

Y O U R APPAREL PARTNER



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MFG CORE MESSAGE

It is a moment of rejoice to introduce ourselves to our clients and patrons. We believe whatever we have achieved; its credit should be directed toward our clients.

We instigated our journey in 1998 with a vision of becoming the most recognized knitwear manufacturer in the country and taking BANGLADESH's widely known reputation as a global clothing leader to a new high by offering the best blend of quality and efficiency.

We have expanded its capacity, developed a skilled management team, and workforce, and integrated sophisticated technologies in order to become globally competitive. Therefore, when many struggle to survive in post-MFA world; our business in fact enjoying a healthy growth.

Our painstaking efforts to reengineer each step of our value chain— procurement, production process & planning, workforce productivity & efficiency, and technologies—and turn them into core competencies have paid off.

Focusing solely on knitwear apparel lines, we have adopted a structure by reengineering its value chain to deliver high-quality products in a shorter lead time with flexibility in order size.

Moreover, having endless efforts to ensure internationally accepted employment practices, our clients recognize us as a partner to protect their value system and images among final consumers.



Engineer Md. Shamsuzzaman Nasim, CIP

Managing Director, Micro Fibre Group

Micro Fibre hit the road in 1997. The Multi Fibre Arrangement (MFA) expired in 2004 putting many readymade garments factories in Bangladesh into survival threat. But we survived the challenge and soon proved our potential. Even early in this current decade, when the entire western apparel market across America and Europe went into depression, we continued to register a double-digit growth. For long, we have been maintaining an average yearly export growth of about 15 percent. Conservatively projected, Micro Fibre is going to cross the US\$300 million export mark by the year 2022. Today, we are considered as a model of success as a one-stop fully vertical knitwear manufacturer and exporter from Bangladesh.

We believe our success is. in fact, a fabulous gesture of reciprocation from our valued clients - the globally reputed apparel buyers, who are actually the ultimate ambassadors of our mission. We sincerely serve them in terms of quality, timely delivery, value for the price, quick adaptation to changes in the world apparel markets and, of course, in terms of eco-friendliness as well as other social and ethical values and practices they adhere to. We have learnt that if we listen to the clients first, they will listen to us too. We practice accordingly. We are confident to envisage a globally recognized status of ours as a leading knitwear supplier well before 2025. Yes, we are working hard for a continued progress powered and shared by all in our relation chain.

OUR MANAGEMENT TEAM



ENGR. MD. SHAMSUZZAMAN

Managing Director



BEGUM FERDOUS ARA Chairman



EXECUTIVE DIRECTOR



MR. ZAMIL ANSARY
Director



ENGR. SHARIF HASANDeputy Managing Director



MR. SAIF UZ ZAMAN

Director



DR. MOHAMMAD KAMRUZZAMAN
Finance Director



ENGR. MD. MUKHLESS UR RAHMAN KHAN Director (Technical & Marketing)



ENGR. MOHAMMAD MIZANUR RAHMAN PATWOARY Technical Director



ENGR. SHYAMAL MITRA

Director (Spinning)



MD. AKHTARUZZAMAN

Director Operation
(Vehicle Division)



MOHAMMAD AHSANUL HAQUE

Director

(Customs & Bond)



MD. MOSHARAF HOSSAIN

Project Director

Liberty Knitwear Ltd.

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MFG AT A GLANCE

15 **Number of Units**

- Spinning Knitting
- Dyeing
- Garments

Printing

Trims



1998 Founded in





- Fatullah, Narayangonj
- Vulta, Rupgonj
- Kaliakair, Gazipur



45 ACRES Total Area



Working Hours

8 HR

Daily

Total Employees

48 HR

Weekly

12 HR

Maximum Overtime (Weekly)

Worker Demographics

18 YEARS

Youngest Age of Workers





Men Workers



Export 15.80M PCS

2023-24

6.35M PCS

Garment/Monthly (Basic)

9.45M PCS

Garment/Monthly (Jacket)

Expected to reach

Month by the end of 2026

SISTER CONCERN



MICRO FIBRE LTD







SUNGARH TEX LTD.





MID LAND KNITWEAR LTD.

Orient Chem Tex Ltd.



PRODUCT RANGE







READY-MADE GARMENTS

- Polo Shirt (Basic / Fancy)
- T-Shirt (Basic/ Fancy))
- Sweat Shirt & Sweat Pant
- Ladies Wear
- Children Item
- Sports Wear
- Hoody Jacket

ACCESSORIES

- Woven Label/Printed Label
- Drawstring with Tipping
- Twill Tape
- Poly
- Gum Tape
- Elastic
- Sewing Thread
- Offset Print
- Embroidery

HM A formation A



FABRICS

- Single Jersey (S/J)
- S/J with Lycra Alternate/ Full Feeder
- Heavy Jersey
- Automan Jersey
- Honeycomb Pique
- Lycra Pique
- Diamond Pique
- Single Lacoste
- Double Lacoste
- 1X1RIB (Ctn, Ctn/Els)
- 2 X 2 RIB (Ctn, Ctn/Els)
- Flat Back RIB
- Irregular RIB
- Interlock
- Interlock Double Lacoste
- Fleece (Any Kind)
- French Terry
- Herringbone
- Thermal/Or Waffle
- Yarn Dyed

YARN (KNITTED)

- Count -10's to 16's (Ring)
- Count -20's to 40's (Ring

PRODUCT GALLERY

























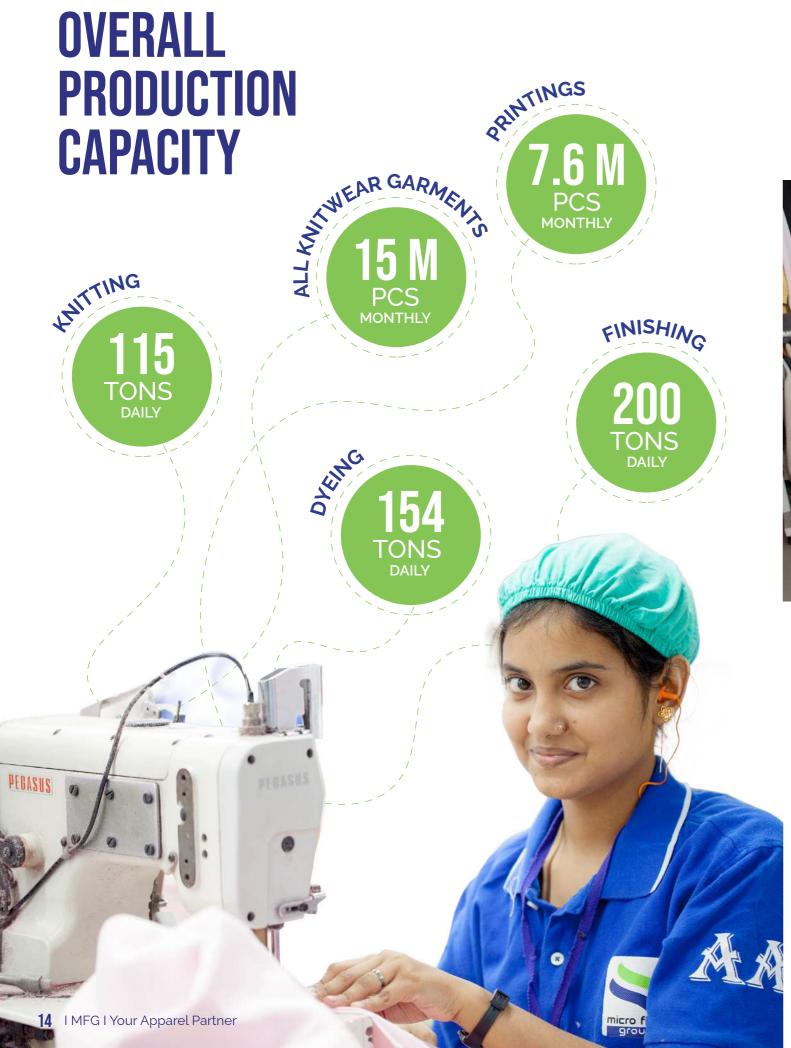








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OUR APPROACH

DESIGN & DEVELOPMENT



WE DEVELOP OUR OWN COLLECTION OF KNITWEAR APPAREL, ALONG WITH, TURNING **OVER THE CLIENT'S SAMPLING** REQUEST.

