

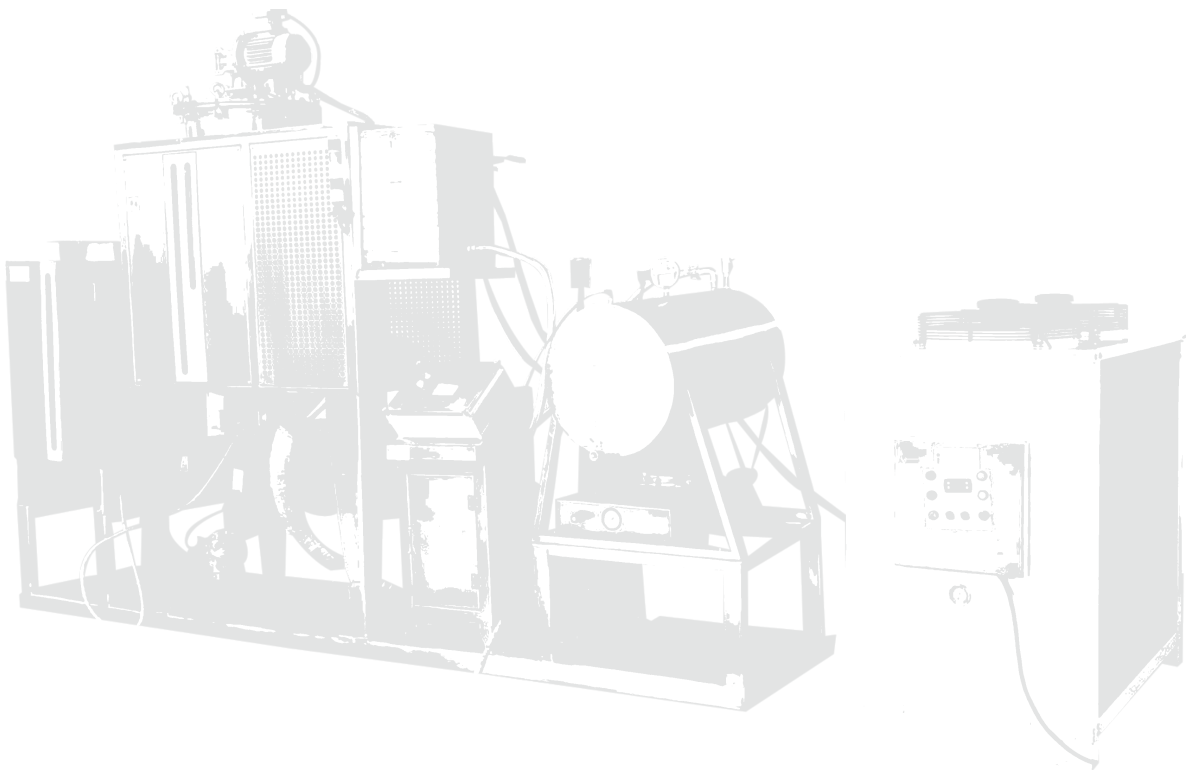


SOLVENT

RECOVERY MACHINE



INNOVATIVE
RECYCLING



www.solventrecoverymachine.com

COMPLETE **FLEXO** SOLUTION
INNOVATIVE
FLEXOTECH PVT LTD
AN ISO 9001 : 2015 CERTIFIED COMPANY

SOLVENT

RECOVERY MACHINE



30L 60L 100L 200L 400L

BATCH CAPACITY

(CM)	30 Ltr.	60 Ltr.	80 Ltr.	100 Ltr.	200 Ltr.	400 Ltr.
Recovery Volume	30	60	80	100	200	400
Machine Size	96x61x94	110x78x120	130x88x130	150x98x150	250x170x250	109x57x82
Power Required	220vAC 3.65 Kw.	220vAC 4.65 Kw.	220vAC 5.65 Kw.	220vAC 6.65 Kw.	415vAC 20Kw.	415vAC 30Kw.
Diathermic Oil Required	20 Kg.	28 Kg.	33 Kg.	40 Kg.	80 Kg.	110 Ltr.
Temperature C°	50 - 180	50 - 80	50 - 180	50 - 180	50 - 180	50 - 180
Recovery Rate	85%	85%	85%	85%	85%	85%
Net Weight	130 Kg.	160 Kg.	200 Kg.	300 Kg.	400 Kg.	800 Kg.
Gross Weight	200 Kg.	230 Kg.	300 Kg.	400 Kg.	500 Kg.	950 Kg.
Crate Size	106x81x104	120x97x130	140x108x140	160x118x160	260x190x240	274x140x201

