industrial Series**

- Capacity 150 - 250 - 400 - 600 - 1000 litres