We launched its product design & development division at the beginning of 2004 by remodeling its sampling division and are looking forward to getting it fully functional in 2006 in terms of offering its range of designed products. Headed by a foreign expert, this fullfledged section delivers exactly the right samples as per clients' requirements.

Working with the clients closely, from an initial sketch or original sample to the

development of a range of counter samples, ensures value for clients.

Its designers, all trained in reputed foreign & local institutions, blend their skills with inputs of ever-changing global fashion trends.

And as a team, we develop our own collection of knitwear apparel, along with, turning over the client's sampling request.

OUR APPROACH

QUALITY CONTROL & ASSURANCE



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OUR
PRINCIPLES
OF "FIT FOR
PURPOSE"
AND
"DO IT RIGHT
THE FIRST
TIME"

Throughout our fifteen years of operation, we have refined our Quality Control System, which includes thorough checks on materials, processes, and products. By continuously remodeling this system, we have achieved an industry-low rework and repair rate, enabling us to deliver high-quality products in the shortest time possible.

Our principles of "fit for purpose" and "do it right the first time" are deeply embedded in our culture, allowing us to meet any AQL requirements set by value-savvy clients.

We have invested in the latest technology, including a computerized quality control and feedback process, fostering a strong

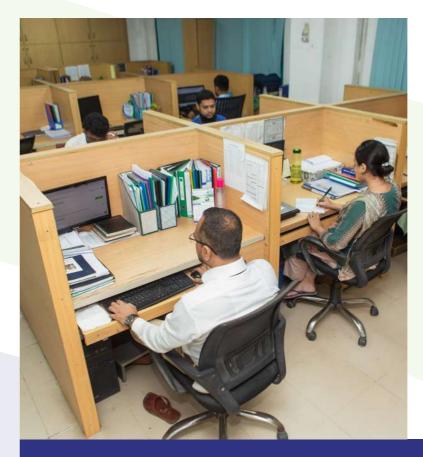
quality consciousness among our workforce. Our experienced quality control team also plays a crucial role in sourcing raw materials, chemicals, and accessories, as well as recommending new technologies.

Starting in 2006, our quality control and assurance teams will work more collaboratively to ensure quality through continuous feedback. From selecting the right chemicals for fiber color tolerance to adopting technologies that ensure quality and comfort, we are committed to delivering maximum value to our clients.

OUR APPROACH

WORKPLACE ENVIRONMENT

As a responsible apparel producer, we prioritize creating a work environment that exceeds legal requirements and aligns with global standards. This commitment supports our clients' images and sourcing principles.





01. ADVANCED INFRASTRUCTURE

We have installed and updated lighting, ventilation, and ergonomics using the latest technologies, such as bus bars for electrical fittings and overhead mirror reflectors.

02. SAFETY MEASURES

Clearly marked emergency routes and exits, smoke and fire detectors, and thoughtfully designed layouts ensure a safe workplace.

03. COMPLIANCE WITH STANDARDS

We adhere to ISO requirements by posting instructions and warning signs in highly visible areas, including in Bangla.

04. REDUCED ACCIDENTS

The use of safety equipment, such as metal gloves during fabric cutting and needle guards during sewing, significantly lowers work-related accidents.

05. SUPPORTIVE ENVIRONMENT

Our workplace fosters mutual cooperation and respect between managerial staff and workers.

06. EMPOWERMENT PROGRAMS

We actively recruit women and implement programs to train and promote them to higher positions within the organization.

OUR APPROACH

WORKER'S WELFARE

Besides paying a "living wage" which is substantially higher than the legal minimum, we support its employees by setting up welfare facilities like medical centers, day-care centers, and canteen. The result is an industry-low turnover rate in its workforce.





OUR APPROACH

CODE OF CONDUCT

AT MFG, COMPLIANCE IS AN ONGOING PROCESS, NOT A ONE-TIME EVENT.

As a responsible apparel producer, we strive to exceed local laws and meet ILO conventions on employment practices, maintaining these standards continuously.

Our success is built on strict adherence to ethical business practices with clients, suppliers, and stakeholders. Our ability to deliver short lead times is made possible by the mutual trust and commitment we share with our suppliers.

Additionally, we have implemented a water treatment plant to preserve the surrounding environment and keep the community green.

- Pull-time medical unit offers healthcare services and covers work-related injury treatments.
- Daycare centers provide safe, hygienic, and supervised care for children of working mothers.
- Canteens, safe drinking water, and clean lavatories ensure a comfortable workplace.

- An emergency fund offers workers interest-free loans during financial crises.
- 'Pick & Drop'
 program provides
 convenient
 transportation for
 workers.
- Of Yearly
 entertainment
 events like picnics
 are organized for
 workers and their
 families.









HEALTH AND HYGIENE

Personal Protective Equipment

Aprons, caps, and masks are provided to all workers. Healthcare

Monthly health checks and first aid facilities.

Sanitation

LOCATION	GENTS (UNITS)	LADIES (UNITS)	STAFF (UNITS)
Liberty Knitwear Ltd	50	45	26
Midland Knitwear Ltd	89	53	12
Liberty Knitwear Ltd U-2	65	114	05
A One Polar Ltd.	155	148	02
Micro Fibre Ltd	35	01	06
TOTAL =	394	361	51

OUR APPROACH

MFG WORKPLACE **FACILITIES**

SAFETY AND INFRASTRUCTURE



Fire Safety

Adheres to Bangladesh Fire Service and Civil Defense guidelines.



Emergency Exits

Three staircases for quick evacuation.



Parking

Ample space for loading, unloading, and private vehicles.

EMPLOYEE AMENITIES



DayCare

On-site daycare for working mothers.



Prayer Room

Dedicated space for prayer.



Dining Hall

Equipped with space and furniture for workers.

Electrification

Concealed wiring for safety.



Ventilation

Proper ventilation and lighting throughout the facility.

OUR ACHIEVEMENTS

ENVIRONMENTAL CERTIFICATIONS

QUALITY AND SOCIAL CERTIFICATIONS



















































- The state of the	LOCAT
	AREA
ARMENTS UNIT	PROD
T A GLANCE	LINE

4 UNITS	LIBERTY KNITWEAR LTD.	MID LAND KNITWEAR LTD.	LIBERTY KNITWEAR LTD. (Kaliakair Unit)	A-ONE POLAR LTD.
LOCATION	Narayangonj High Usmany Cricket S (16 km from Dhak	Stadium, Fatullah	Kaliakair, Gazipur (45 km from Dhaka).	Vulta, Rupgonj (18 km from Dhaka).
AREA	2.23 LAC SQFT	4.04 LAC SQFT	16.48 LAC SQFT	16.26 LAC SQFT
PRODUCTION Line	18 LINES (including 6 polo lines)	18 LINES (including 4 polo lines)	87 LINES	50 LINES
PRODUCTION CAPACITY	T-SHI 7.4 PCS/		JACKETS 7.6 N PCS/MON	THLY

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WORK FLOW

DESIGN & DEVELOPMENT

Crafting innovative and tailored designs to meet customer needs.

SAMPLING

Creating prototypes to ensure quality and precision before mass production.

PRINTING

Advanced printing technology delivers precise, intricate designs on fabrics, enhancing visual appeal and customization.

CUTTING

Fabrics are checked for continuity, and defects, and numbered before bundling per batch.

STITCHING

Uses ballpoint needles, checks cut pieces, and tracks defects. A quality controller oversees each line, with stitch control cards per customer specs.