Main Features

- Processing tank constructed of 304 stainless steel.
- Air cooled condenser in copper.
- Diathermic oil bath heated
- Desludging of container - facility of manual drain valve
- Vertical distillation vessel=Easy cleaning of vessel, no expensive plastic bags any more, no tilting of whole machine necessary
- Small distillation vessel = Fast heating-up solvents, high distillation rate with small machine size possible
- Built according to newest European regulations = High safety and operation standard.
- Pressure safety valve provision

Optional Features

- Desludging of container - facility pneumatic drain valve.
- Automatic and continuous filling system with level controller*
- Equipped with PLC controls linked to pumps of storage and buffer tanks with auto level controller
- For recycling all alternative solvents
- Water cooling = Optimal condensation of solvent vapours even at high ambient temperature.
- Integrated explosion proof electric panel with SIEMENS digital control inside
- e=Automatic operation, Auto-Stop when no thermal oil existent , Auto-Stop when over temperature, Auto-stop when to thermal oil existent
- Smoke detection system with alarm
- Scraper system available to keep the evaporator walls free from settlements.

SCRAPED SOLVENT DISTILLATION SYSTEM



**RETURN ON INVESTMENT
IN AN MATTER OF MONTHS**

SCRAPED SOLVENT DISTILLATION SYSTEM THE INNOVATIVE SOLVENT DISTILLATION SYSTEM

The Innovative Distillation Solvent distillation system is the most durable, reliable, and safe system on the market. The scrape-sided Solvent Recycling System allows you to recover waste solvent, reducing waste and cost.

MAXIMIZE SOLVENT RECOVERY

- Cut Virgin Solvent Purchase Volumes.
- Reclamation Rates As Much As 90%

REDUCED ENVIRONMENTAL IMPACT & INCREASED SAFETY

- Reduce The Risks Associated With Large Volumes Of Hazardous Waste.
- Reduce Your Facility's Environmental Footprint.

WHAT'S MY ROI? (SAMPLE INNOVATIVE ROI)

We are confident that the Innovative solvent reclamation system will save you money, and pay for itself in a matter of months, and we're happy to help you calculate a Return On Investment (ROI). Just answer a few short questions and we'll send you a personalized ROI

	Innovative Recovery	No Recovery
Waste Generated (gal/wk)	1,115	1,115
Percent Solids	5%	5%
Recovered Solvent (gal/wk)	1004	0
Required Makeup (gal/wk)	56	1,059
Disposal Amount (gal/wk)	111	1,115
Utility Operating Cost/Week	\$67	\$0
Replacement Solvent Cost/Gal	\$5	\$5
Required Makeup Cost/Week	\$279	\$5,296
Disposal Cost/Gal	\$1	\$1
Disposal Cost/Week	\$111	\$1,115
Total Cost/Week	\$457	\$6,411
Total Yearly Cost	\$22,857	\$320,563
Weekly Savings w/Innovative	\$5,954	
Yearly Savings w/Innovative	\$297,705	



**CONTAMINATED INK
OR PAINT SOLVENT**



**CLEAN SOLVENT
DISCHARGE**



**RESIDUE OF
PIGMENT AND
OTHER SOLIDS**

**AS MUCH AS
90% SOLVENT
RECLAMATION**



General description

This is design for Recovery of any chemical with speciality of distilling and cooling, can be connected with in-line processor and any plate washout machine directly. With cold air circulation and drain out of residue for high speed recovery. Super recovering rate in the shortest time, is an ideal and high efficient recovery unit for flexographer.

Technical Information

Recovery Volume	: 60 / 80 liters
Power consume	: 220V, 4.65KW
Diathermic Oil	: 23 KG
Machine dimension	: 1100x780x1200 mm
Recovery rate	: 85%
Recovery time	: 3 ~ 4 hours

Importants

- Install the unit in wide & ventilated place.
- Disconnect power supply before doing any action.
- Do not open the controll panel.
- Change the diathermic oil every 1000 working hours.
- Do not fill solvent container above the level (80 liters).
- Remove the waste after every recovery process.

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