



COMPLETE FLEXO SOLUTIONS



- ▶ Photopolymer plate making Equipments
- ▶ Flexography plate making Equipments
- ▶ Letter Press Plate making Equipment
- ▶ Water wash flexo Plate making Equipment
- ▶ Autotmatic Rubber Stamp Making machine
- ▶ Solvent Recovery System
- ▶ Consumables

COMPLETE FLEXO SOLUTION 
INNOVATIVE
FLEXOTECH PVT LTD
AN ISO 9001:2008 CERTIFIED COMPANY

REGULAR LINE for flexography / vanishing



Models : @2430 @3040 @4050
Plate making size :
@2430 = 24 x 30 inch (610 x 762 mm)
@3040 = 30 x 40 inch (762 x 1016 mm)
@4050 = 40 x 50 inch (1016 x 1270 mm)
Exposure + Treatment unit (ET)
Washout + drying unit (WD)

Features of Exposure unit

- Instant light up Philips high intensity lamps
- Unique digital timers fo back/main exposure
- Excellent lamp cooling / exhausing system
- Quick vaccum drawdown pump with indicator

Features of Washout unit

- Flat washout unit 2 in one for easy handling
- Special bristle good for all kind plates wash
- Automatic control of temperature precisely
- Excellent for 200 LPI 1% reproduction by CTP

Features of anti-tack treatment for Flexo

- Chemical Free operation, simple easy & safe
- Digital timer for light finishing time control
- Equiping with Philips high intensity lamps
- With powerful air exhausting for bad odour

Features of Drying unit

- Drying drawer with uniform heat distribution
- Temp. adjustable by a precise controller
- Unique air circulation and exhaustion design
- Over heat sensor for safety and protection.



(cm)	@2430WD	@2430ET	@3040WD	@3040ET	@4050 WD	@4050ET
Machine Size	120X110X90	132X120X60	130x130x100	145x114x76	150x100x90	170x130x70
Power	2.8 kw	1.5 kw	3 kw	2.5 kw	5 kw	3.5 kw
Net Weight	400 kg	250 kg	500 kg	250 kg	700 kg	400 kg
Gross Weight	500 kg	350 kg	600 kg	350 kg	850 kg	500 kg
Crate size	140x130x110	152x140x80	150X150X120	165X135X95	170X120X110	190X150X95

JUMBO LINE for flexography

Models : @1600 @2001 @2002

Plate making size :
 @1600 = 1600 x 1100 mm (42x62 in)
 @2001 = 2030 x 1100 mm (42x80 in)
 @2002 = 2030 x 1320 mm (52x80 in)

Exposure + dryer + treatment (EDT)
 Rotary washout unit (RW)



Rotary washout unit

- Rotary washout to save operating room
- Operation-watching windows
- Solvent tank equipped with level indicator
- Before - finish washout exhaustion design
- Indicator for brush - roller distance
- Wrap - around washout gets better results
- Both solvent spray and steep type design
- Brush distance adjustable for any thickness plates (inside)
- Roller rotation and brush horizontal movements
- Foot-switch for more convenient operating



(cm)	@2002RW	@2002EDT	@2001RW	@2001EDT	@1600RW	@1600EDT
Machine Size	304X78X135	273X190X224	215X100X141	230X175X103	271X78X135	187X175X103
Power	2.5 kw	1.5 kw	2.5 kw	9 kw	2.5 kw	8 kw
Net Weight	900 kg	1800 kg	900 kg	1100 kg	800 kg	950 kg
Gross Weight	1100 kg	2200 kg	1100 kg	1300 kg	1000 kg	1150 kg
Crate size	320X100X155	300X210X240	235x120x160	250X195X120	290X100X155	210X195X120

Plate Making - For Flexographic Plates

Exposure + Washout + Drying + anti-tack treatment 4 in 1
 Model : @A4 FL (21 x 30cm) & @A3 FL (30 x 42 cm)



Features of Exposure Unit

- Instant light up Philips high intensity lamps
- Unique digital timers fo back/main exposure
- Excellent lamp cooling / exhaustig system
- Quick vaccum drawdown pump with indicator

Features of Washout Unit

- Flat washout unit 3 in 1 for easy handling
- Special bristle good for all kind plates wash
- Automatic control of temperature precisely
- Excellent result for 200 LPI 1% reproduction

Features of anti-tack treatment for Flexo

- Chemical Free operation, simple easy & safe
- Digital timer for light finishing time control
- Equiping with Philips high intensity lamps
- With powerful air exhausting for bad odour

Features of Drying unit

- Drying drawer with uniform heat distribution
- Tempeprature adjustable by a precise controller
- Unique air circulation and exhaustion design
- Over heat sensor for safety and protection.