OUALITY AUDIT

A qualified quality controller checks each aspect of the operation, performs AQL, and can stop production if quality standards are not met.













SPINNING

Converting raw fibers into high-quality yarn for further processing.

KNITTING

Producing fabrics through advanced knitting techniques for various applications.

DYEING

Expertly dyeing fabrics to achieve vibrant, long-lasting colors with machines that maintain sustainability compliances.

WASHING

Innovative eco-friendly washing techniques ensure softness, durability, and unique finishes for high-quality garments.

FINISHING SECTION

Garments are measured, pressed, packed, and carted for final inspection only if they meet the tolerance level.

COC TEAM

An independent Code of Conduct Team monitors compliance with buyer requirements regarding safety, cleanliness, and other factors.

PC TEAM ROLE

The PC Team is responsible for collecting production status on a timely (hourly) basis and maintaining records related to production.















LIST OF GARMENTS MACHINERIES LIST OF GARMENTS MACHINERIES



TOTAL M/C 814

SL. NO.	MACHINE INFORMATION	QUANTITY	ORIGIN
01	Plain M/C	234	Brother, Japan
02	3 Thread Overlook M/C	05	Pegasus, Japan
03	4 Thread Over lock M/C	186	Pegasus, Japan
04	5 Thread Over lock M/C	11	Pegasus, Japan
05	5 Thread Cylinder Bed Flat lock M/C	57	Pegasus, Japan
06	Small to Cylinder Bed	38	
07	6 Thread Over lock M/C	02	Pegasus, Japan
08	Flat Lock (Flatbed)	31	Pegasus, Japan
09	Bar take Computerized M/C	02	Brother, Japan
10	Button Hole M/C	18	Brother, Japan
11	Button Test M/C	01	
12	Needle Checking M/C	02	
13	Button Stch (Attach) M/C	12	Brother, Japans
14	Back Tape M/C	10	Pegasus, Japan
15	Rib Cutter M/C	10	Pegasus, Japan
16	P. M. D. Kansai Special M/C	2	Kansai, Japan
17	Eastman Cutting M/C	06	
18	Spot Cleaning M/C	04	
19	Finishing Iron	43	
20	Smoke Dress M/C, LM-50 (3/16)	01	50 Needle 20 cm Gatherings
21	Finishing Iron Table	43	
22	G.S.M Weight M/C	05	
23	Kansai Piqua ting M/C	03	
24	Automatic Placket Cutting M/C	02	Pegasus, Japan
25	Snap Button M/C	15	Thailand
26	Hemming Compressor M/C	34	Pegasus, Japan
27	Thread Sucker	04	
28	Bell M/C	02	
29	Lay M/C	02	UZU , Thailand
30	G.S.M Cutter M/C	01	
31	Vertical	28	



TOTAL M/C 706

MID LAND KNITWEAR LTD.

SL. NO.	MACHINE INFORMATION	QUANTITY	ORIGIN
01	Plain M/C	279	Brother, Japan
02	Big Cylinder M/C	33	Pagasus, Japan
03	4 Thread Over lock M/C	244	Pagasus, Japan
04	Hemming Compressor	20	Pagasus, Japan
05	Small OT Cylinder Bed	30	Pagasus, Japan
06	Back tape	03	
07	Button Hole Stitch M/C	16	Pegasus, Japan
08	Button Stitch M/C	06	Pegasus, Japan
09	Bar Tech M/C	34	Brother, Japan
10	Rib Cutter M/C	06	Brother, Japan
11	P. M. D. Kansai Special M/C	16	Pegasus, Japan
12	Eastman Cutting M/C	16	-
13	Spot Cleaning M/C	08	-
14	Finishing Iron	57	-
15	Fusing M/C	01	-
16	Finishing Iron Table	57	-
17	G.S.M Weight M/C	05	-
18	Kansai Piquating M/C	01	-
19	Thread Sucker M/C	06	-
20	Thread Cutter	35	-
21	Chain Stitch Needle M/C	06	-
22	Piping Flat Lock M/C	28	-
23	Vertical	29	-
25	5 Thread Cylinderbed flat Lock M/C	70	-
26	Snap Button M/C	08	-
27	Lay M/C	01	-

LIST OF GARMENTS MACHINERIES MACHINERIES



TOTAL M/C 4809



TOTAL M/C 2100

A-O	NE	PO	LAR	LTI	D.

SL. NO.	TYPE OF MACHINE	QUANTITY	BRAND	ORIGIN
1	Plain M/C	1789	Brother	Japan
2	4 Thread Over Lock M/C	1612	Pegasus	Vietnam
3	5 Thread Cylinderbed flat Lock M/C	405	Pegasus	Japan
4	Small to Cylinder Bed	139	Pegasus	Japan
5	Piping/ Back Tape H/ Feettoof Arm Flat	130	Pegasus	Japan
6	Bar take Computerized M/C	220	Nextsew	Chaina
7	Button Hole M/C	75	Brother	Japan
8	Pull Test M/C	4		Taiwan
9	Needle Checking M/C	10	Hasima	Japan
10	Button Stch (Attach) M/C	24	Brother	Japan
11	Back Tape M/C	22	Pegasus	Japan
12	Rib Cutter M/C	15	Dino	Taiwan
13	P.M.D. Kansai Special M/C	73	Kansi	Japan
14	Cutting M/C	52	KM	Japan
15	Auto Cutting M/C	5	Lacra	Japan
16	Spot Cleaning M/C	19	Suprem	Chaina
17	G.S.M Weight M/C	3		
18	Kansai Piquating M/C	8	Kansai	Japan
19	Snap Button M/C	79		Chaina
20	Hemming Compressor M/C	67	Pegasus	Japan
21	Lay M/C	16	UZU	Thailan
22	G.S.M Cutter M/C	16		
23	Chain Stitch Needle	12	Topycal	Chaina
24	Zig-Zag Machine	2		Japan
25	Fusing M/C	2		Chaina
26	Waist Tack Machine	10		Chaina
	G.TOTAL (SEWING+SAMPLE)	4809		

SL. NO.	MACHINE INFORMATION	QUANTITY	ORIGIN
01	Single Needle Lockstitch P/MC	360	Golden Wheel
02	Single Needle Lockstitch P/MC	450	Brother
03	Single Needle Lockstitch P/MC	190	Brother
04	Single Needle Lockstitch P/MC	20	Golden Wheel
05	Single Needle Lockstitch P/MC	25	Typical
06	Tow Needle Chainstitch P/MC	15	Typical
07	2 Needle 4 Thread Over Lock Machine	92	Pegasus
08	2 Needle 4 Thread Over Lock Machine	190	Pegasus
09	2 Needle 4 Thread Over Lock Machine	50	Pegasus
10	3 Needle 5 Thread Flatbed Machine	24	Pegasus
11	3 Needle 5 Thread Cylinderbed Machine	70	Pegasus
12	3 Needle 5 Thread Variable Top Feet Cylinderbed Machine	4	Pegasus
13	3 Needle 5 Thread Fabrics Trimmer Cylinderbed Machine	100	Pegasus
14	2 Needle 4 Thread Backtip Machine	10	Pegasus
15	3 Needle 5 Thread Small Cylinderbed Machine	150	Pegasus
16	Fusing Machine	10	Hashima
17	Pull Test Machine	10	Eimada
18	Snap Fixing Machine	15	Nisho
19	Snap Fixing Machine	20	UZU
20	Rib Cutter Machine	20	Dino
21	Needle Check Machine	15	30+Lock
22	Thread Sucking Machine	10	Hashima
23	Thread Sucking Machine	15	Riya
24	Spot Cleaning Machine	20	Nisho
25	1 Needle Lockstitch Button Hole Machine	15	Brother
26	1 Needle Lockstitch Button Hole Machine	15	Brother
27	1 Needle Lockstitch Button Stitch Machine	20	Brother
28	1 Needle Lockstitch Button Machine	30	Brother
29	1 Needle Lockstitch Bar tack Machine	70	Brother
30	Bartical Machine	70	Typical





FINISHING SECTION

1391 TOTAL M/C

Finishing section is well equipped with the following items:

		Company Name			
Sl. No.	Items	Liberty	Midland	A One Polar	Liberty (Kaliakoir Unit)
1	Ironing Table	43	57	100	320
2	Steam Iron	43	57	208	320
3	Spot Remover	×	08	10	14
4	(A) Brand new steam boiler (200 kg / hour)	×	01	03	05
4	(B) Brand new steam boiler (260 kg/ hour)	01	x	02	02
5	Hand Dryer	×	X	×	09
6	Dirty spot removing m/c	04	08	10	18
7	Metal Detector	X	02	×	09
8	Needle Director, 01	02	02	19	10
9	Dryer Machine	X	×	×	01
10	Button Testing M/C	01	×	02	04
11	Thread Sucker M/C	04	06	20	20
12	Washing Machine	×	×	×	01
13	P.P Belt M/C	01	01	×	X
14	Tag Gun	X	×	63	X
	TOTAL =	99	142	437	738











SUNGARH TEX LTD.

