

# Pre-Press Equipment



*Optimum Precision*



## Screen Exposing Frame

### Image transfer on screen for textile printing

With the increasing demand from the Textile Printers for high-density printing and fine graphics on dark garments, we have successfully designed and delivered our "Exposing System" for today's textile screen printers.

An ideal equipment for transferring of images on the screen frame. This powder-coated frame has the following features.

- Special pump draws the elasticity that does not tear from frequent use with the edges of aluminum square pipe frame.
- The suction pump draws the excess air fast and the vacuum pump makes the perfect bondage between the film and screen frame. Hence perfect sharpness.
- 1kw, 3kw or 6kw Instant Start Halide light sources are recommended all over the world for reproduction of sharp graphic images.
- Different models are available according to the requirement and convenience of the end user.
- Micro Processor base light integrated electronic timer has multiple memories and sequential operations.
- Optional : Drying Systems in frame with top exposure where Thermostatically controlled hot air is circulated for drying.
- The equipment is operator friendly.



### Self Tightening Screen Frame

- Cost-effective and user friendly
- More accurate for achieving hi-tension for optimising ink flow Characteristics and mileage.
- Most required and used by Textile Screen Printers for four color, half tone and three dimensional printing with die-cut sharpness and print clarity.
- Used both on manual and automatic for smooth, faster production without wanton ink build-up.
- Operator takes 5-10 minutes to stretch the mesh for required job.
- Graphic Printers will save in coat upto 30%
- The performance and durability of the squeegee blade increase.



### DRIER

\*Thermostatically controlled drier for drying the screen frames.



# Printing Down Frame

With Instant Start Metal Halide

"Memory" Printing Down Frame is ideal for exposing P.S. Plates, Conventional Plates & Proofing materials.

Light integrated microprocessor based electronic timer with 99 channel memory and meter helps in accurate, consistent and repeatable exposure.

Dual vacuum, specially designed rubber blanket & beading ensures perfect contact.

Uniquely designed reflector gives uniform and even exposure over the entire plate area.

Instant Start Metal Halide is available in 1KW, 3KW & 7KW.

## Optional

- Diffusion Attachment to facilitate the deletion of tape marks in paste up jobs.
  - a) Automatic Diffusion on Rack & Pinion.
  - b) Manual Diffusion.
- Pneumatic Lifting of glass frame for bigger size frame.
- Auto Curtaining.
- PLC Control & Display.

## Other Products

- **Screen Exposing Frame** with top or bottom light source for Paper, Textile, Glass & PCB Industry.
- Table Top Model for Mini Offset.
- Power pack with Instant Start Metal Halide Light Source (1KW, 3KW, 7KW).

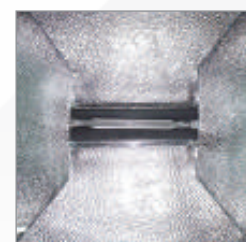
Technical Specifications		
Plate size mm	610 x 915 mm (24" x 36")	890 x 1190 mm (35" x 47")
Length	1330 mm	1530 mm
Width	870 mm	1070 mm
Height	2080 mm	2330 mm
Light Source	Power Load	Line Voltage
1 KW	1.5 KW	220 V Single Phase, Neutral & Earth
3 KW	3.5 KW	440 V Three Phase, Neutral & Earth
7 KW	7.5 KW	440 V Three Phase, Neutral & Earth

Specifications subject to change without prior intimation

Bigger Size available on request



Feather Touch Control Panel



Uniquely Designed Reflector to give maximum output



## Plate Processor

For CTP & Conventional P.S. Plates

"Memory" Plate Processor is designed for reliable, efficient and fast processing of Positive or Negative Pre-sensitised offset plates.

Corrosion free Stainless Steel Bath Tank & underneath Tank, powder coated mild steel structure and sturdy fabrication ensures trouble free working for years.

PLC Control & LCD Display enables operator to control the speed of the main drive, temperature, replenishment etc.

Features include automatic developer replenishment, level sensors for all bath tanks, plate washing from top & bottom with water, slot for re-wash, re-gum and re-dry.

Dip Tank with independent brush roller lead to fast and consistent development of P.S. Plates.

A submerged re-circulation of developer and heat exchanger controls temperature.

Re-circulation of water after filtration eliminates plumbing and water consumption is reduced to minimum.

EPDM Rubber Rollers and Brush roller are easily removable for cleaning and washing.

### Economy Model

- Developing & Washing unit.
- Wash, Gum & Dry Processor for CTP Units.

Technical Specifications		
Max. Plate Width	660 mm	840 mm
Max. Plate Length	Unlimited	Unlimited
Min. Plate Length	500 mm	500 mm
Plate Thickness	0.15 - 0.40 mm	0.15 - 0.40 mm
Speed	300 - 600 mm/min.	300 - 600 mm/min.
Developer Tank Capacity	15 Ltrs.	20 Ltrs.
Gum Tank Capacity	5 Ltrs.	5 Ltrs.
Power Consumption	3.5 KW	4 KW
Line Voltage	220 V Single Phase, Neutral & Earth	220 V Single Phase, Neutral & Earth
Dimensions (L x W x H)	1020 x 1020 x 860 mm	1170 x 1260 x 860 mm

Specifications subject to change without prior intimation

Bigger Size available on request



Inside Drive



PLC Control & Display



Optional: Automatic Plate Stacker



An ISO 9001 : 2008 Company

## Memory Repro Systems (P) Limited

Regd. Office : D-28, DSIDC Packaging Complex, Kirti Nagar, New Delhi-110015  
Telephone : +91-11-41420960 / 70 / 80

Works : Plot No. 7, Road No. 1A, Mundka Udyog Nagar, Rohtak Road, Mundka, Delhi -110041  
Telephone : +91-11-28345708, 28345709  
E-mail : sales@memoryrepro.com