

SPINNING DEPARTMENT

Name of Machine	No.	Manufacture	Year of Make	Speed	Auto level.	Auto Doff.	AWES	
<u>MIXING</u>								
Mixing Bale opener B	1	Rieter	1962	-	-	-	-	
GBC opener	1	Trumac	1995					
<u>BLOW ROOM</u>								
<u>Blow Room Line (Cotton)</u>								
Mixing bale opener 250kg/hrs B2/2	2	L.R.	1990					
Auto mixer	1	Rieter	1955					
Three way distributor	1	Rieter	1955					
Double scutcher with 3 leg Kirschner beater	2	Rieter	1955	-	-	-	-	
<u>Blow Room Line (P/V) {Lap Line}</u>								
G.B.C. opener	1	Trumac	1996					
Two way distributor	1	L.R.	1990					
Scutcher with Kirschner beater	2	Rieter	1962					
<u>Blow Room Line (P/V) (Chute Feed)</u>								
Mixing Bale Opener (Laxmi Reiter)3/4	1	L.R.	2000					
Mixing Bale Opener B 3/2	1	L.R.	2006					
<u>Blow Room Line (P/V) {New Section}</u>								
G.B.C. opener	1	Trumac	1994					
V.F.O. opener	1	Trumac	1994					
T.V.R. Fan 425	1	Trumac	1994					
Chute FBK 533	6	Trumac	1994-95					
Make of the Machine	No.	Width	Can size	Yr.of make	Speed Level.	Auot Doff.	Auto	AWES
<u>CARDING</u>								
LC-300	7	40"	24"x45"	1998-99 2000	H.S.	Yes	Yes	Yes
Trutzschler DK-740	4	40"	24"x45"	1994-95	H.S.	Yes	Yes	NO
Trumac DK-800 Card	2	40"	24"x45"	2007	SUP.H.S.	Yes	Yes	No
Make of the Machine	No.	Width	Can size	Yr.of make	Speed Level.	Auot Doff.	Auto	AWES
LR C1/2	8	40"	24"x42"	1983-85	H.S.	No	No	No
LR C1/3	6	40"	24"x42"	1995-96	H.S.	No	Yes	No
LC 300A	1	-	-	2004	H.S.	Yes	Yes	No
LR C1/3	2	40"	24"x42"	1997	H.S.	No	Yes	No

CARD ROOM ACCESSORIES

Traverse wheel grinder full width	1	40"	L.R.	1983
Wire mounting m/c	1	40"	LCC	1996
Butt Belder	1	40"	LCC	1996
Lickerin Mounting m/c	1	40"	LCC	1987
Flat Mounting m/c	1	40"	LCC	1987
Flat Grinding m/c	1	40"	LCC	1995
Flat Milling m/c	1	40"	LCC	1990
Traverse wheel grinder	1	40"	LCC	1995
Traverse wheel grinder	1	40"	LCC	1984
Bare cylinder grinder	1	40"	LCC	1984
Grivata Grinder (TSG)	1	40"	LCC	2004
Bale Cylinder grinder	1	40"	LCC	1984
Emery fillet flat grinder	1	40"	LCC	2004

Name of Machine	No.	Make	Year	Model	Lalp Size	Draft	Speed	Auto Doff.	AWES
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COMBER

Ribbon Lap	1	LR	1984	E4/1A	300mm	3*4	H.S.	Yes	No
Sliver Lap	1	Rieter	1971	E2/4	249mm	4*6	H.S.	No	No
Comber	1	Rieter	1971	E-7/4	300mm	3*4	H.S.	No	No
Comber	2	L/R	1974	E-7/4	300mm	3*4	H.S.	No	No
Comber	2	L/R	1992	E-7/4	300mm	3*4	H.S.	No	No

No.	Make	Year	Model	Draft	Can size	No.of Delv.	Feed Ends	Speed	Auto Lev.	Auto Doff.	AWES
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DRAW FRAME

1	RSB	1997	-	3*3	18"* 42"	1	8	VHS	Yes	Yes	No
1	RSB	2000	-	3*3	18"* 45"	1	8	VHS	Yes	Yes	No
1	DO/6	2004	-	3*3	18"* 42"	2	8	H.S.	Yes	Yes	No
1	LR	1986	DO 6	3*3	18"* 42"	2	8	H.S.	No	Yes	No
1	LR	1990	DO 6	3*3	16"* 42"	2	8	H.S.	No	Yes	No
1	LR	1995	DO 6	3*3	18"* 42"	2	8	H.S.	No	Yes	No
1	RSB	1996-98	851	3*3	18"* 42"	1	8	VHS	Yes	Yes	No
1	Laxmi	2005	DO/6	3*3	20"* 45"	2	8	HS	No	Yes	No
2	LR	1997	Do/6	3*3	16"* 42"	2	8	HS	No	Yes	No
2	RSB851	2006	D/F RSB851	3*3	20"* 45"	1	8	VHS	Yes	Yes	No
1	RSB851	2007	D/F RSB851	3*3	20"* 45"	1	8	VHS	Yes	Yes	No

