



FORMMECO®

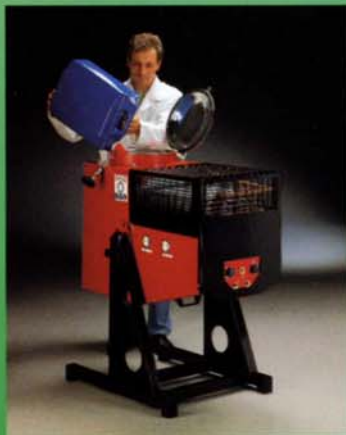
Distillatori per solventi
Solvent recovery systems
Lösemitteldestillationsanlagen
Distillateurs pour solvants
Destiladores para disolventes



D12 A



D25 A



CE



TÜV
PRODUCT SERVICE

Distillation equipment and solvent recovery systems

CHARACTERISTICS.

FORMECO Units allows the recycling and then the re-use of solvents used for washing and degreasing in the different fields of use.

Exploiting the principle of distillation, they separate the polluting products (resins, pigments, paints, inks, oils, etc.) from the original solvent, which is recovered in a container for the successive re-use.

The polluting product remains in the bottom of the boiler at the end of the cycle and can be easily discharged by tilting it.

The characteristics of the processed solvent are not altered by the process which can be, consequently, indefinitely repeated.

FUNCTIONING PRINCIPLE.

The boiling of the polluted solvent takes place in a boiler, made of INOX AISI 304 Steel, that forms an unique block together with a heating shell containing diathermic oil, heated by one or more electric resistances.

The produced vapours are channeled into an air-cooled condenser. The solvent thus condensed is directly collected into an outside tank and then re-used.

The cover of the unit does not allow the escape of solvent vapours during functioning.

OPERATING.

The distillation cycle is fully automatic (3); the operator interventions are limited to the solvent loading (1), setting of the distillation time and the temperature (2), and final unloading of the solid and liquid residues (4-5).

CLEANING.

The cleaning is easy and immediate.

To discharge, in case of liquid residues, it's sufficient to tilt the boiler (5). The concentrated or dried residues (paints, resins, polymers, pigments) are unloaded by means of the "Rec Bags" (4) which avoid any operator's manipulations.

The final result of the process is a solid residue.

SAFETY.

The unit operates at the atmospheric pressure.

In case of abnormal temperature increases or faulty motorventilator, the apparatus stops automatically.

Certificates: "EEx or IIB" released by P.T.B. and T.Ü.V. (D). Other certificates released by: T.Ü.V. Austria, Asev Suisse (S), DBE Norway, S.E.I. Sweden.

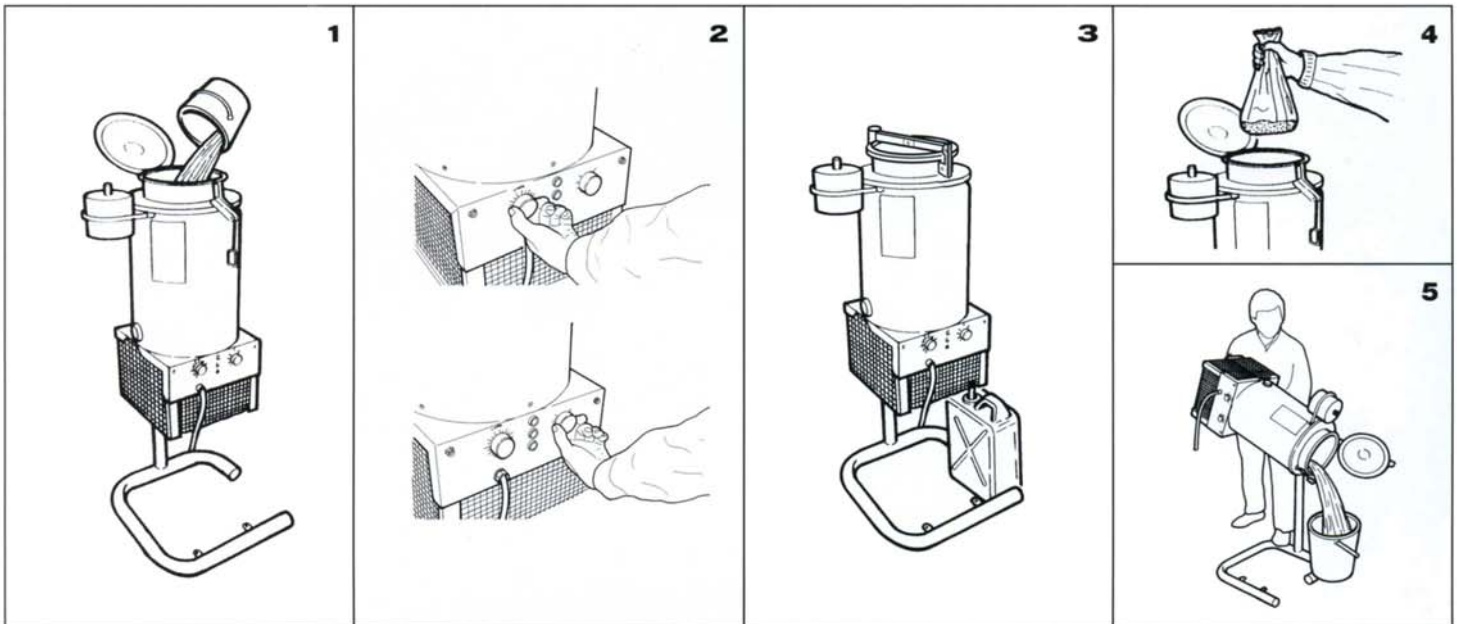
Formeco units are self-certificated CE.

