



LAXMI INDUSTRIAL SYSTEMS

Accessories & Spares



TEXTILE MACHINERIES

AUTOMATIC LACQUER COATING MACHINE LLCM-100

The machine is equipped with a specially designed squeegee that ensures a precise and even coating of emulsion on the screen, significantly reducing processing time.

The "LAXMI" coating machine automatically delivers a smooth and uniform layer with optimal adhesion between the photo-emulsion and the nickel screen. This results in minimal pinholes, eliminating the need for retouching and thereby reducing downtime and labor costs.

The photo emulsion is applied in a single cycle from top to bottom. Its user-friendly control panel provides the operator with quick and easy access, making operation simple and efficient.



TECHNICAL DATA :

"LAXMI" Lacquer Coating Machine is available in three version and this depends on the length of the screen to be treated

Type LLCM - 100	20	26	32
Measure in mm.			
Maximum screen Length	2000	2600	3200
Minimum screen Length	800	800	800
A Height	3550	4150	4750
B Length	1800	1800	1800
C Width	1020	1020	1020
Power (kW)	1	1	1
Air pressure (bar)	6-8	6-8	6-8

Floor Space require : (B+ 1500) x (C+ 1000)

ROTARY SCREEN LASER STRIPPING MACHINE



Parameter	Details
Laser Beam Technology	Single Laser beam (Multi Laser Beam – Optional) Contact-less LASER technology saves screen from dent marks and distortion of mesh from conventional stripping method
Screen Length	Standard length 2000 mm, Customized up to 3700 mm
Repeats	640 repeat standard optional 820 mm, 914 mm, 1018 mm available
Stripping Time	25–30 min 640 mm / 1760 mm screen
Stripping Speed	45–50 screens per day 640 mm / 1760 mm screen
Power Requirements	3 kW 440V AC 50Hz 3 phase
Drive	Both motors are servo motors
Special Features	Two-pass stripping features and strip selected area also
Operation	Fully automatic with touch screen and PLC
Screen Life	High repeat usage screen ratio
Environment	Environmental friendly

SCREEN WASHING MACHINE

- 4 Screen Capacity
- SS 304 Stainless Steel Body
- Fast Washing (2–4 min per cycle)
- Motorized Screen Rotation
- Elliptical Spray Nozzles (Full Coverage)
- Up-Down Spray System
- 5 HP Water Pump
- 1.5 HP Motor with Gearbox
- Electric Control Panel
- Easy Loading & Unloading



DIGITAL LASER SCREEN MAKING SYSTEM (LEX-BLUERAY)

- LEX uses diode laser to expose (harden) the non-design area lacquer (photo emulsion). After developing process, the design area (non-exposed lacquer) will be washed off, to make the screen holes open for the colour paste penetration.
- Powered by diode laser generator from Japan, LEX enables you to an economical engraving solution, while keeps high engraving definition.
- Developing process (wet area) is still needed.
- LEX is open for any kind of lacquer (emulsion) to be integrated in your current engraving process.



Specification	Details
Model	: LLD2200
Max. Screen Length	: 2200 mm
Max. Engraving Length	: 2200 mm
Engraving Speed	: 15 min / 1800 mm (640 mm repeat)
Screen Repeats	: 640 mm (standard), 819 / 914 / 1018 mm (options)
Engraving Resolution	: 600 / 720 / 1080 dpi
Power	: AC 220V, 2.0 kW
Dimensions (L x W x H)	: 3800 x 810 x 1200 mm
Precision	: 20 micron

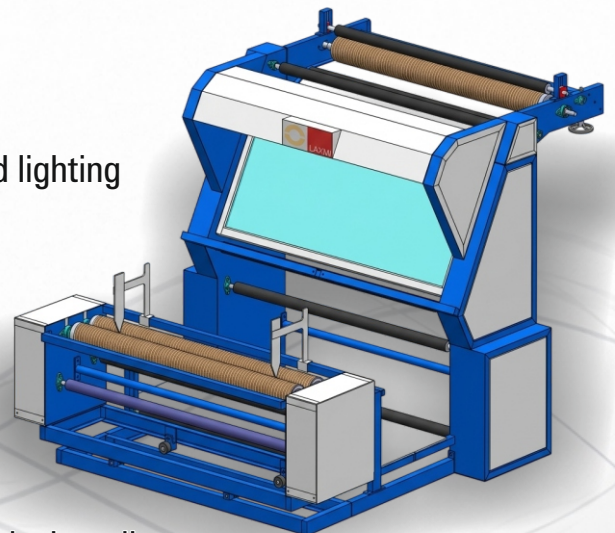
Specification	Details
Model	: LLD3500
Max. Screen Length	: 3500 mm
Max. Engraving Length	: 3500 mm
Engraving Speed	: 26 min / 3200 mm
Screen Repeats	: 640 mm (standard), 819 / 914 / 1018 mm (options)
Engraving Resolution	: 600 / 720 / 1080 dpi
Power	: AC 220V, 2.0 kW
Dimensions (L x W x H)	: 5100 x 850 x 1200 mm
Precision	: 20 micron

