

FORMECO SOLVENT RECOVERY MACHINES

Marketed in India by

Neotech Equipments Pvt. Ltd.

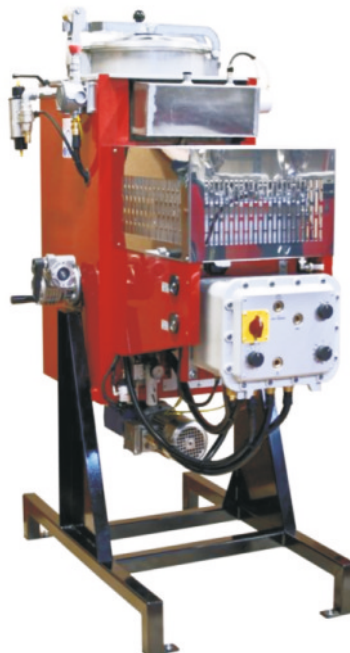


The Technology at the
service of environment
for the last 50 years.

Think Green



FORMECO-Distiller D 160 AX



FORMECO-Distiller DiQ 60 AX LCD



FORMECO-Distiller DQ 400 WX

Di Series | D Series | DQ Series

Recycle-Recover-Reuse-Cut Cost-Save Money

FORMECO SOLVENT RECOVERY MACHINES

ABOUT FORMECO



Established in 1971 in northern Italy, FORMECO has a global experience of more than 50 years in manufacturing Solvent Recovery Systems; with more than 70,000 machines supplied globally.

In 2007, FORMECO appointed NEOTECH EQUIPMENTS PVT. LTD. as their representative in the Indian subcontinent. Their dynamic collaboration has already resulted in more than 100 satisfied customers in automotive paint shops and many other industries in a short duration of time. (Refer last page for customer list).

CONCEPT

Companies all over the world are benefiting from the use of FORMECO's Solvent Recovery Machines, both environmentally and economically, with the machine usually paying for itself within 1 year.

The distilled solvent characteristics are not altered by the distillation process, hence distillation can be carried out repeatedly.

The distillation units reduce the volume of hazardous materials on site and also eliminate the need to transport liquid hazardous waste off-site.

WORKING PRINCIPAL

- FORMECO units are distillers which follow the principal of simple distillation; 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 the boiler and can be removed using multiple options.
- The distilled solvent characteristics are not altered by the distillation process, which can be carried on repeatedly.



Distiller D 60 AX



Distiller D 120 AX with Microprocessor
& Anti-Foaming Kit



Distiller D 160 AX with Liquid Ring Pump
+ Oil Cooling Unit



Distiller D 230 AX with Bottom Valve + Vacuum

FORMECO SOLVENT RECOVERY MACHINES CATEGORIES

DI SERIES: DI-STATIC STANDARD MODELS

- Entry level models with capacity varying from 15 Ltrs to 160 Ltrs - Solvent Distillation capacity Per Cycle (4-5 Hrs).
- Time and Temperature to be set to be for each cycle.
- Machine can operate unattended and stops as per the set time.
- Recovery bags are used for ease of collection of paint sludge and easy disposal.
- Models available for Flammable Solvents (Di Series) & Non- Flammable Solvents (Si Series)

D SERIES: DI-STATIC PROFESSIONAL MODELS

- Professional models with wide range of options and controls available with the user, capacity varies from 60 Ltrs to 230 Ltrs Per Cycle (4-5 Hrs).
- Uses Microprocessor based controlling.
- Allows programming of multiple cycles-for different solvents in your plant.
- Setting TIME and TEMPERATURE for each cycle is not required.
- Advanced features such as automatic loading/unloading of sludge/ running 2 or more continuous cycles available with this model.
- Models available for Flammable Solvents (D Series) & Non- Flammable Solvents (S Series)

DQ SERIES: DYNAMIC SERIES INDUSTRIAL MODELS

- Most advanced models from FORMECO's range- designed for high volumes of solvents with complete automation, capacity varies from 230 Ltrs to 2200 Ltrs Per Cycle (5-6 Hrs.).
- Units controlled with programmable microprocessor with screen, can memorise 10 preset programs.
- Features such as - Self Cleaning Boilers, Oil pump for effective circulation of heating oil, automatic loading & unloading, pneumatic lifting of boiler cover, self lubricating of critical rotary components.
- Advanced options to set concentration of the Sludge (Dryness), acceptable solvent temperature, vapor temperature etc.
- Display with easy to use push buttons for setting of parameters.

MODEL DETAILS

	Di 15 Ax	Di 30 Ax	D 60 Ax	D 120 Ax	D 230 Ax
Loading Capacity	15 litres	30 litres	60 litres	120 litres	230 litres
Dimension :	cm 55 x 65 x 165 H	cm 60 x 99 x 116 H	cm 130 x 90 x 165 H	cm 152 x 118 x 203 H	cm 180 x 150 x 245 H
Processing Time	hours 3,30 -4,30	hours 3,30 -4,30	hours 4,00 -4,30	hours 4,00 -4,30	hours 4,00 -4,30
Working Temperature	50 - 180 °C	50 - 180 °C	50 - 180 °C	50 - 180 °C	50 - 180 °C
Electrical Supply	single phase + earth	single phase + earth	three phase + earth	three phase + earth	three phase + earth
Voltage	230 V - 50 Hz	230 V - 50 Hz	400 V - 50 Hz	400 V - 50 Hz	400 V - 50 Hz
Connected Power	1040 W	2040 W	4200 W	9700 W	17000 W
Wx: Water cooling variant available for all models					



Distiller Di 30 AX LCD



Distiller Di 60 AX LCD easy loading
+ Sending Pump + Bottom Valve

- All models for Flammable solvents are ATEX Approved.
- Additional Vacuum group can be coupled for Solvents with higher boiling temperature or with boiling temperature close to flash point.
- All models can be supplied with Water cooled arrangement at the same cost.



Distiller DVQ 2200 WX with aspiration cap

APPLICATION

As per industrial surveys and reports though we are trying to reduce the usage of Solvents but its overall demand is estimated to increase to 20 Million Tons annually. Our systems find their application in most of the following industries-



Graphic Arts:

1. Flexography
2. Printing
3. Lithography
4. Ink Manufacturers
5. Packaging and Merchandising



Paint Shops and Surface Coating:

1. Car Trucks, Bus, Bikes and Components
2. Aviation, Boats, Yachts
3. Auto-body Workshops
4. Shock Absorber Manufactures



Surface Treatment:

1. Car Components
2. Metal Degreasing
3. Galvanic industry
4. Aerospace Components
5. Watch Dials



Furniture Manufacturers:

1. Doors & Window Frames
2. Wood Articles
3. Decorative Frames
4. Composite Materials



Agriculture, Earth Moving Equipments & Others:

1. Tractors, Trailers
2. Cranes, Excavators
3. Trains & Locomotives



Chemical & Resins:

1. Paint Manufacturers
2. Chemical Plants
3. Pharmaceuticals
4. Cosmetic Industry

LIST OF CUSTOMERS

INDIA



INTERNATIONAL

Automotive



Others



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