LOCATION	Shibrampur, Kashimpur, Gazipur Sadar, Gazipur.	Zaina Bazar, Sreepur, Gazipur.
AREA	1,10,118 SQFT	4,08,654 SQFT
PRODUCTION	36K PCS SPINDLES	68.4K PCS SPINDLES
CAPACITY	500 MT MONTHLY	1200 MT MONTHLY

COUNT RANGE 10/1 TO 40/1

SPINNING UNIT AT A GLANCE

- **PRODUCT RANGE**
- 100% Cotton Yarn (Carded, Combed)
- 100% Contamination Free Cotton Yarn (Carded, Combed)
- 100% Organic Cotton Yarn (Carded, Combed) (OCS & GOTS Certified)
- 100% BCI Cotton Yarn (Carded, Combed)
- 100% CmiA Cotton Yarn (Carded, Combed)
- Grey Melange Yarn (Cotton + Black Viscose (Carded)
- Cotton Polyester Blended Yarn Raw White and Grey Melange



LIST OF SPINNING MACHINERY

SUNGARH TEX LTD.



Sl. No.	MACHINE	BRAND	ORIGIN
1	Blow Room	Bale Plucker LA23 LMW.	Arosa (USA)
2	Carding Machine	LMW-LC 636	India
3	Drawing Machine	Rieter- RSB-D26	Germany
4	Drawing Machine	Rieter- SB-D-26	Germany
5	Contamination Control	I- Scan	India
6	Lap Former	Rieter	Switzerland
7	Comber	Rieter	Switzerland
8	Simplex Machine - Drafting - Texpart (Gmbh)	Hicorp-FA494	China
9	Ring Machine	LMW-LR9/A	India
10	Auto Coner Machine	Savio Ecopulser M	Italy
11	Auto Coner Machine	Schlafhorst	Germany
12	Heat Setter	YCP Sieger	

UTILITY MACHINES

Sl. No.	MACHINE	BRAND	ORIGIN
1	Compressor	Kaiser	Germany
2	Compressor	GD	Germany
3	Chiller	Shuangliang	China
4	Generator	Caterpillar –G-3516	USA
5		HVI-1000	USA
6		UT-5 (EVENNESS TESTER)	Switzerland
7		WRAP BLOCK	India
8	Lab Equipment's	WRAP REEL	India
9		YARN STRENGTH TESTER	India
10		TPITESTER	India
11		MOISTER TESTER	India









LIST OF MACHINERY



SPINNING MACHINES

TOTAL M/C 204

UNIT	SECTION	SECTION MACHINE NAME		ORIGIN	MFG YEAR	QTY	REMARKS
	Blowroom	B.O	Trutzschler B.O- 046-1200	Germany	1997	1 Set	-
		Axiblow	Trutzschler AFC	Germany	1997	1	-
		ASTA	Trutzschler ASTA- 800	Germany	1997	1	-
Unit #01		Multimixer	Trutzschler MCM- 4/1200	Germany	1997	1	-
Spindle	Carding	Carding	Crosrol-MK 5B	England	1997	10	-
19,200		Carding	Trutzschler TC-10	Germany	2010	6	-
,	Drawing	Drawing	Toyota - DT-100	Japan	1997	6	-
	Ring Frame	Ring (Ring dia- 40 mm)	Shanghai Earfanji FA-507A	China	1997	40	480 sp/mc
	Finishing	Auto Coner Ma- chine	QPRO-2	Japan	2020	1	60 Drum/ mc
	Utility	Compressor	Atlas-50 kw	-	2010	1	-

UNIT	SECTION	MACHINE	BRAND/MODEL	ORIGIN	MFG	QTY	REMARKS
UNII	SECTION	NAME	BRAND/ MODEL	ORIGIN	YEAR	QIY	REMARKS
	Blowroom	B.O	Trutzschler BX-1600	Germany	2003	1	-
		AFC	Trutzschler MFC	Germany	2003	1	-
Unit #02	Carding	Carding	Trutzschler DK 903	Germany	2003	8	-
	Drawing	Drawing	Toyota - DX 7	Japan	2003	3	-
Spindle 22,416	Ring Frame	Ring (Ring dia-42 mm)	Marzoli-DTM 129	China	2003	36	516 sp/mc
	Finishing	Autocone	Muratec-21 C Japan		2003	4	60 Drum/ mc
	Utility	Compressor	Worthington-22 Kw	-	2007	1	-
	Blowroom	BDT-09	Trutzschler	Germany	2008	1	-
L.''. #02	Carding	Carding	Trutzschler TC-03	Germany	2008	11	-
Unit #03	Drawing	Drawing	Toyota - DX 8	Japan	2008	4	-
Spindle 26,832	Ring Frame	Ring (Ring dia-42 mm)	EJM-168	China	2008	50	516 sp/mc
20,002	Finishing	Process Coner	QPRO-2	Japan	2020	1	-
	Utility	Compressor	Worthington - 30 kw	Belgium	2008	4	-
	Blowroom	Mixing Opener	SFA035F	China	2008	1	-
Rotor In 1 & 3		Mono axial Flow Opener	FA102C	China	2008	1	-
Spindle	Carding	Carding	Trutzschler TC-07	Germany	2008	4	-
1,656	Drawing	Drawing	Trutzschler TD-3	Germany	2009	2	-
	Rotor	Rotor	Rieter-BT923	Czech Re- public	2008	3	360 Unit/ mc
					OTAL =	204	



WORKSHOP MACHINES

TOTAL M/C 13

MACHINE TYPE	PRANT (ODICIN	OTV
MACHINE TYPE	BRAND/ORIGIN	QTY
Lathe Machines	Morando (Italy), 10' (India)	2 Sets
Milling Machines	Victory (England)	2 Sets
Shaper Machine	Japan	1 Set
Power Saw	Germany	1 Set
Sheet Bending	Bangladesh	1 Set
Drill Machines	Japan	2 Sets
Hydraulic Pressure M/C	Energy Pak	1 Set
Surface Grinders	-	2 Sets
Gas Cylinder	-	1 Set
		TOTAL = 13

MAINTENANCE EQUIPMENT

TOTAL M/C 16

UNIT	MACHINE TYPE	BRAND	ORIGIN	QTY
	Greasing & Grinding	Dynamic	India	2
Unit #01	Cot Varcolizing & Hardness	Dynamic, Inarco	India	2
	Flat Clipping & Mounting	Perfect	India	2
	Oil Change Machine	Texparts	Germany	1
Unit #02	Clipping, Grinding & Mounting	Perfect, ICC	India	3
	NCT	Trutzschler	Germany	1
	Oil Change Machine	Texparts	Germany	1
Unit #03	Wire & Lickerin Mounting	Trutzschler	Germany	2
	Cot Grinding & Mounting	SABER	India	2
			ΤΠΤΔΙ =	16

