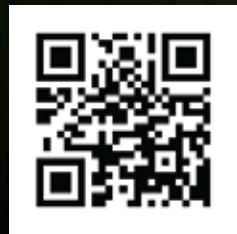




M.K. Sons (pvt.) Ltd.

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*excellence*  
★ ★ ★





MANUFACTURER  
& EXPORTER OF  
HOME TEXTILES  
& GARMENTS





# MESSAGE

FROM THE CHIEF EXECUTIVE

The foundation of M.K. Sons (pvt.) Ltd. was laid in 1987. Since its inception as a trading base export house, the company has expanded & diversified into a vertical based manufacturing & finishing operation consisting of a weaving unit, processing unit comprising of printing, dyeing and finishing along with a well equipped stitching unit.

I am proud of the fact that in the pursuit of achieving excellence the management & production teams have put in their best skills to bring continuous success to the company and with that we will continue to make future full of achievements. Our vision is to grow into value added products to meet & exceed the expectation's of all our valuable customers to whom we are committed to provide the finest possible service & value.

**JAVED AKHTAR**  
CHIEF EXECUTIVE

## CERTIFICATIONS

At M.K. Sons, customer satisfaction is our highest priority. This dedication to our customers begins with a commitment to quality. Whether it involves manufacturing high quality fabric or providing any support, we strive for continual process improvement, always focused on delivering exceptional value to our customers.



## SOCIAL COMPLIANCES

We believe in being compliant to all our buyer's norms. Social compliance is one of the most important factors for competing in today's global textile market. Currently, our operations are subject to compliance guides by established institutions.



## QMS

### QUALITY MANAGEMENT SYSTEM

Our strong quality management system is a result of excellent co-ordination amongst the following departments:

- SAP Systems, Applications & Products in Data Processing
- MIS Management Information System
- PPC Production Planning & Control
- QA Quality Assurance & Documentation.

## SOCIAL COMPLIANCE INITIATIVES

We care for our professionals with provision of a friendly working environment, safe & healthy working conditions & welfare programs for the employees.

- Dispensary for Mills staff & workers is available.
- Pick & Drop facility for the employees.

## FUTURE PLANS

- FTA
- OSHAS 18000
- GOTS
- BRC
- WRAP
- IMS (ISO 9000:2008, ISO 14000, SA 8000)







# AIR JET LOOMS

We believe in continuously balancing & modernization of our plant, keeping this in mind, we have now added in our weaving set-up brand new Air jet looms.

## AIR JET WEAVING SET-UP

### 1) Warping : Karl Mayer

- a) Model: Warp direct-1000 / 2400
- b) Working width: 2400mm

### 2) Sizing : Karl Mayer

- a) Model :SMR-SP-32-2400/1000-2CBS-14-BM-D 4000/1100-TR 1200-1500

### 3) Looms: Toyota JAT 810

- Size : No of Looms
- 190cm : 36
- 280cm : 24
- 340cm : 54(Tppet)
- 340cm : 06(Dobby)
- Total : 120.00

**190cm** - 12 Looms equipped with lycra attachment, 12 looms equipped with tuck in selvedge 36 looms are runable with full leno selvedge. **280cm** - 24 looms are equipped With tuck-in selvedge (L&R) and DPI -6 looms are convertible to leno selvedge 12 loom are with 10-shafts for stripe satin. **340cm**(Tappet) - all looms are equipped with tuck-in selvedge (L&R), DPI but 24 looms are convertible to leno selvedge.12 looms are with center tuck-in also. 6 looms are with 10 shafts for stripe satin. **340cm**(dobby S3220 with 16 shafts) - All looms are equipped with tuck-in selvedge (R&L) and center tuck-in. These looms are convertible to leno and center leno.

### 4) Air Conditioning: Luwa







# SULZER LOOMS WARPING & SIZING

In house warping & sizing facility to ensure better & consistent fabric quality from looms.

## MACHINERY DETAILS

- Warping-Beninger.
- Sizing-Zell.



# SULZER LOOMS WEAVING

Our weaving section established in 1997, today comprises of 104 shuttle less looms in house & 500 shuttle less looms in our sister concerns in widths 130" 142" & 153" with the total capacity to produce 38 million meters of fabric/year.

**PRODUCT RANGE**  
100% cotton and poly cotton fabrics

in plain weave, 4/1 sateen (plain, striped & checks etc) Herringbone, Ducks & Twills

## THREAD COUNTS

- Plain weaves from T-132 up to T-300
- 4/1 sateen from T-200 up to T-600
- Ducks 5,6 & 7 Ounces / SQ.YD
- Specialized Fabrics





# DESIGN DEVELOPMENT

Creation is a product of human imagination, which holds a core position in designing & printing. The use of a variety of software's has enabled us to communicate the concept of designs to individual customers for their selection & approval.



# ENGRAVING

Being a very important step to ensure perfection in the design development, we have a state of art equipment listed below in our CAD / CAM equipped design studio.

#### MACHINERY DETAILS

- CST Ink Jet Engraving
- No. of Machines: 2
- CAD Scanner







# PROCESSING



## SINGEING

### MACHINERY DETAILS

Osthoff - Germany  
Working width: 320cms  
No. of Machines: 1

## MERCERIZING

### MACHINERY DETAILS

Goller - Germany  
Working width: 320cms.  
No. of Machines: 1



## BLEACHING

Open width bleaching

### MACHINERY DETAILS

Goller - Germany  
Working width: 320 cm.  
Per day production capacity: 125,000 mtrs.  
No. of machines: 1





This is where the colors and textures come alive. The rotary printing facility at M.K. sons (pvt.) Ltd. processes the most fascinating designs with high precision & accuracy in pigment & reactive range.