Make	Model	No. of m/cs	No. of Spdl.	Year	Package Lift*dia	Draft-ting	System	Speed	Auto Lev.	Auto Doff.	AWES
<u>SPEED FRAMES</u>											
LR	LF-1400	2	120	1983	12"* 6.5"	3/3	Pneumatic	HS	No	No	No
LR	LF-1400	1	120	1986	12"* 6.5"	3/3	Pneumatic	HS	No	No	No
LR	LF-1400	1	120	1991	12"* 6.5"	3/3	Pneumatic	HS	No	No	No
LR	LF-1400A	2	120	1996	12"* 6.5"	3/3	Pneumatic	HS	No	No	No
Lakshmi	LF-1400A	1	120	1999	12"* 6.5"	3/3	Pneumatic	HS	No	No	No
Lakshmi	LF-1400A	1	120	2000	12"* 6.5"	3/3	Pneumatic	HS	No	No	No
LR	LF-1400A	2	132	2006	12"* 6.5"	3/3	Spring	HS	No	No	No

Make	Model	No. of m/cs	No. of Spdls.	Year	Lift	Ring dia	Guage
<u>RING FRAME</u>							
LR	G5/1	6	864	1983-86	180 mm	38 mm	70 mm
Lakshmi	G5/1	6	864	1996	180 mm	38 mm	70 mm
LR	G5/1 M	4	448	1988-89	180 mm	38 mm	70 mm
LR6s	6-S	6	1008	2000	180 mm	38 mm	70 mm
LR6s	6-S	4	432	2006	180 mm	38 mm	70 mm
LMW	LR60/A	6	1008	2009	180 mm	38 mm	70 mm

RING FRAME ACCESSORIES

	M/c	Year	Manufacturer
Cot Calandering m/c	1	1996	Sabar
Cot Grinding m/c	1	1990	Perfect
Vertical Cot Mounting m/c	1	1996	Sabar
Eccentricity Tester	1	1986	Prestige
Roller Trucing m/c	1	1986	L/G
Berkolizer m/c	1	2002	Sabar
Spindle Oil Lubricating M/c	1	2004	Exemplar
Arbour Flushing M/c	1	2002	Perfect
Spindle Lubrication apparatus	1	2004	Exampler

WINDING DEPARTMENT :

Name of m/c	No. of m/c	No. of Spdl.	Make	Year	Speed
<u>ROTOCONER:</u>					
R.J.K.	2	120	R.J.K.	1981 & 89	600 mpm
Autoconer 338	3	60	Schlafhorst	1998, 2000, 2005	1200 "
Muratec 21C	3	60	Muratec	2002 & 2005	1200 "
R.J.K.	1	120	R.J.K.	1995	600 " - Stopped

NEW SECTION:

Autoconer 338	2	60	Schlafhorst	2006	1200 "
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YCP SECTION

YCP	1	-	SIEGER	2004	-
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Technical particulars & detail for Autoconer attached in separate sheet.

ENGINEERING DEPARTMENT:

TRANSFORMER AT RSRM - NO.1

Make : Urja Techniques India Pvt.Ltd.,
Mumbai
No. of Transformer : 2 Nos.
KVA : 2000
Volts(HV) : 11000 LV-440
At No Load(LV) : 440
Amps (HV) : 105 LV-2624.4
Phase HV : 3 LV-3+Neutral 50 HZ
Type of Transformer: Core
Type of Cooling : ONAN Vector Group - Dynil
Sr.No. : UM 523 & UM 524

TRANSFORMER AT RSRM - NO.2 (New Section)

Make : Crompton Greaves Ltd.
Sr.No. : VF 8558/1
Core type : 1000 KVA 3 Phase 50 Hz
Transformer Vector :
Group Dynil : Onam
Type of Cooling : Oil Cool
HV Amps : 52.50
LV Amps : 1333.80
HV Taping : 11550, 11275, 11000,
10725, 10450, Delta
LV (No load) : 433 Star
Sr.No. :

BOILER HOUSE

Boiler : RISKC-108 (Rakhoh)
Capacity : 3000 Kg/hr.
Pressure : 10.54 kg/cm2
Fuel : Coal

