

**BRAND INDIA ENGINEERING
E-CATALOGUE**

Date: 18-01

LAKSHMI CARD CLOTHING MFG.CO.PVT.LTD

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Lakshmi Card Clothing Mfg. Co. Pvt. Ltd. (LCC) incorporated in the year 1960 in technical and financial collaboration with a leading Swiss Company. LCC belongs to the 'HOUSE OF LAKSHMI' one of the few vertically structured Textile groups in the world. The 'HOUSE OF LAKSHMI' consists of Textile mills, Textile machinery and Accessories manufacturing units. LCC is the largest producer of metallic card clothing and card service machines in India. This distinction has been achieved by continuous market research, product innovation and being the first to adopt new technologies for manufacturing and quality assurance. LCC manufactures complete range of Metallic, Flexible Card Clothing, Stationary flat systems and Card Service Machines. LCC is an ISO 9001 company, a recognition of its expertise in design, manufacture, supply and after sales service of card clothing, card service machines and wire profiles. The company is privileged to be an original equipment supplier for the leading card manufacturer Lakshmi Machine Works, India. Strong customer-oriented R&D is the driving force behind the company's continual development in the latest technology and cost effective solutions. LCC strives to achieve total customer satisfaction at every stage of customer interaction.

Products Description

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Metallic Card Clothing, Cylinder wire, Doffer Wire, Revolving Flat tops, Stationary Flat tops, Stripping Fillets, Stationary Flat Conversion & Card Service Machines

Technical Details

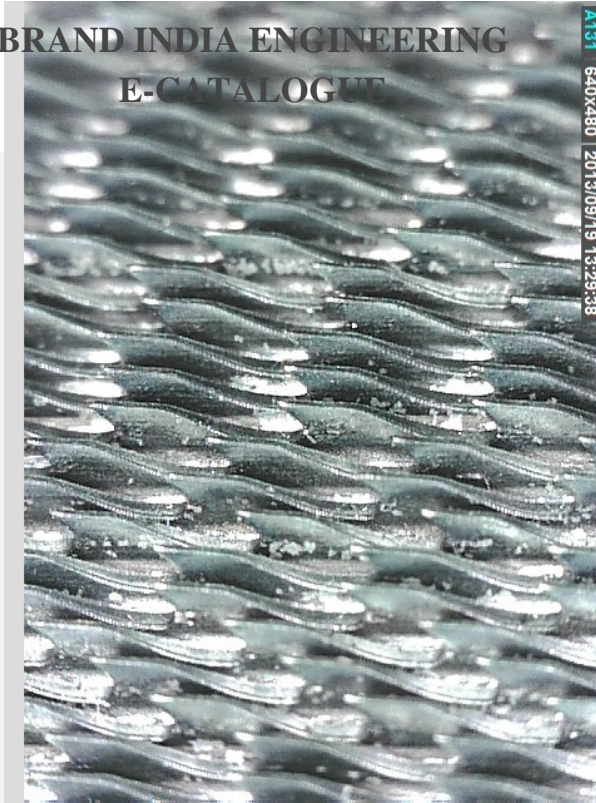
METALLIC WIRES Based on the application & demands, LCC offers cylinder wire manufacture out of different alloy steel; ULTIMA (Tungsten, Vanadium Alloy Steel) CHROMA (Chromium Alloy Steel) PERFORMA (High Tensile Special Alloy Steel) E - Evolv 2X unique tooth profile EVOLV 2X has unique tooth profile with more supportive area to the working tip with variable density, enhances reliability and REVOLVING FLAT TOPS High wear resistant steel with special heat treatment used along with best available technology of grinding, perfectly fused rubber and cloth foundation ensure long life with consistent high performance of tops at high production rates. There are different types of revolving flat tops with unique setting pattern available for various applications. High tensile alloy steel wire ans stronger foundation for enhanced resilience of pins for super high production cards. New process techniques adopted in side and shoulder grinding to enhance sharpness of flat wire pins for efficient NEP removal. Infinitely progressive setting pattern results in better extraction of trash & seed particles and individualisation of fibre. Reduction in wire height and special double convex wire to withstand enormous load and strain. STRIPPING FILLETS STATIONARY FLAT TOPS Newly designed special profile stationary flat tops-EDGE series available in Alloy Steel for the super high speed cards.