QC MACHINERY OVERVIEW

Lee St. Tester

Wrap Block

Wrap Reel

TOTAL M/C 17

UNIT	MACHINE NAME	BRAND/ MODEL	ORIGIN	MFG YEAR	QTY
Unit #01	Twist Tester	-	India	1997	1
	Lee St. Tester	MAG	India	2000	1
	Wrap Block	MAG	India	2000	1
	Wrap Reel	MAG	India	2000	1
Unit #02	Evenness Tester	UT-4	Switzerland	2003	1
	Lee St. Tester	MAG	India	2018	1
	Wrap Block	MAG	India	2003	1
	Wrap Reel	MAG	India	2003	1
	Sig. Yarn Tester	-	China	2015	1
Unit #03	Evenness Tester	Premier IQ-2	India	2013	1
	Advanced Fiber Information System	AFS Pro-2	Switzerland	2013	1
	High Volume Instrument (HVI)	-	Switzerland	2008	1
	Twist Tester	MAG	India	2008	1
	Slub Tester	Printer	Spain	2010	1

MAG

MAG

MAG

India

India

India

TOTAL = 17

1

1

2008

20082008









4 UNITS



MID LAND KNITWEAR LTD.

MID

<u>Elberny</u>

LIBERTY KNITWEAR LTD.

A-ONE POLAR LTD.

LOCATION

Narayangonj Highway, near Usmany Cricket Stadium, Fatullah (16 km from Dhaka). Kaliakair, Gazipur (45 km from Dhaka). Vulta, Rupgonj (18 km from Dhaka).

PRODUCTION CAPACITY

28 TONS
PER DAY

O7 TONSPER DAY

55 TONS
PER DAY

45 TONS

PER DAY

TYPES OF PRODUCTION

- Single Jersey (solid, Lycra, feeder stripe)
- Rib (1x1, 2x2 Lycra Rib, Drop Needle Rib)
- Interlock (Plain, Drop Needle)

- Fleece (2-thread, 3-thread)
- Polo Pique, Lacoste Mini Jacquard
- Waffle, Thermal, and other specialty fabrics

KNITTING UNIT
AT A GLANCE

MFG I Your Apparel Partner 43



KNITTING UNIT-2

TOTAL M/C 72



KNITTING UNIT-1

TOTAL M/C 30

SINGLE JERSEY MACHINES

SL. NO.	M/C NAME/ORIGIN	M/C DIA	M/C GAUGE	FEEDER	M/C QNTY.	REMARKS
1	JIUNN LONG/TAIWAN	30"	24/28	90	8	
2		30"	14/20	90	5	
3		32"	20/24/36	96	2	Full Feeder Lycra Attachment
4		34"	20/24/28	102	1	
5		36"	20/24/28	108	2	
6		38"	20/24/28	114	1	
7		40"	20/24/28	120	4	
				TOTAL =	23	

RIB & INTERLOCK MACHINES

SL. NO.	M/C NAME/ORIGIN	M/C DIA	M/C GAUGE	FEEDER	M/C QNTY.	PROD./DAY (KG)	REMARKS	
1		40"	18	80F	02	2 X 250=500		
2	JIUNN LONG	42"	18	84F	02	2 X 260=520	Lycra Attachment	
3		44"	18	88F	03	2 X 280=560	Attachment	
				TOTAL =	07	2,180		

2180 KG/DAY PRODUCTION CAPACITY

SINGLE JERSEY MACHINES

SL. NO.	M/C NAME/ORIGIN	M/C DIA	M/C GAUGE	FEEDER	M/C QNTY.	REMARKS
1		30"	14/20/24/28	90	4	
2		32"	14/20/24/28	96	7	
3	JIUNN LONG/TAIWAN	34"	14/20/24/28	102	10	
4		36"	14/20/24/28	108	10	
5		38"	14/20/24/28	114	4	Full Feeder
6		40"	14/20/24/28	120	3	Lycra Attachment
7		30"	14/20/24/28	90	7	
8	DAIMAN	32"	24	96	5	
9	BAIYUAN	34"	24	102	4	
10		36"	20/24/36	108	3	
				TOTAL =	57	

RIB & INTERLOCK MACHINES

SL. NO.	M/C NAME/ORIGIN	M/C DIA	M/C GAUGE	FEEDER	M/C QNTY.	REMARKS
1		40"	14/18	80	4	
2	JIUNN LONG	22"	14/18	80	3	Full Feeder Lycra Attachment
3		44"	14/18	84	4	Actualiment
				TOTAL =	11	

FABRICS INSPECTION MACHINES

SL. NO.	M/C NAME/ ORIGIN	M/C DIA	M/C GAUGE	FEEDER	M/C QNTY.	PROD./DAY (KG)	REMARKS
1	Sticker M/C				1		NORSEL
2	Inspection M/C				2		BANGLADESH
3	Inspection M/C				1		CHINA
				TOTAL =	04		





MID LAND KNITWEAR LTD.

SL. NO	NAME OF MACHINE	M/C ID	BRAND	ORIGIN	SPECIFICATION	CAPACITY PER DAY	QTY.
1	Knitting Machine (S/J)	MKL-K-01	JIUNNIONG	TAIWAN	Model-JSL-F Series No: 131106 Diameter- 32", Gauge- 20	234 Kg	1
2	Knitting Machine (S/J)	MKL-K-02	JIUNNIONG	TAIWAN	Model- JSL-F Series No: 131116 Diameter- 36", Gauge- 20	234 Kg	1
3	Knitting Machine (S/J)	MKL-K-03	JIUNNIONG	TAIWAN	Model- JLP Series No: 050112 Diameter- 30", Gauge- 20	234 Kg	1
4	Knitting Machine (S/J)	MKL-K-04	JIUNNIONG	TAIWAN	Model- JLP Series No: 050119 Diameter- 30", Gauge- 20	235 Kg	1
5	Knitting Machine (RIB)	MKL-K-05	JIUNNIONG	TAIWAN	Model- JLD2X4 Series No: 050127 Diameter- 42", Gauge- 18	233 Kg	1
6	Knitting Machine (RIB)	MKL-K-06	JIUNNIONG	TAIWAN	Model- JLD2X4 Series No: 131128 Diameter- 42", Gauge- 18	233 Kg	1
7	Knitting Machine (RIB)	MKL-K-07	JIUNNIONG	TAIWAN	Model- JLD2X4 Series No: 131125 Diameter- 40", Gauge- 18	233 Kg	1
8	Knitting Machine (RIB)	MKL-K-08	JIUNNIONG	TAIWAN	Model- JLD2X4 Series No: 131124 Diameter- 40", Gauge- 18	233 Kg	1
9	Knitting Machine (RIB)	MKL-K-09	JIUNNIONG	TAIWAN	Model- JLD2X4 Series No: 131131 Diameter- 44", Gauge- 18	233 Kg	1
10	Knitting Machine (S/J)	MKL-K-10	JIUNNIONG	TAIWAN	Model- JLS-F Series No: 131108 Diameter- 32", Gauge- 20	235 Kg	1
11	Knitting Machine (RIB)	MKL-K-11	JIUNNIONG	TAIWAN	Model- JLD-2X4 Series No: 131129 Diameter- 44", Gauge- 18	233 Kg	1
12	Knitting Machine (RIB)	MKL-K-12	JIUNNIONG	TAIWAN	Model- JLD-2X4 Series No: 131130 Diameter- 44", Gauge- 18	233 Kg	1
13	Knitting Machine (S/J)	MKL-K-13	JIUNNIONG	TAIWAN	Model- JLS-F Series No: 131119 Diameter- 38", Gauge- 20	233 Kg	1