Boiler : MXP 40
Capacity : 4000 Kg/hr.
Pressure : 10.54 kg/cm2
Fuel : Coal

Boiler : MTFH 60 B
Capacity : 6 TPH F&A 100
Pressure : 10.54 kg/cm2
Fuel : Husk & Indian Coal

Thermopac : VTIF 15
Capacity : 1500000 Kcal/hr.
Fuel : Husk & Coal

Thermopack : VTA 15
Capacity : 1500000 K Cal/Hr.
Fuel : Coal

FOLDING DEPARTMENT :

Department	Machine Description	No. of m/c.	Make	Year of make
Grey Folding	Plating m/c Single fold 1000mm	1	Creaves Cotton & Co. agents Bombay	N.A.
	Plating m/c. Single fold 1000mm	1	G.Keighley Ltd., Burnley	N.A.
Finish Folding	Plaiting m/c. Single fold 1000mm Double fold 1000mm With Selvedge Stamping On 2 m/cs	3	Swastik Engg. & Mfg.Co.P.Ltd., Baroda	1961-68
	Plaiting m/c. Single fold 1000mm Double fold 1000mm	1	Almac, Baroda	1993
	Roll fold m/c.	1	Swastik, Baroda	N.A.
	Roll fold m/c.	1	Almac, Vadodara	N.A.
	Baling press m/c.	1	Duncan Stratton & Co., Engg., Bombay	N.A.
	Baling press m/c.	1	John Shaw & Sons Ltd. Engg., Salford	N.A.
	Inspection M/c. (Cotton Folding)	1	Yash Machine Thane	29/01/2003
	Inspection M/c. (Grey Folding)	2	-	-
	Sample Cutting M/c.	1	Sai Sales Corp. Mumbai	1998
Sample Cutting M/c.	1	Sai Sales Corp. Mumbai	10/07/2006	

MOHOTA INDUSTRIES LTD., HNGANGHAT

INSTRUMENT AVAILABLE IN CHEMICAL LABORATORY

Sr No	Name of Instrument	Make	Nos.	Year of Mfg.	Avg.No.of working/day
01	Colour Maching Computer	Jaypak 4801 Mumbai	1	1993	4-5 Hrs.
02	C.O.D.Tester	Spectra Lab	1	1995	--"---
03	High Temp.High Pressure Lab Dyeing Machine	6B-337790 Pareek Electronic	1	June-90	5-7 Hrs.
04	Water Bath	Local	1		--"---
05	Dyeing Pots (200 Stainless Steel Ml)		20		--"---
06	Hot Plates		1		11 Hrs.
07	Electric Oven	Tempo Industries	1	1965	11 Hrs.
08	Physical Balance		1		Asper need
09	Chemical Balance	Keroy Varansicant K5 - 55780	1	1960-65	Every Time
10	Single Pan Chanomatic Balance	Keroy & Co. 25371	1	1996	Every Time
11	BTRA Viscosity Cup	BTRA, B'by Make-57	1		As per need
12	Silica Crucible		1		
13	Decicrators		1		
14	Laboratory Stirrer	Remi Udhog Bombay Code 3227	1	1986	As per need
15	Thermometer	Dimple Researches	1		--"---
16	Twaddlement	Leimco	1		--"---
17	Electronic Pan Balance	Essae- Tezaoka,Ltd.	1	2003	Every Time
18	Fluidity Tester	BTRA	1	2005	As per need
19	Soklet Condenser		1		--"---
20	Distilation Condenser		1		--"---
21	High Temp. High pressure Glycerine Bath Dyeing m/c for fibre	R.B.Electro Sr.No. GB 4780299	1	March,99	--"---
22	PH Meter Digital	Paramount Delhi	1	Dec.,02	--"---
23	Perspirometer SS Package	--"---	1	Dec.,02	--"---
24	Crock Meter New Hand Operated	--"---	1	Dec.,02	--"---

Sr No	Name of Instrument	Make	Nos.	Year of Mfg.	Avg.No.of working/day
24	Crock Meter New Hand Operated	--"---	1	Dec.,02	--"---
25	Sample Cutter for GSM	--"---	1	Dec.,02	--"---
26	Digi WASH SS TM (Washing Fastness)	--"---	1	Dec.,02	--"---
27	Digi PILL SS TM (Pilling Tester)	--"---	1	Dec.,02	--"---
28	Lab Roto Dyer Tester	R.B.E.	1	Sep, 12	As per need
29	Laboratory Padding Mangle	R.B.E.	1	Sep, 12	--"---