#### MACHINERY DETAILS

Reggiani – Italian Made Rotary printing machines.  
No. of Machines: 2

Machine # 1: Working width 280cms in 16 colors.  
Machine # 2: Working width 320cms in 15 colors.

# PRINTING



Total printing capacity: 85,000 mtrs/day

Repeats available are 64 cms, 82 cms, 91 cms & 1.01 Mtr with the range of screen meshes 60, 80, 125, 155, 165 & 195.

Strike Off Tables Reggiani  
No. of Machines: 2





# DYEING

We provide quality dyed fabrics to our valuable customers / leading home textile brands. In order to ensure excellent dyeing standards, we use high quality grey fabric and dyeing stuff depending upon the specification.

## DYEING RANGE

- Reactive for 100% cotton
- Disperse / Reactive for Poly cotton
- Vat Dyeing



## MACHINERY DETAILS

PAD Stream from Goller: Germany,  
Working width: 320 cm

E-Control system based Thermosol from  
Monforts - Germany,  
Working width: 320cms.

Production capacity: 50,000 mtrs/Day.

No. of Machines: 2







# FINISHING

A part from appearance, the pleasant feel adds value to processed fabric & we take care of this aspect by using stringent control while finishing the fabric.

## TYPES OF FINISHING

- Soil Release.
- Anti Crease.
- Easy Care finish.
- Aloe Vera
- Water Repellent
- Anti-Bacterial
- Fire Retardant

## MACHINERY DETAILS

Calendars Brand: "Ramisch" with cotton steel & Recklon bowls.  
Working width: 320cms  
No. of Machines: 3

Stenters-Monforts Germany  
Working width: 320cms ,with "Mahlo" weft straighter both on entry & exit to control bowing.  
No. of Machines: 6

Sanforizing-Monforts – Germany  
Working width: 320cms.  
No. of Machines: 1



# RAISING

LAFER Computerized Raising Machine. Make Italy.  
Working width: 320 cm.  
Capacity: 20,000 meters per day.





# LAB



We have fully equipped lab to conduct tests as per customers desired standards to ensure our products quality.

**Titan** (Tensile strength tester) by James H Heal England.

**Spray Tester** (Water repellency test) by James H Heal England.

**NU-Martindale Pilling & Abrasion Tester** by James H Heal England.

**Impulse Random Tumble Pilling Tester** by James H Heal England.

**Wira Air Permeameter** for Air permability test by James H Heal England.

**Verivide Light Cabinet** James H Heal England.

**Light Fastner tester.**

**Wrinkle Recovery Tester.**

**Gyrowash** (washing & dry cleaning color fastness tester)

**Data Color** (spectrophotometer 650 USA).

**Perspimometer Kit** (for perspiration test).

**PADDER & Mini Thermosol** for Lab dips development are from MATHIES, Switzerland.



# EMBROIDERY

Newly added gem in the form of fully computerized 20 heads "BARUDAN" from (Japan) high speed embroidery machine capable to make designs in 9 colors.

Maximum Speed: 1000 rpm.







# STITCHING CUT & SEW

Area expanded up to 300,000 sq. feet with an array of 500 machines including switch track, our capacity is to cut and sew around 1.5 million meters of fabric per month.

## PRODUCT RANGE

- Quilt Cover Sets
- Bed in a Bag
- Curtains
- Table Linen
- Comforter Sets
- Flat Sheet Sets
- Valances
- Institutional Garments

## SPECIAL FUNCTION MACHINES

- Kansai
- Barrata
- Hem Stitch
- Pintuck
- Double Needle
- Feed Off



# QUILTING

Fully equipped unit with 6 computerized single needle quilting machines.

Production capacity: 1000 BIAB/day



# MULTI-NEEDLE QUILTING

A step forward in providing value added quilted articles; fully computerized multi-needle quilting machines are inducted in our production setup.

Working Width: 305 cm.

No. of Needles: 240

No. of Machines: 2





# ⚡ POWER HOUSE

In order to overcome unexpected energy crisis, we have our own power generation plant to fulfill the energy requirements. This power generation is equipped with "DRESSER WAUKESHA" from U.S.A. which has efficient, reliable and low-maintenance internal combustion mechanism.

Capacity: 2.7 MW

## ALTERNATE ENERGY SOURCES

1. National Grid (WAPDA)
2. Gas Fired Generators - Capacity: 2.7 M.W.
3. Diesel Generator

## STEAM

1. Gas boiler (convertable on furnace oil in case of emergency)
2. Rice Husk/Corn cobs fuel boiler



# ETP EFFLUENT TREATMENT PLANT

M.K. Sons (pvt.) Ltd, having a thorough understanding of the nature and properties of the companies effluents, operates fully functional effluent treatment plant for cost-effective pollution control. The company is extremely careful in reducing the poisoning of pollution from receiving waters and to comply with discharged content conditions and to provide a healthy & green environment in and around the factory.

## DETAILS

Capacity 170 cubic meters/hour, installed by WEMS company & is Chemo-biological type.