VACUUM DISTILLATION (OPTIONAL).

Coupled with pneumatic vacuum generators, the plants can vacuum distil. Vacuum distillation allows to reduce boiling temperatures. This operation comes out particularly advantageous when you want to recycle thermolabile (chlorinated) solvents, in order to avoid their decomposition, and solvents with boiling temperature higher than 200 °C.

INTERESTED INDUSTRIAL FIELDS.

Mechanical, Metalmechanical, Electronic, Chemical, Pharmaceutic, Paints, Glass-resins, Plastic materials, Auto bodyshop, Wood, Tanning, Goldsmith, Graphic arts.



MODEL	GEOMETRICAL CAPACITY	LOADING CAPACITY	WORKING TEMPERATURE	PROCESSING TIME	ABSORBED POWER	PROTECTION	TEMPERATURE CLASS	FLAMMABLE SOLVENTS	NON FLAMMABLE SOLVENTS	DIMENSIONS	WEIGHT
	LITRES	LITRES	°C	HOURS	kW					mm	kg
S7 A	11	7	180	2.30 ÷ 3.30	0.81	AD - T IP-44	T 2	*	•	500 x 500 x 1300	40
S12 A	20	12	180	3.30 ÷ 4.30	0.81		T 2	*	•	550 x 650 x 1650	54
S25 A	40	25	180	3.30 ÷ 4.30	1.62		T 2	*	•	650 x 1000 x 1500	110
D12 A	20	12	180	3 ÷ 4	1.04	EEx od IIB	T 2	•	•	550 x 650 x 1650	67
D25 A	40	25	180	3 ÷ 4	2.04		T 2	•	•	650 x 1000 x 1500	142

POWER SOURCE: 230 VOLTS 50 - 60 Hz SINGLE PHASE built according to the norms CEE 89/392 - 91/368 - CEI 64-2 - EN 50 014/015/018

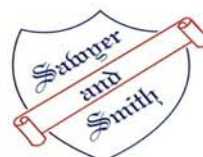
* IN THE COUNTRIES WHERE IT IS ALLOWED BY THE EXISTING NORMS AND RESPECTING THE PARTICULAR CONDITIONS OF INSTALLATION AND USE

FORMECO RESERVES ITSELF THE RIGHT TO BRING MODIFICATIONS WITHOUT ADVISING - MADE BY FORMECO VIA CELLINI, 33 - 35027 NOVENTA PADOVANA (PD) ITALY



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Contact information update:

We have begun the long arduous process of moving our office.
Please continue to direct mail to:

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Castalia, Ohio 44824

All phone contact to:
423.289.6894

All other email and website information remains the same. You can contact us at any of the existing web addresses. Email is received remotely and responded to more quickly and efficiently than a phone message. If you call the office, please leave a thorough message INCLUDING your email address so that we can send you the required information as soon as possible.

Thank You.