SL. NO	NAME OF MACHINE	M/C ID	BRAND	ORIGIN	SPECIFICATION	CAPACITY PER DAY	QTY.
14	Knitting Machine (S/J)	MKL-K-14	JIUNNIONG	TAIWAN	Model- JLS-F Series No: 131118 Diameter- 36", Gauge- 20	233 Kg	1
15	Knitting Machine (S/J)	MKL-K-15	JIUNNIONG	TAIWAN	Model- JLS-F Series No: 131110 Diameter- 34", Gauge- 20	234 Kg	1
16	Knitting Machine (S/J)	MKL-K-16	JIUNNIONG	TAIWAN	Model- JLP Series No:050123 Diameter- 30", Gauge- 20	234 Kg	1
17	Knitting Machine (S/J)	MKL-K-17	JIUNNIONG	TAIWAN	Model- JLP Series No: 050117 Diameter- 30", Gauge- 20	234 Kg	1
18	Knitting Machine (S/J)	MKL-K-18	JIUNNIONG	TAIWAN	Model- JLP Series No: 050113 Diameter- 30", Gauge- 20	234 Kg	1
19	Knitting Machine (S/J)	MKL-K-19	JIUNNIONG	TAIWAN	Model- JLP Series No: 050112 Diameter- 30", Gauge- 20	234 Kg	1
20	Knitting Machine (S/J)	MKL-K-20	JIUNNIONG	TAIWAN	Model- JLP Series No: 050114 Diameter- 30", Gauge- 20	234 Kg	1
21	Knitting Machine (S/J)	MKL-K-21	JIUNNIONG	TAIWAN	Model- JLP Series No: 050115 Diameter- 30", Gauge- 20	233 Kg	1
22	Knitting Machine (S/J)	MKL-K-22	JIUNNIONG	TAIWAN	Model- JLP Series No: 050116 Diameter- 30", Gauge- 20	233 Kg	1
23	Knitting Machine (S/J)	MKL-K-23	JIUNNIONG	TAIWAN	Model- JLP Series No: 050125 Diameter- 30", Gauge- 20	233 Kg	1
24	Knitting Machine (S/J)	MKL-K-24	JIUNNIONG	TAIWAN	Model- JLP Series No: 050118 Diameter- 30", Gauge- 20	233 Kg	1
25	Knitting Machine (S/J)	MKL-K-25	JIUNNIONG	TAIWAN	Model- JLP Series No: 050119 Diameter- 30", Gauge- 20	233 Kg	1
26	Knitting Machine (S/J)	MKL-K-26	JIUNNIONG	TAIWAN	Model- JLP Series No: 050121 Diameter- 30", Gauge- 20	233 Kg	1
27	Knitting Machine (S/J)	MKL-K-27	JIUNNIONG	TAIWAN	Model- JLS-2 Series No: 150547 Diameter- 40", Gauge- 20	233 Kg	1
28	Knitting Machine (S/J)	MKL-K-28	JIUNNIONG	TAIWAN	Model- JLS-2 Series No: 150546 Diameter- 40", Gauge- 20	233 Kg	1
29	Knitting Machine (S/J)	MKL-K-29	JIUNNIONG	TAIWAN	Model- JLS-2 Series No: 150548 Diameter- 40", Gauge- 20	233 Kg	1
30	Knitting Machine (S/J)	MKL-K-30	JIUNNIONG	TAIWAN	Model- JLS-2 Series No: 150549 Diameter- 40", Gauge- 20	233 Kg	1
31	Inspaction Machine	MKL-K- QC-31	Proknit	BANGLADESH	Model- INS-B1 Series No: 01343686		1
36	Roller Machine	MKL-K- RM-133	Best Leader	CHINA	Model- TFI-02 Series No: 151253		1





TOTAL M/C 1020

SINGLE JERSEY M/C WITH FULL FEEDER LYCRA ATTACHMENT

M/C Dia	No of M/C	14 GG Convertible 3T-Fleece	20 GG Convertible 3T-Fleece	24 GG Convertible Cylinder	28 GG Convertible Cylinder	32 GG Convertible Cylinder	No. of feeder	Brand Name	Origin
28"	2 Pcs			6 Pcs	5 Pcs	2 Pcs	84	Jiunn Long	Taiwan
30"	16 Pcs		10 Pcs	9 Pcs	8 Pcs	4 Pcs	90	Jiunn Long	Taiwan
32"	12 Pcs		11 Pcs	5 Pcs	8 Pcs	5 Pcs	96	Jiunn Long	Taiwan
34"	21 Pcs		15 Pcs	13 Pcs	8 Pcs	6 Pcs	102	Jiunn Long	Taiwan
36"	13 Pcs		9 Pcs	9 Pcs	7 Pcs	2 Pcs	108	Jiunn Long	Taiwan
38"	8 Pcs	4 Pcs	8 Pcs	8 Pcs			114	Jiunn Long	Taiwan
40"	69 Pcs	5 Pcs	69 Pcs	8 Pcs			120	Jiunn Long	Taiwan
TOTAL	142	09	65	65	36	19			

RIB M/C WITH FULL FEEDER LYCRA ATTACHMENT

M/C Dia	No of M/C	18 GG Convertible Cylinder	20 GG Convertible Cylinder	22 GG Convertible Cylinder	No. of feeder	Brand Name	Origin
36"	3 Pcs	3 Pcs		3 Pcs	72	Jiunn Long	Taiwan
38"	6 Pcs	6 Pcs	1 Pcs	5 Pcs	76	Jiunn Long	Taiwan
40"	5 Pcs	5 Pcs	1 Pcs		80	Jiunn Long	Taiwan
42"	7 Pcs	7 Pcs	1 Pcs		84	Jiunn Long	Taiwan
44"	6 Pcs	6 Pcs			88	Jiunn Long	Taiwan
46"	6 Pcs	6 Pcs			92	Jiunn Long	Taiwan
48"	2 Pcs	2 Pcs	3 Pcs		96	Jiunn Long	Taiwan
TOTAL	35	35	06	08	588		



ENGINEERING (AUTO) STRIPE 4 FINGER M/C WITH FULL FEEDER LYCRA ATTACHMENT

M/C Dia	24 GG in Built	22 GG convertible cylinder	20 GG convertible cylinder	18 GG In Built Rib cylinder	Number of feederfor each combo	Brandname	Origin
28"	1 Pcs				72	Pai Lung	Taiwan
30"	2 Pcs	1 Pcs	1 Pcs		48	Fukuhara	Japan
32"	1 Pcs				72	Pai Lung	Taiwan
34"	2 Pcs	1 Pcs	1Pcs		48	Fukuhara	Japan
36" (Rib)	1 Pcs			1 Pcs	48	Fukuhara	Japan
TOTAL	7	2	2	1			

LIST OF KNITTI MACHINERIES



TOTAL M/C 225

SL. NO	M/C NAME	M/C ID	BRAND	Model No	ORIGIN	CAPACITY	QTY.
1	JIUNNLONG	AOP-K-01	JIUNNLONG	JLS, JLS-2, JLS-C, JLS-F PL-XSCE3/CE	Taiwan		67
2	MAYER & CIE	AOP-K-02	MAYER & CIE	RELANT 3'2	Germany		12
3	HAANTEX	AOP-K-03	HAANTEX	JXP, JLD-2X4	China		105
4	Hangxing	AOP-K-04	Hangxing		China	45 Tons	6
5	Febric Inspaction MC	AOP-K-05	Pro Knit		China Bangladesh	per day	6
6	Auto Strike MC	AOP-K-06			China		2
7	Velor MC	AOP-K-07			China		2
8	KAUO HENG	AOP-K-08			Taiwan		25





WET PROCESSING

Micro Fibre Group Laboratory

Equipped with cutting-edge technology for comprehensive textile testing.