KEY FEATURES OF LEX SYSTEM

- Fully Automatic Operation (not semi-automatic)
- Equipped with Japanese diode module
- High resolution & reliability for finest line output
- Capable of engraving 2-pixel width (0.1058 mm) lines at 720 dpi (with proper emulsion & coating)
- Semiconductor refrigeration system ensures stable temperature and longer laser source life
- Beam (focus) adjustment is fully digitalized
- Repeat adjustment is digitalized for high accuracy

INSPECTION MACHINE

- Wide Fabric Handling - 1500 - 4000 mm width
- Precision Defect Detection - Clear visibility with optimized lighting
- Advanced Tension Control - Smooth, wrinkle-free fabric flow
- Accurate Length Measurement - Mechanical Meter / Digital meter counter
- Robust Construction - Heavy-duty steel frame
- Energy Efficient - Low power consumption
- Versatile Application - Suitable for woven, knitted & technical textiles



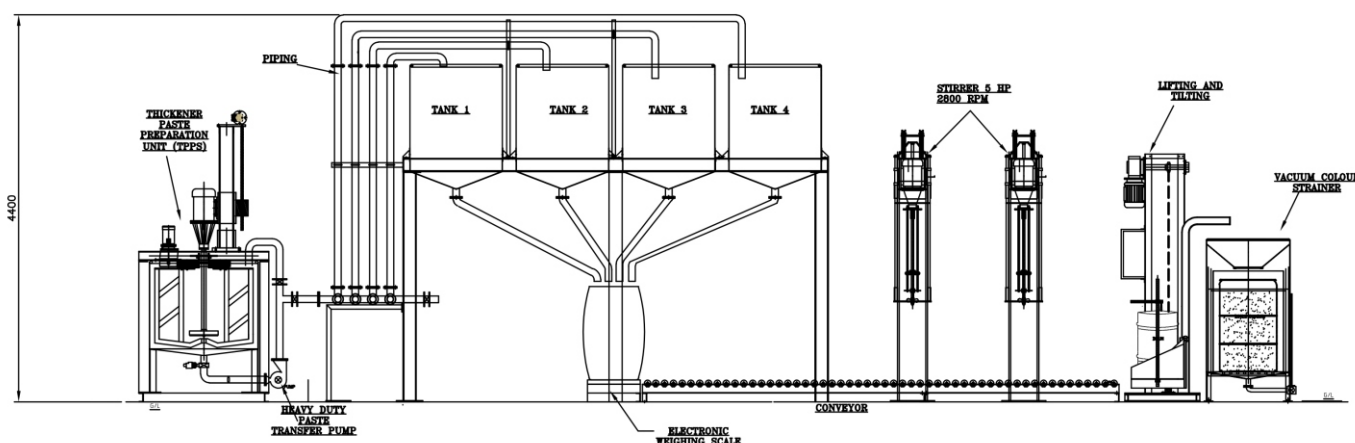
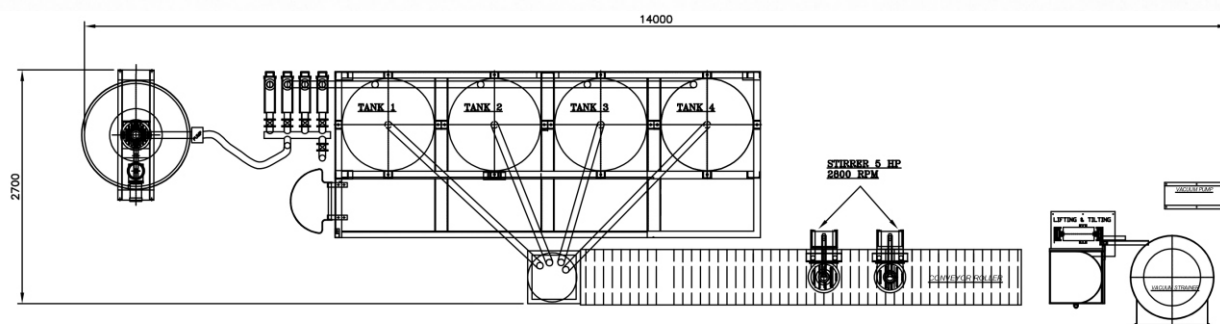
COLOUR KITCHEN



A complete integrated solution for paste preparation, mixing, filtration, transfer, and storage - ensuring uniform quality, hygiene, and high efficiency.