For Letter Press (Model : @A2SS)

Exposer + washout + dryer 3 in one all stainless steel

For Flexography (@A2 SSF)

Exposer + washout + dryer + UVC treatment

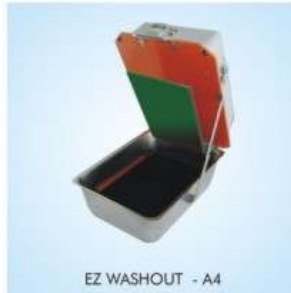
For Water-wash Flexo (@C-A2SSF 50 x 61cm)

Same as for flexo + water circulation + filtration

(cm)	@A3SS	@A2SS	@A3SSF	@A2SSF	@C-A2SSF
Machine Size	60x60x90	110x90x100	66x80x108	90x90x112	110x90x115
Power	1 kw	1.2 kw	1 kw	1.2 kw	2.8 kw
Net Weight	100 kg	150 kg	120 kg	200 kg	235 kg
Gross Weight	190 kg	210 kg	200 kg	300 kg	335 kg
Crate size	70x70x100	105x100x110	80x90x120	100x100x122	120x100x125



Automatic STAMP MAKING M A C H I N E



- Good for stamp making for plate up to A4 (21 x 30 cm)
- All functions are included for best plate results.
- Easy set up and simple operation idea with economic price
- Special design by using ready made to reduce components cost
- Light weight to reduce freight of package in order for quick delivery

Features of Exposure Unit

- Instant light up Philips high intensity lamps
- Unique digital timers for back/main exposure
- Excellent lamp cooling / exhausting system
- Quick vacuum drawdown pump with indicator

Features of Washout Unit

- Flat washout for easy handling
- Special bristle good for all kind plates wash
- Excellent result for stamp process

Features of anti-tack treatment for Flexo

- Chemical Free operation, simple easy & safe
- Digital timer for light finishing time control

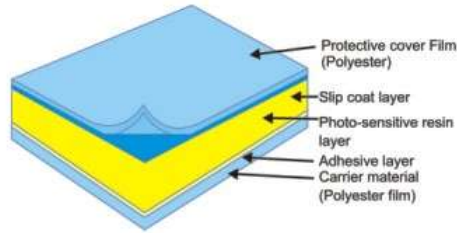
Features of Drying unit

- Drying drawer with uniform heat distribution
- Temperature adjustable by a precise controller
- Unique air circulation and exhaustion design
- Over heat sensor for safety and protection.



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PHOTOPOLYMER PLATE-MAKING TIPS



Flexo plate making process

DZ00mW		Back Exposure Expose UV light from the back side of Photopolymer to make floor first.
		Contact of Negative film Peel-off protective film. Contact the emulsion side of negative onto the surface of Photopolymer
DZ00mW		Main Exposure Expose UV light through the negative.
DZ00mW		Wash-out Remove the negative, and process the plate in Plate Photopolymer washout unit.
DZ00mW		Drying After wiping off the surface moisture by sponge roll, dry in a hot air dryer @ 60°
DZ00mW		Post-exposure Expose UVA light again to complete photo-curing.
DZ00mW		After-treatment Expose UVC Germicide lamp as light finishing in order to remove surface stickiness.

Please stick this operating tips in your plate making process room.

Letterpress plate making process

DZ00mS		Contact of Negative film Peel-off protective film and place negative film on undeveloped plate. Use negative having optical density of not less than 3.0
DZ00mS		Exposure Expose plate, through negative film, to UVA light. Determine the correct exposure time using a 21 step grey scale. Follow the Photopolymer plate supplier .
DZ00mS		Wash-out Remove negative film & Wash exposed plate with water. Time depends on plate thickness. Follow the Plate Supplier TIPS. Rinse the plate with fresh water.
DZ00mS		Drying Dry the plate in a hot-air dryer after taking-off the surface water with a sponge roll. Drying time is different due to the type of plate. Follow the "TIPS FOR Photopolymer Plate "
DZ00mS		Post exposure Expose the developed plate to UVA light again to get stability. Post exposure time should be the same or longer than the main exposure time.

