

Cheran's Automatic Printing rainbow R rover



PALLET, SCREEN AND PRINT SIZES			
STANDARD SIZES	PALLATE SIZE In mm	SCREEN SIZE in mm	PRINT SIZE in mm
XL	605 X 905	670 X 1060	500 X 700
XXL ***	760 X 1250	850 X 1360	700 X 1000
*** Double index printing mode in XL Model			

ALL MAJOR BRANDED COMPONENTS



TECHNICAL SPECIFICATION

TYPE	R6 R10 XL	R8 R14 XL	R10 R14 XL
No of Colors	6	8	10
No of Pallet	10	14	14
No of Flash Curer (Max) can be Connected	4	6	5
No. of Flash Curer with Machine (20" x 30")	2	2	2
Maximum Production Pieces**	1000 Pieces / hour		
Air Consumption	400 lit / min (14 CFM)		
Machine Maximum Power without Flash Curer (KVA)	5.5	6	6
Machine Diameter (in. Ft)	15.5	18	18
Total Height (in.Ft)	8.2	8.5	8.5
Minimum width of Base (in.Ft)	4.5	6	6
Machine Weight (in Kgs)	1600	2000	2300

No. of Colors can be added based on the requirement (No. of Pallet-1)
 * Each Flash Curer max. Power 14.4 KW, 3 Phase, 3 Zone.
 ** One Squeegee with Flooding for an A4 Print Size.

MAIN FEATURES

Machine Indexing

- Both Forward and Reverse Direction.

Speed & Accuracy

- Smooth and Quiet Operation.
- Higher Speed resulting in More Production.
- Accurate Registration and Easy setting yielding in higher Product quality.
- Exact Cloth positioning with assistance of Laser Marker.

Safety Features

- Individual Control Panels in each Head for easy operation.
- High safety assured by safety bars and Emergency Lamps.

Squeegees & Print Head

- Tool Free Manual Knobs for Angle adjustment of Squeegees, Stroke length adjustment and Scrubber interchange.
- AC Drive with sensors for Squeegee movement control.
- High lift Print heads for quick and easy screen cleaning process.

Engineering Design

- Latest & Advanced Design from Well Experienced Engineering Team.
- Latest Integrated PLC Programming Techniques.
- Robust Construction.

Screen Setting

- Micro adjusting Knobs for Precision Front and Back setting.
- Pneumatic Clamping system to hold screen in Exact Location.

Pallet Arrangement

- Light weight Aluminum Honeycomb Pallet for easy handling.
- Easily accessible clamping systems for interchanging the pallet.

Control Systems

- 10" High Resolution Touch Screen for easy monitoring and control.
- Wi-Fi connect facility for monitoring Production, (Optional) Data accessible anywhere through Mobile Software.
- Digital Pressure meter for maintaining the overall pneumatic pressure in static condition.
- Touch Panel controls for operating Flash curer and Individual heads.



CHERAN™

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