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|-------------------------|-----------------------|
| ITC HS Codes | 8448 31 00 |
| Certification/ Standard | ISO |
| Issuing Agency | --- |
| Date of Issue | 29-01-2016 |
| Date of Expiry | 14-09-2018 |
| End Use Sectors | Textile Spinning Mill |

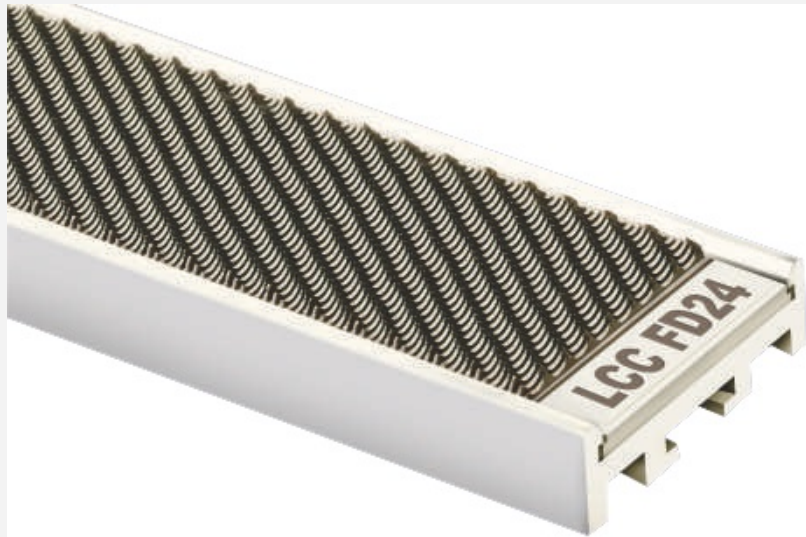
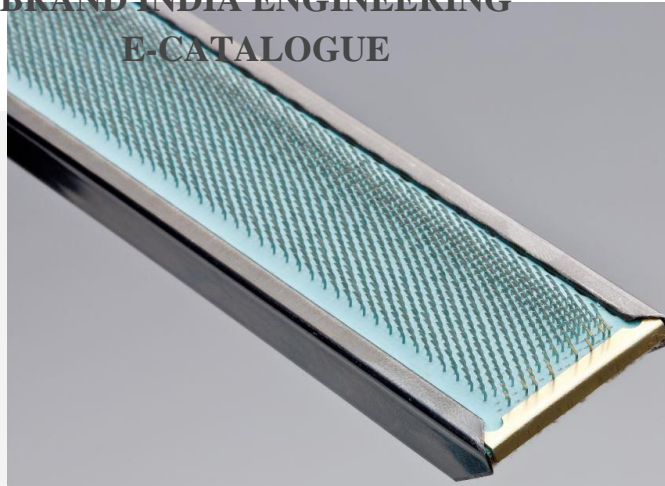
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Product Images



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BRAND INDIA ENGINEERING

E-CATALOGUE

EXPLORE THE BEST IN CARD SERVICE MACHINES


Lakshmi



FLAT END MILLING M/c



AUTOMATIC FLAT GRINDING M/c



MULTI ROLLER MOUNTING M/c

COMPLETE RANGE OF Card Service Machines.

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Technical Details

METALLIC WIRE MOUNTING EQUIPMENT Working width Tension device calibration Adjustable cylinder speed SPECIFICATIONS 1.5 hp, 1400 rpm 40" & 60" 0 to 12 kgs 0 to 25 rpm : : : Cyl / Dof Mounting Drive Unit CONSTRUCTION User Friendly Single Bar System. Precision Grooving Device. Tensioning Device with Dressing and Pre-bending Rollers. Micro Butt Welder. Ideally suited for mounting all type of cylinder and doffer wires. A.C. inverter drive with remote control. Mounting speed up to 25 rpm. Option to mount 40" / 60" width cards

FEATURES METALLIC WIRE MOUNTING EQUIPMENT Motor rating Effective working width SPECIFICATIONS 1.5 hp, 1400 rpm 1600 mm : : Interlock Cyl / Dof mounting Adjustable main frame assembly. Rollers are seated on "V" Block and hence no separate bearing blocks required. Inverter driving system. Tensioning device with dressing and prebending rollers. Any roller upto 20" diameter and upto a length of 1600 mm can be mounted. Can be utilized for mounting of :

FEATURES MULTI ROLLER MOUNTING MACHINE Cylinder and doffer of all make of cards. Lickerin rollers (grooved & interlocking type). Blowroom beaters (grooved & interlocking type). Feed rollers and Stripper rollers. Stripping fillets.

