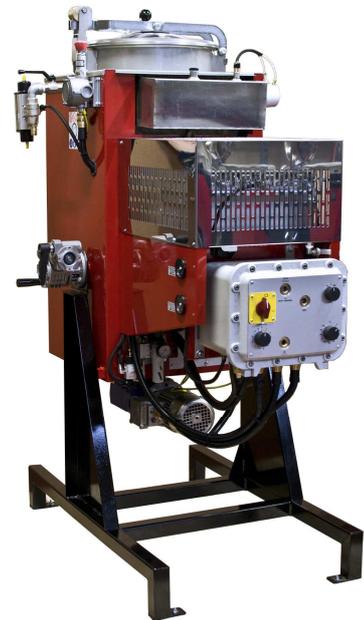
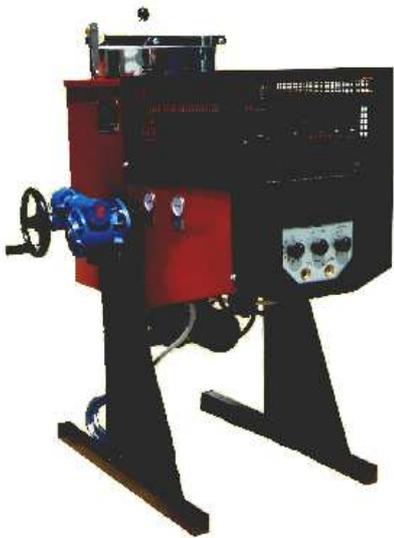




SOLVENT RECOVERY SYSTEMS



Professional

Industrial

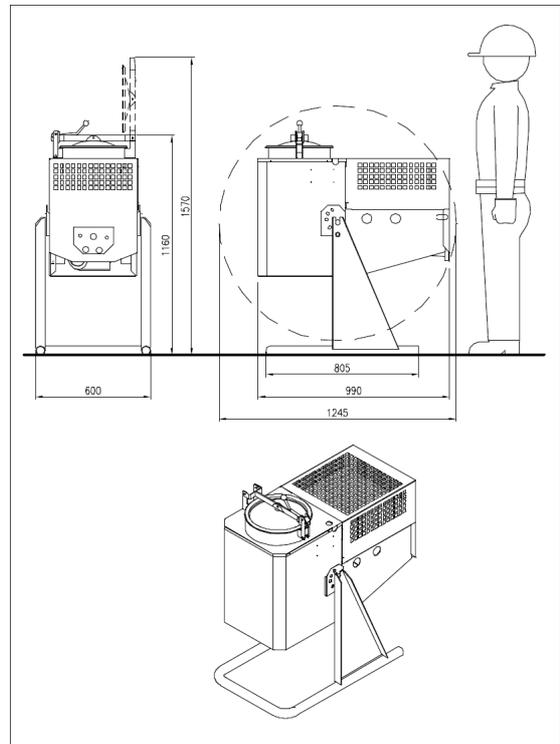
Ergonomic

Formeco s.r.l.
Via Cellini, 33
35027 Noventa Padovana
Padova – Italy – www.formeco.com

SERIES STANDARD “DYNAMIC”

Model DiQ 30 Ax LCD

- Explosion proof version Ex ATEX approved
- For recycling of flammable and not flammable solvents
- Loading capacity: 25 litres
- Total volume of the boiler: 43 litres
- Inner diameter of the boiler: 320 mm
- Processing time: hours 4,00 - 5,30
- Working temperature: 50 - 180 °C
- Operating: atmospheric pressure
- Voltage: 400 V - 50 Hz
- Electrical supply: three phases + earth
- Connected power: 1980 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 105 x 116 H
- Weight: 176 kg
- Packing list for shipment: Cardboard on pallet
- Cm 74 x 113 x 143H - Kg. 189

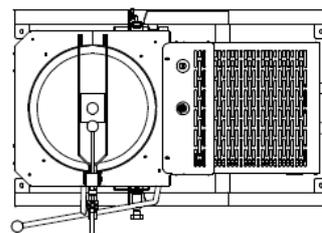
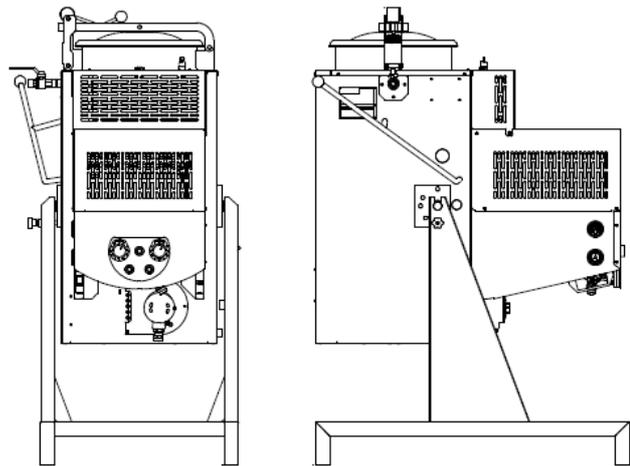