TESTING CAPABILITIES

- WASH TEST
- PILLING TEST
- COLOR FASTNESS TEST
- SHRINKAGE TEST
- LIGHT TEST

ACCREDITATIONS





KIABI

Jennyfer

LABORATORY'S MACHINERIES

SL. NO	M/C NAME	BRAND/ORIGIN	MIDLAND	АОР	LIBERTY
1	Computer Color Matching System (Data Color 1000 USA)	USA	1	1	1
2	Lightbox	Verivide, UK	2	3	2
3	Pilling Assessment Viewer	Verivide	X	1	1
4	Rapid Eco Dryer/ Indesit Dryer	China/ Italy	4	3	7
5	Incubator	IB-05G/ Jeiotech	2	4	2
6	pH Meter	Hanna, Romania	1	1	1
7	Electronic Balance	AND-GLILF, Model: EK600 Dual/ Digiscales	4	4	6
8	Miele Washing Machine	Germany	3	10	5
9	Miele Tumble Dryer Machine	Germany	2	2	5
10	Electrolux Washing Machine	UK	5	4	3
11	Wash Fastness Tester	Roaches	X	2	1
12	Electrolux Tumble Dryer Machine	UK	4	2	5
13	Siemens Washing Machine	Turkey	2	2	X
14	Siemens Drying	Turkey	2	X	X
15	Indesit Washing	Italy	1	X	X
16	Ahiba IR Pro Data Color	UK	5	5	1
17	Martindale Abrasion & Pilling Tester	Roaches	1	1	1
18	Twist Tester	-	1	X	1
19	Bursting Strength Tester	Roaches	1	1	1
20	ICI pilling tester	Roaches/Testex	X	4	2
21	Gyro Wash	James H Heal	1	1	1
22	Digital Crocking Meter	Auto Crock Fastness / James H Heal	X	3	3
23	GSM Cutter	Mesdan/Schrodar/SUJA GLOBAL	X	1	2
24	Hygrothermograph	Sigma2	01	1	1
25	Digital Pipette (Rainin)	-	3	3	
26	Hand Iron	Philips	X	3	1
27	Lower Auto Dispenser	Italy	X	1	1
28	Labtech Dyeing	Taiwan	6	4	1
29	Yarn Count Tester	Paramount, India	1	1	X
30	Measuring Reel	-	X	2	5
31	Sewing Machine	-	1	×	1
32	Lux metre	Singapore	X	X	1
33	Walton Washing M/C	-	2	X	X
34	Wascator Washing M/C	-	2	X	X







4 UNITS

LOCATION



MICRO FIBRE LTD

MID LAND KNITWEAR LTD.

MID LAND

LIBERTY KNITWEAR LTD.

A-ONE POLAR LTD.

Narayangonj Highway, near Usmany Cricket Stadium, Fatullah (16 km from Dhaka).

Vulta, Rupgonj (18 km from Dhaka).

Kaliakair, Gazipur (45 km from Dhaka).

PRODUCTION CAPACITY

21 TONS

PER DAY

18 TONS

PER DAY

52 TONS

PER DAY

60 TONS

PER DAY

DYEING UNIT

AT A GLANCE

TYPES OF **DYEING PROCESS**

- Reactive Dyeing
- Sueded Finishing

Fluorescent Dyeing







DYEING WINCH MACHINES

Sl. No.	MACHINERIES	CAPACITY	QUANTITY	ORIGIN
01	Tong Geng. Dyeing Machinery Co.	1200 Kg	01	Taiwan
02	Tong Geng. Dyeing Machinery Co.	900 Kg	02	Taiwan
03	Tong Geng. Dyeing Machinery Co.	600 Kg	02	Taiwan
04	Tong Geng. Dyeing Machinery Co.	450 Kg	02	Taiwan
05	Tong Geng. Dyeing Machinery Co.	300 Kg	02	Taiwan
06	Tong Geng Machinery Co.	150 Kg	02	Taiwan
07	Alkan	150 Kg	01	Turkey
08	Tong Geng Dyeing Machinery Co.	1500 Kg	01	Taiwan
09	Suntex	10 Kg	04	China
10	J&X	10 Kg	06	China
11	J&X	20 Kg	02	China
12	Bumn	15 Kg	01	China
13	Buman	35 Kg	01	Korea
14	Alkan	50 Kg	01	Korea

FINISHING MACHINES

Sl. No.	MACHINERIES	CAPACITY	QUANTITY	ORIGIN
01	Hydro-extractor Ham seung machinery mfg.col.ltd	200 Kg / Batch	01	Korea
02	Dewatering / Detwisting, Ruckh Calator	10 Ton / Day	01	Sweden
03	3 Chamber, 3 Pass Dong Nam / Korea	06 Ton / Day	01	Korea
04	3 Chamber, 2 Pass High production Shrinkage control Dryer for tubular fabrics, DIELMENLER	10 Ton / Day	01	Turkey
05	Steam Setting Calendar, Dong Nam / Korea	8 Ton / Day	03	Korea
06	Compacting Calendar, Tube-Tex	15 Ton / Day	02	USA
07	Compacting Calendar, Ferraro	6 Ton / Day	01	Italy
08	Fabric Air Turning M/C, Dong Nam	8 Ton / Day	02	Korea
09	Mersun, Squeezer	12 Ton / Day	02	Turkey



MID LAND KNITWEAR LTD.

PRODUCTION CAPACITY 15000 KG/DAY

DYEING WINCH MACHINES

Sl. No.	MACHINERIES	CAPACITY	QUANTITY	ORIGIN
01	Fong's Dyeing Machinery Co.	1600 Kg	01	Hongkong
02	Fong's Dyeing Machinery Co.	1200 Kg	01	Hongkong
03	Fong's Dyeing Machinery Co.	800 Kg	01	Hongkong
04	Fong's Dyeing Machinery Co.,	600 Kg	01	Hongkong
05	Fong's Dyeing Machinery Co.	400 Kg	01	Hongkong
06	Fong's Dyeing Machinery Co	30 Kg	02	Hongkong
07	Fong's Dyeing M/C	800 Kg	01	Hongkong
80	Dilmenler D/C	900 Kg	01	Turkey
09	JET DYEING M/C, TONG JING -2 TUBE	300 Kg	01	-
10	JET DYEING M/C, TONG JING - 1 TUBE	150 Kg	01	-
11	JET DYEING M/C, TONG JING - 4 TUBE	600 Kg	01	-
12	Dilmenler Dyeing M/C	300 Kg	01	Turkey
13	Dilmenler Dyeing M/C	3000 Kg	01	Turkey
14	TONG GENG dyeing M/C	150 Kg	01	Taiwan

FINISHING MACHINES

Sl. No.	MACHINERIES	QUANTITY	ORIGIN
01	Open Width De-watering + Slitting, BIANCO	01	ITALY
02	8 Chamber double burner Alize Dilmenler	01	TURKEY
03	Weft tentory unit for controlling the sprirality of engineering strip fabric, MAHLO	02	GERMANY
04	Open width Compactor, FERARO (working width 2800mm) (Volta Proj.)	01	ITALY
05	Fabric Air Turning M/C, Dong Nam	01	KOREA
06	Open width compactor, Lafer, Two is chain and another is chainless	03	ITALY
08	Stenter - 8 chamber double burner, IL sung, 98" working width 2500 mm	01	KOREA
09	Equilizer dryer, High production shrinkage control for tubular and open fabrics.	01	
10	Singeing M/C (Volta Project)	01	KOREA
11	Tumble Dryer	07	KOREA
12	Stenter - 8 chamber double burner, IL sung, 72" working width (Volta Project)	01	KOREA
13	HYDRO EXTRACTOR, HEN SEONG, CAPACITY 380 KG	01	KOREA
14	SLITTING, BIANCO	01	ITALY
15	STENTER (8 CHEMBER) IL SUNG, 92" WIDTH, 2300 mm	01	KOREA
16	COMBING, LAFAR	02	ITALY
17	BRUSHING, LAFAR	07	ITALY
18	SHEARING, LAFAR	02	ITALY
19	ULTRA SOFT, LAFAR	01	ITALY