Mach-rsr(New)

THE R.S.R.MOHOTA SPG & WVG MILLS LTD., HINGANGHAT
LIST OF TESTING INSTRUMENTS IN STANDARD DEPARTMENT

Stage	Name of the Instrument	Purpose	M a k e
A) FIBRE			
01	HVI	Cotton Testing	Statex, Co're
02	Baer Sorter	Length Analyses	KMI,Ahmedabad
03	Stelometer	Bundle Strength	Srirang Equip. Co., Coimbatore
04	Torsion Balance	Fibre Weight	Made in Hungary
05	Microscope (ordinary)	Fibre maturity, Denier	Educational & Sciencetific
06	Microscope (projection)	Checking	Instrument Corpn. Bombay - 1
07	ATIRA Fineness Tester	Fibre Fineness	Scientific & Indl. Instrument Co. Indore - 3
08	Nep Counting Template	Naps/100 Sq. inch	British Cotton Indl. Research
09	Trash Analyser	Trash Content	-
B) YARN			
01	Wrap Reel (Automatic) 10 Bobbins	Yarn Lea Count	Coimbatore
02	Statex CSP System	,,	Statex Electronics, Coimbatore.
03	UT-3 Uster	U%& Imperfection Spectrogram, Diagram varience lenght curve	Primier Poly., Coimbatore

Stage	Name of the Instrument	Purpose	M a k e
04	Single Yarn St. Tester(automatic)	Single yarn strength checking	Made in Hungary
05	Yarn appearance Examining M/c	Making yarn appearance Board	KMI, Ahmedabad
06	A.S.T.M. grade Photograph	Yarn Gradation	Mahajan Brothers Ahmedabad
07	Snarl Indicator	Snarl factor measurement	General Traders Ahmedabad
08	Hand Spliced Tester	Measuring Spliced Strength	W.Schlafhorst AG & Co.
09	Twist Tester(KMI)	TPI Checking	KMI, Ahmedabad
C) FABRIC			
01	Computerised Tensile Tester	For Fabric Tensile Strength Testing	Statex Electronics, Coimbatore.
02	Quadrant Balance	Checking Count of warp & weft fabric	-
03	Pick Glass	Reed/Pick counting	-
04	Densimeter	-- do --	Apex Enterprises Bombay
05	Tear Strength Tester	Fabric Strength checking	KMI-3 Subhash Indl., Ahmedabad
06	Crease Recovery Testing	Crease Recovery checking	The Silk & Art Silk Mills, B'by
07	Ultra Violet (Check Box)	Checking for Foreign matter & mixing of yarn	Tempo Instrument & Equipment P.Ltd., Bombay
D) GENERAL			
01	Stroboscope (Electrical)	RPM Checking	L.Arjun & Co.
02	Digital Technometer (Electronic)	RPM Checking	L.Arjun & Co. Bombay
03	Mahlo Meter	Moisture Content	Mahlo Star Electronic Equip P.Ltd, Baroda
04	Semitronik Elec. Moisture Meter	Moisture Content	Semitronik Instruments, Ahmedabad
05	Thickness Meter	Polythene Gauge checking	Made in Japan Mitutoyo Mfg. Co.Ltd.
06	Dial Gauge	Diameter measurement	

Stage	Name of the Instrument	Purpose	M a k e
07	Gauge Plate	Wire Gauge, Sheet Gauge	
08	Over Head Projector	For Demonstration	
09	Slide Projector		
10	Stop Watch	Time study	
11	ATIRA Suction Pressure Indicator	Pneumafill pressure checking	ATIRA, Ahmedabad
12	ATIRA NILO Meter for Do/6	Top roller pressure checking	
13	ATIRA NILO Meter for Do/2S		
14	Shore Hardness Tester	Rubber Hardness	Blue Steel Engg. Pvt.Ltd., Bombay
15	Spirit Level (Precision level)	Level measurement	FUJISEIMITUKEIKI & Co.
16	WHIRLING PSYCHROMETER	% R.H. measurement	Blue Steel Engg. Pvt.Ltd., Bombay
17	Tape	Length measurement	
18	Magnifying Glass	Magnification	
19	Thread Gauge	Pitch of screw	
20	Feeler Gauge	Ball bearing guage checking	
21	Sample Knitting Machine	To check yarn quality	STM Knitting M/c.Mfr. 1601, Kalsi Nagar, G.T.Road, Ludhiana-141003 Date: 04.07.2006
22	Magnet Compos	To check North Pole	Selection Stationery, Mumbai (Rs.300/-)Dt: 27.12.12