SERIES STANDARD “DYNAMIC”

Model DiQ 60 Ax LCD



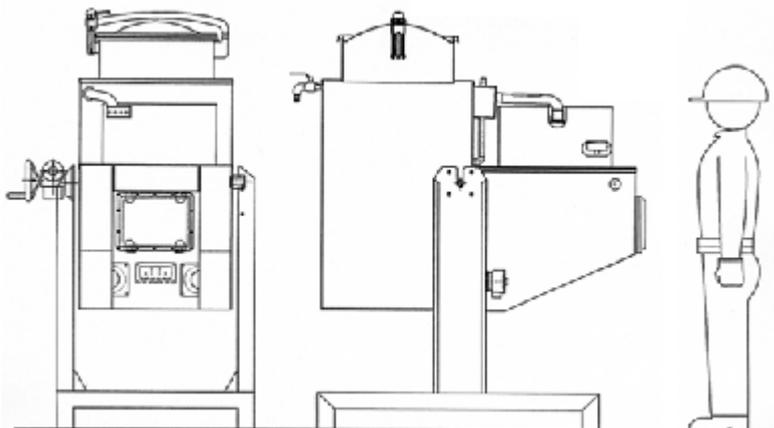
- Explosion proof version Ex ATEX approved
- For recycling of flammable and not flammable solvents
- Loading capacity: 60 litres
- Total volume of the boiler: 103 litres
- Inner diameter of the boiler: 400 mm
- Processing time: hours 4,00 - 5,30
- Working temperature: 50 - 180 °C
- Operating: atmospheric pressure
- Voltage: 400 V - 50 Hz
- Electrical supply: three phase + earth
- Connected power: 4200 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)
- Dimensions: cm 110 x 75 x 165 H
- Weight: 260 kg
- Packing list for shipment: Cardboard on pallet
- Cm 118 x 153 x 197H - Kg. 322



SERIES STANDARD “DYNAMIC”

Model DiQ 120 Ax LCD

- Explosion proof version Ex ATEX approved
- For recycling of flammable and not flammable solvents
- Loading capacity: 120 litres
- Total volume of the boiler: 210 litres
- Inner diameter of the boiler: 500 mm
- Processing time: hours 4,00 - 5,30
- Working temperature: 50 - 180 °C
- Operating: atmospheric pressure
- Voltage: 4000 V - 50 Hz
- Electrical supply: three phases + earth
- Connected power: 7500 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)
- Dimensions: Cm 130 x 91x 200 H
- Weight: 402 kg
- Packing list for shipment: Cardboard on pallet
- Cm 175 x 135 x 217 H - Kg. 533



INNER SCRAPER

Distillation units with tilting self-cleaning boiler equipped with scraper having adjustable metallic blades for the highest concentration/drying of the process residues.

Keeping in movement the product to be treated we obtain the complete separation between solvent and contaminants, for the highest yield on distillation.

An automatic drying cycle allows the residues to be extracted as a powder. Discharge by tilting the plant.



EASY LOADING

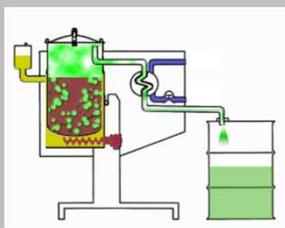


Easy loading of the polluted solvent to be treated set by push-button with level control.

Loading by Pneumatic pump or exploiting the depression generated by the vacuum group (where available).

FUNCTIONING PRINCIPLE

The units of the Dynamic 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 concentrated residue (or powder) on the bottom of the boiler, easy to unload by tilting the unit. The distilled solvent characteristics are not altered by the distillation process, which can be carried on repeatedly.



TERMS

Di = Explosion Proof

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

Q = DYnamic

Distillation units with tilting self-cleaning boiler equipped with scraper having adjustable metallic blades for the highest concentration/drying of the process residues.

30-60-120 = 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.