

SOLVENT RECOVERY SYSTEMS



Professional

Industrial

Ergonomic

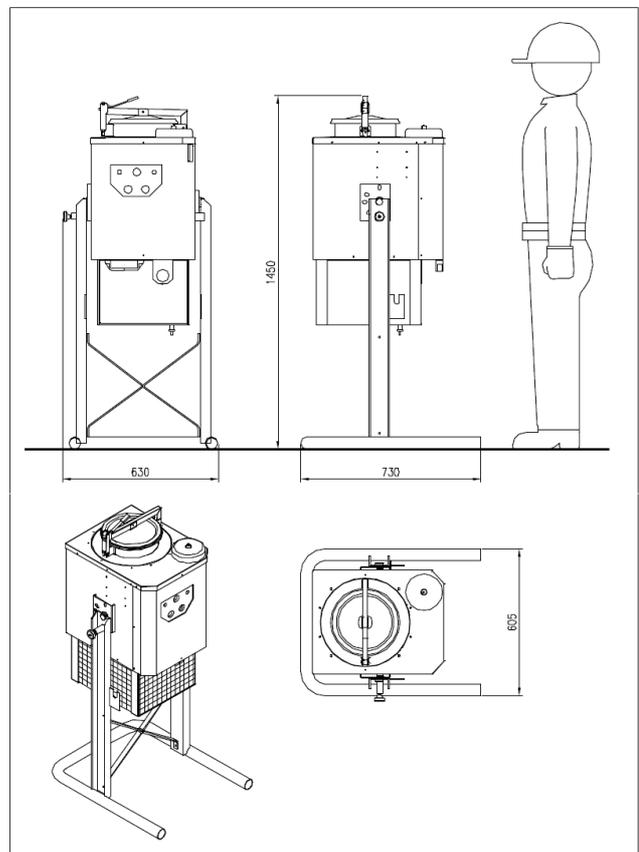
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SERIES STANDARD "DISTATIC"



Model Di15 Ax LCD

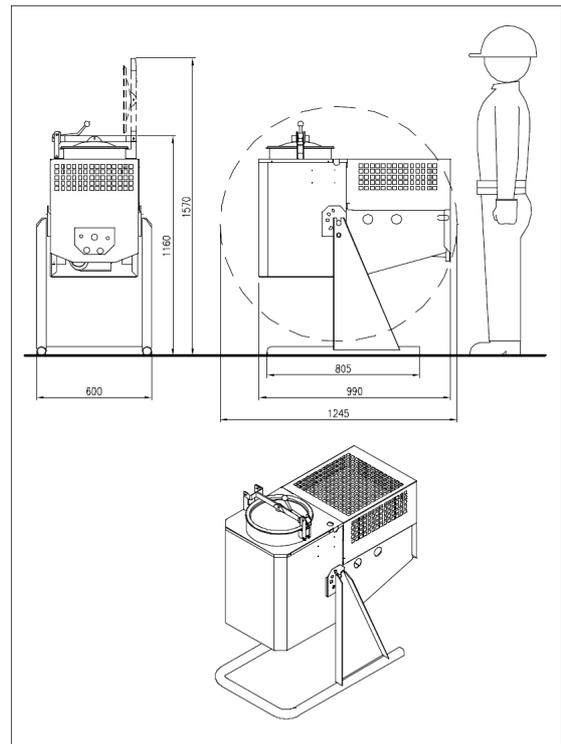
- Explosion proof version Ex ATEX approved
- For recycling of flammable and not flammable solvents
- Loading capacity: 15 litres
- Total volume of the boiler: 19 litres
- Inner diameter of the boiler: 240 mm
- Processing time: hours 3,30 - 4,30
- Working temperature: 50 - 180 °C
- Operating: atmospheric pressure
- Voltage: 230 V - 50 Hz
- Electrical supply: single phase + earth
- Connected power: 1040 W
- Electrical protection: II2G IIA T3 to T2
- Vapour condenser: stainless steel – cooled by air
(on request - version "Wx" - cooled by water in open circuit)
- Cover gasket: standard
- Dimensions: cm 55 x 65 x 165 H
- Weight: 67 kg
- Packing list for shipment: Cardboard
- Cm 70 x 63 x 117H - Kg. 74



SERIES STANDARD “DISTATIC”

Model Di30 Ax LCD

- Explosion proof version Ex ATEX approved
- For recycling of flammable and not flammable solvents
- Loading capacity: 30 litres
- Total volume of the boiler: 43 litres
- Inner diameter of the boiler: 320 mm
- Processing time: hours 3,30 - 4,30
- Working temperature: 50 - 180 °C
- Operating: atmospheric pressure
- Voltage: 230 V - 50 Hz
- Electrical supply: single phase + earth
- Connected power: 2040 W
- Electrical protection: II2G IIA T3 to T2
- Vapour condenser: stainless steel – cooled by air
(on request - version “Wx” - cooled by water in open circuit)
- Cover gasket: standard
- Dimensions: cm 60 x 99 x 116 H
- Weight: 142 kg
- Packing list for shipment: Cardboard on pallet
- Cm 74 x 113 x 143H - Kg. 156



ADDITIONAL

“REC BAG” Bags for Distillation Residues

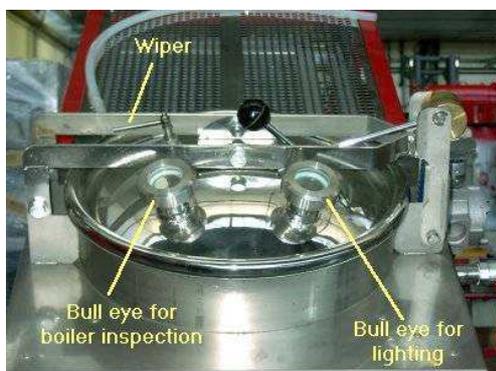
The use of “Rec Bag” allows achieving a high concentration of solid contaminants (paints, pigments, resins, polymers, inks, etc.) with a consequent higher distillation yield. It means to get a process residue with very low solvent contents; this residue, contained inside the bag, is easy and quick to discharge, avoiding any contact with sludge and any cleaning of the boiler.



RecBag 15 litres 50 pieces package

RecBag 30 litres 50 pieces package

OPTIONAL



BULL'S EYES WITH WIPER

Couple of bull's eyes with wiper for easy inspection inside the boiler during the distillation process and allowing a second loading without opening the cover

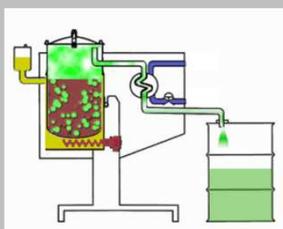
For 15 litres units

For 30 litres units



FUNCTIONING PRINCIPLE

The units of the D1static series are distillers which allow the recycling and the re-use 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.



TERMS

D1static

Distillation units with tilting boiler: residue unloading by means of mono-use bags “Rec Bag” (for solid contaminants) or tilting the unit (liquid contaminants). In the event of solid contaminants, the concentration of the process residues inside the bag is excellent: a solid cake which is easy to dispose off.

Di = Explosion Proof

Distillation units with explosion proof electrical protection, I12G IIA T3 to T2, for treating Inflammable and Not Flammable solvents, able to operate in the maximum danger zone (zone 1).

15-30 = Loading capacity

Effective loading capacity of the boiler (litres)

Ax = Air condenser

Vapour condenser made of Stainless Steel AISI 304 cooled by air with a ventilation fan.

LCD = Liquid crystal display

Control board with LCD for time regulation.