MULTI ROLLER MOUNTING MACHINE CONSTRUCTION Easy to operate. SPECIFICATIONS 1.5 hp, 1410 rpm 260 rpm 430 rpm 2500 rpm Motor rating Spindle speed LMW LC361/363 st 1 speed nd 2 speed : : : CONSTRUCTION Mounted on a rigid fabricated steel column. Dual speed milling head. Automated milling head mechanism. Interchangeable template for various card models Easily interchangeable template to achieve required milling angles. Simple clamping system. Accurate milling of flats. Fully automatic milling cycle. Has precision inspection fixture with dial gauge.

FEATURES FLAT END MILLING MACHINE Milling Cutter Inspection Device **FLAT END MILLING MACHINE** Motor rating Effective working width Pneumatic system air pressure SPECIFICATIONS 1.5hp, 960 rpm 60" & 40" 4 to 6 bar : : : Mounting Carriage De-Clipping CONSTRUCTION Fully automatic clipping Process. Programmable Logic Controller (PLC) with high safety functions. Electronic Pressure regulator ensures constant air pressure. Top Pressing Piston and Clipping to the flat bar in simultaneous operation, ensures highest precision of clipping with respect to straightness of the flat bars Quick Setup time for different make of flats by Pre-Programmed and Users defined settings. Clipping carriage movement controlled by Ball screw rod with maintenance free Encoder. Manual Hammering is no longer required at both ends. Light curtains sensors are provided to stop the machine and human safety better cared. Also available Flat clipping machine - LFCM 40

FEATURES FLAT CLIPPING MACHINE - LFCM 100 (LFCM 40 is also available) **FLAT CLIPPING MACHINE - LFCM 100 / LFCM 40** SPECIFICATIONS Drive motor Dust extraction For flat width Grinding rollers 1.5 hp, 1400 rpm 0.8 hp, 2880 rpm 60" / 40" Ceramic stone / Emery fillet. : : : Ceramic Stone Emery Fillet CONSTRUCTION Box Type Cast Iron frame fitted with strong side supports. Dynamically balanced grinding roller running on self aligning bearings. Interchangeable Grinding plates. Effective Dust extraction system. Centralized Lubrication system. Capable of grinding Single or Four Flats at a time, in option. Accurate and Burr free grinding of Flats. Automatic feeding Mechanism for the roller. Has Precision inspection fixture with Dial Gauge. Also available Automatic Flat Grinding Machine- AFGM 40.

FEATURES AUTOMATIC FLAT GRINDING MACHINE- AFGM 40 (AFGM 60 is also available) **AUTOMATIC FLAT GRINDING MACHINE- AFGM 60 / AFGM 40** Motor rating Voltage Traverse speed Cylinder wire Doffer wire Total weight 0.025kw single phase 220v 6mts/min 2mts/min 19 kgs (excluding trolley) : : : : SPECIFICATIONS CONSTRUCTION **FEATURES GRAVITA - TRAVERSE WIRE SHARPENER** Gravity Head Cam Lock **GRAVITA - TRAVERSE WIRE SHARPENER** Cross spindle located inside the circular tube effects the traverse motion to sharpening stone fitted with gravity head. Better control over resharpener due to the provision of camlock and stopper pin. Suitable for all high production cards of 40" width. Gravitational force employed on the sharpening stone ensures gentle operation and enhances the life of clothing. Free movement of sharpening stone touches all wire points in each traverse. It allows more number of resharpener to get consistent quality. Easy to operate and maintenance free. 0.5 hp 1440 rpm 60s grit 750 rpm 150 mm : : : : Motor rating Emery fillet Emery roller speed Lakshmi Kmw Trutzschler DC 740 TC11, CROSROL MK6, MK7 SPECIFICATIONS CONSTRUCTION Dynamically balanced roller mounted with

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| Date of Expiry | |
| End Use Sectors | |
| Product Images | |



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|------------------------------------|---|
| Sectors of Interest | TEXTILE SPINNING MILLS |
| Countries of Exports | India |
| Foreign Collaboration | incorporated in 1960 in collaboration with a leading SWISS company and now operating independently. |
| Is OEM Supplier? | Yes |
| Is After Sales Service Provider? | Yes |
| Importance of niche products | |
| Potential market of niche products | |
| Product Supply Record | |
| Patented Technologies | |
| Awards/Accolades | |