KEY FEATURES

- 1000 kg Thickener Paste Preparation Unit (TPPS) with heating & auto mixing
- High & slow speed stirrers with automatic recirculation system
- Heavy-duty paste transfer pump (5 HP)
- SS 304 inline filter & header system
- 4 x 1000 L SS storage tanks with inbuilt cleaning arrangement
- Complete SS 304 piping with dispensing valves
- High-speed color mixing stirrer (5 HP)
- Vacuum color strainer unit with lifting & tilting system
- Heavy – Duty Weighing scale (300 kg capacity)
- Robust MS structure with ladder & supports
- 4-meter SS roller conveyor



**PRINTING UNIT
& GEAR BOX**



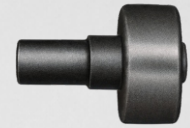
**LR V-011 SCREEN SETTING
ASSEMBLY**



**LR V-012 SCREEN GUIDE
BEARING BRACKET**



**LR V-013 SCREEN GUIDE
BEARING AND PIN**



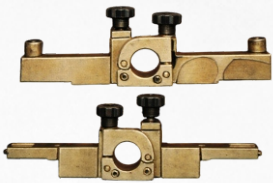
**LR V-014 SCREEN TENSION
BEARING ASSEMBLY**



LR V-015 DIAGONAL SETTING ASSEMBLY



**LR V-016 PIPE SETTING &
HOLDING ASSEMBLY**



**LR V-017 TENSION
SPRING & CAP**



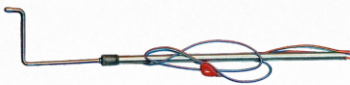
**LR V-018 PIPE FITTING
BRACKET**



**LR V-019
PROBE HOLDER**



**LR V-020 COLOUR LEVEL
PROBE**



LR V-021 END RINGS



LR V-022 REPEAT GEAR SET



**LR V-023 PRINTING UNIT
LIFTING BEWEL BOX**



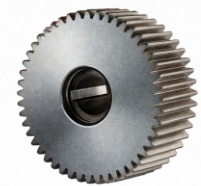
**LR V-024
HAND WHEEL**



**LR V-025 SCREEN DRIVE
GEAR SHAFT**



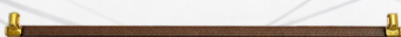
**LR V-026 SCREEN
DRIVE GEAR**



MAGNET BEAM



LR V-027 MAGNET GUIDE



LR V-028 MAGNET ROD



LR V-029 MAGNET BEAM COIL



COLOUR FEEDING PIPE ASSEMBLY



LR V-030 QUICK CHANGE COUPLING



LR V-031 END PLUG SOCKET



LR V-032 PUMP NIPPLE



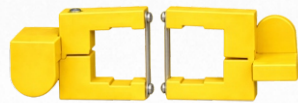
LR V-033 COLOUR PUMP



LR V-034 PUMP GEAR



LR V-035 ROD GUIDE BRACKET



LR V-036 COLOUR FEEDING FLAX. PIP



LR V-037 COUPLING, AND RUBBER STARS



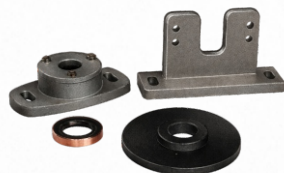
WASHING BRUSH ASSEMBLY



LR V-038 BRUSH SEGMENT



LR V-039 BRACKET PADESTAL & SEAL RINGS



LR V-040 CHAI SPROCKET



LR V-041 SEALING RUBBER



LR V-042 BLOWER DRIVE SHAFT ASSEMBLY



LR V-043 DRYER BLOWER



LR V-044 EXH. BLOWER



LR V-045 AIR CYLINDER



**LR V-046 SERVICE KIT
FOR AIR CYL**



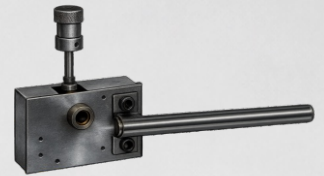
**LR V-047 DIRECTION
CONTROL**



**LR V-048 FLOW
CONTROL VALVE**



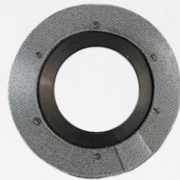
**LRV - 049
FILLER SWITCH**



**LR V-050 EXPOSING
AIR BAG**



**LRV - 051 COATING RING
ASSEMBLY**



**LR V-052 SHAPE
RING**



**LRV - 053
SNAP RING**



LAXMI INDUSTRIAL SYSTEMS

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