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Solvent Recovery System

30L - RHB / 60L-RHB / 80L-RHB / 100L-RHB / 200L-RHB



A. General description :

This is designed for recovery of flexographic photopolymer plate solvent washout chemical and any environmental green chemical with specialties 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 flexo grapher.

B. Technical information:

Recovery volume	: 60 / 80 liters
Power consume	: 220V 4.65KW
Diathermic oil	: 23 KG
Machine dimension	: 1100x 780x1200 mm
Recovery rate	: 85%
Recovery time	: 3 ~ 4 hours



C. Operating steps:

1. After opening the crate, plug in 220 V power, and connect the ground (earth).
2. Open the lid and fill the tank up to the level with solvent to be recovered (80 L)
3. Close the lid and tighten it.
4. Check all the pipe / hose make sure it is well connected. Especially vacuum pipe (6) and fresh come-out pipe(1).
5. Set up the thermostat(18) for example for Perc.is 150 degree C, for green chemical is 160-210 degree C. Vacuum tank pressure(3) high at 0.03 Mpa / low at 6.01Mpa, and steam cooling fan thermostat(11) at 40 degree C.
6. Turn on the power switch(15), steam cooling switch(16), heater switch(17) and vacuum pump switch(12).
7. If you want to be controlled with timer, it depends on the quantity of the chemical, set up the timer(14) then turn on the switch(13).

D. Importants :

1. Install the unit in wide & ventilated place.
2. Disconnect power supply before doing any action.
3. Do not open the control panel.
4. Change the diathermic oil every 1000 working hours.
5. Do not fill solvent container above the level (80 litres)
6. Remove the waste after every recovery process.

(cm)	30 Ltr.	60 Ltr.	80 Ltr.	100 Ltr.	200 Ltr.
Recovery Volume	30	60	80	100	200
Machine Size	96x61x94	110x78x120	130x88x130	150x98x150	250x170x230
Power required	220vAC 3.65 Kw	220vAC 4.65 Kw	220vAC 5.65 Kw	220vAC 6.65 Kw	380vAC 10 Kw
Dia Themic Oil	20 Kg.	28 Kg.	33 Kg.	40 Kg.	80 Kg.
Temperature C°	50 - 180	50 - 180	50 - 180	50 - 180	50 - 180
Recovery Rate	85%	85%	85%	85%	85%
Net Weight	130 Kg	160 Kg	200 Kg	300 Kg	400 Kg
Gross Weight	230 Kg	230 Kg	300 Kg	400 Kg	500 Kg
Crate Size	106x81x104	120x97x130	140x108x140	160x118x160	260x190x240



Our Clients Worldwide

Innovative Flexotech is a global leader in Flexo Printing Press and Photopolymer plate making technology, delivering products, services and solutions through the brand promise of "High Standard Quality, Most Competitive Price and Superior Service".

We undertake to offer consultancy and services for establishing turnkey projects by way of Flexo printing integration in these lines. We are into manufacturing, service of flexo printing Press and plate making equipment & always keep stock which could support the machines installed by us and the consumables of the latest variety used to ensure high productivity and profitability in these lines. Our Team Philosophy, is Quality & Honesty The pursuit of excellence in all we does. Every member of the Innovative Flexotech organization remains unified in achieving these goals.

Application of Equipments

- | | | | |
|---------------------------|---------------------|-------------------------------------|--------------------------------------|
| - Plastic sac | - Labels Printing | <u>Foil Base Photopolymer plate</u> | <u>Steel Base Photopolymer plate</u> |
| - Non woven bag Printing | - Preprints | - Label printing | - dry-offset |
| - Paper sac | - Cartons | - Adhesive tape printing | - business form printing |
| - Flexibal packaging | - Stamps | - letterpress printing | - letterpress |
| - Alluminium foil | - Corrugated boards | - balloon printing | - pad printing |
| - Tissue | - Paper cups | - UV varnishing | - UV varnishing |
| - Milk /Beverages cartons | - Heavyduty bags | - UV flexo | - security printing |

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