DYEING UNIT KALIAKAIR

PRODUCTION CAPACITY 7590 KG/DAY



DYEING UNIT-1

TOTAL M/C 107

DYEING SECTION MACHINERIES

SL. NO	M/C NAME	M/C ID	BRAND	MODEL NO	ORIGIN	CAPACITY	QTY.
1	Fong's	AOP-D-01	Fong's	MINITEC3-1T, ALL- FIT-30, ALLFIT-10	China	52 Tons per day	44
2	Dil Minler	AOP-D-02	Dilminler		Terkey		14
3	Folding MC	AOP-D-03			China		2

DYEING FINISHING SECTION MACHINERIES

SL. NO	M/C NAME	M/C ID	BRAND	MODEL NO	ORIGIN	CAPACITY	QTY.
1	Stenter MC	AOP-DF-01	Sun Super	IS-SST-8GP	Turkey, Korea	80 Ton Per Day	8
2	Open Compector MC	AOP-DF-02	Bianco	CPLZP00103G0863	Italy	16 Ton Per Day	2
3	Slitting MC	AOP-DF-03	Bianco	TGCAP00142G0725	4-Italy, 1-China	50 Ton Per Day	5
4	Squezeer	AOP-DF-04	Bianco	APTQP00257G1139	Italy	5 Ton Per Day	1
5	Chain Dryer (Equilaiz- er)	AOP-DF-05	Dilminler	DMS 05 4 CHEM- BER	Turkey	10 Ton Per Day	2
6	Tube Tex	AOP-DF-06	Ferraro	COMTEX-EASY- FV-1500	Italy	5 Ton Per Day	1
7	Tube Tex	AOP-DF-07	Navis		USA	5 Ton Per Day	1
8	Brush	AOP-DF-08	Lafer		Italy	15 Ton Per Day	3
9	Brush (Mario Crosta)	AOP-DF-09	Mario Crosta	SSC/ATURBOKNIT	Italy	6 Ton Per Day	2
10	Gas Singeing	AOP-DF-10	Pongkhang	PK-G-3-2400	Korea	10 Ton Per Day	1
11	Sharing (Lafer)	AOP-DF-11	Lafer	N° IOGR21479	Italy	4 Ton Per Day	1
12	Sharing (Mario Crosta)	AOP-DF-12	Mario Crosta	MC20/24GFKNIT	Italy	8 Ton Per Day	2
13	Air Turning	AOP-DF-13		REVERSING MA- CHINE	Turkey		3
14	Bag Sewing	AOP-DF-14		GS-AESM-168-X	Taiwan	5 Ton Per Day	4
15	Steam Setting	AOP-DF-15		DNS	Korea		2
16	Hydro MC	AOP-DF-16					4
17	Sweding MC	AOP-DF-17					1
18	Trumbol MC (Continuous)	AOP-DF-18	Karmak	KAR-710 XL	Taiwan	10 Ton Per Day	2
19	Sofetener	AOP-DF-19			China	5 Ton Per Day	2

DYEING WINCH MACHINES

Sl. No.	MACHINERIES	CAPACITY	QUANTITY	ORIGIN
01	Dyeing machine - Dilmenler	2000 kg	02	Turkey
02	Dyeing machine - Dilmenler	1500 kg	02	Turkey
03	Dyeing machine - Dilmenler	1250 kg	03	Turkey
04	Dyeing machine - Dilmenler	1000 kg	03	Turkey
05	Dyeing machine - Dilmenler	750 kg	06	Turkey
06	Dyeing machine – Dilmenler	500 kg	04	Turkey
07	Dyeing machine – Dilmenler	250 kg	04	Turkey
08	Dyeing machine – Dilmenler	150 kg	02	Turkey
09	Dyeing machine – Dilmenler	100 kg	01	Turkey
10	Dyeing machine - Dilmenler	50 kg	04	Turkey
11	Dyeing machine – Dilmenler	25 kg	08	Turkey
12	Dyeing machine - Dilmenler	15 kg	05	Turkey
13	Dyeing machine - Dilmenler	2100 kg	01	Turkey
14	Dyeing machine - Dilmenler	3000 kg	01	Turkey
15	Dyeing machine – Dilmenler	1200 kg	02	Turkey
16	Dyeing machine - Dilmenler	300 kg	02	Turkey
17	Dyeing machine – Dilmenler	600 kg	04	Turkey

FINISHING MACHINES

Sl. No.	MACHINERIES	CAPACITY	QUANTITY	ORIGIN
01	IL sung Stanter machine 8 chamber	10 MT/day	04	Korea
02	DOLMAR Chain (4 Chamber Gas Burner Dryer)	12 MT/day	02	Italy
03	BIANCO Tensionless Slitting line M/c with enzyme washing	10 MT/day	04	Italy
04	BIANCO Chain open BL compact	10 Mt/day	04	Italy
05	Ferraro Tube Compacting Machine	10 Mt/day	01	Italy
06	Tube tex Tube Compactor	10 Mt/day	01	USA
07	BIANCO Squeezer M/C	10 Mt/day	01	Italy
08	Hydro Extractor M/C	3 Mt/day	01	China
09	Tumble M/C Peacock	1Mt/day	03	Taiwan
10	Back Sewing M/C JIUH SHUENN	12 Mt/day	01	Taiwan
11	I-KUANG Brush M/C	8 Mt/day	01	Taiwan
12	Mario Crosta Brush M/C	8 Mt/day	02	Italy
13	I-KUANG Shearing M/C	5 Mt/day	01	Taiwan
14	POONG KWANG Gas Singeing M/C	16 Mt/day	01	Korea
15	Lafen Brush M/C	8 Mt/day	06	Italy
16	Memrun Brush M/C	8 Mt/day	01	Turkey







PRINTING UNITS

PRINT ITEMS

- PigmentDischarge
- GlitterBurn Out
- Reactive Foil Print
- Neon/ Fluorescent

TOTAL AOP CAPACITY

25.5 TONS

PLACEMENT
PRINT CAPACITY

70K PCS
PER DAY

WASHING UNITS

GARMENT WASHING CAPACITY

20K PCSPER DAY

PRINTING & WASHING UNITS AT A GLANCE

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LIST OF PRINTING FLOOR MACHINERIES



PLACEMENT PRINT

TOTAL M/C 204



TOTAL M/C 118

SL. NO.	NAME OF MACHINE	BRAND	ORGIN	SPECIFICATION	CAPACITY	QTY
1	Expose Machine	China	Made in China	Voltage: 220V, 50Hz	N/A	2
2	Expose Machine (Bangla)	Non Brand		Voltage: 220V, 50Hz	N/A	1
3	Curing Machine	China	Made in China	Voltage: 380-440V, 50Hz	10m/min	2
4	Printing Table With Moving Dryer M/C	Non Brand	Made in China	Table Length-100 Feet, Moving Dryer M/C-2PCS, Voltage: 380-440V, 50Hz, Power-7.2 KW	Length- 100F	15
5	Heat Cell M/C	China	Made in China	Voltage: 380-440V, 50Hz	N/A	8
6	Hand Dryer M/C	BOSCH	Made in Germany	Voltage: 220V, 50Hz	N/A	87
7	Color Mixer Machine	Crown	Made in China	Voltage: 220V, 50Hz	N/A	3





SL. NO	M/C NAME	M/C ID	BRAND	MODEL NO	ORIGIN	CAPACITY	QTY.
1	Table Drayer	AOP-PP-01	China		China	16500 Pcs Per Day	20
2	Stryker Printing M/C	AOP-PP-02	Stryker	ST 26080B281238380R	USA	7000 Pcs Per Day	2
3	Gauntlet Printing M/C	AOP-PP-03	Gauntlet	GT 355160838350	USA	7000 Pcs Per Day	2
4	Diamond Back Printing M/C	AOP-PP-04	Diamond Back		USA	7000 Pcs Per Day	2
5	Hebbecker GMBH Dryer M/C	AOP-PP-05	Hebbecker GMBH		Germany	50000 Pcs Per Day	3
6	Expose M/C	AOP-PP-06	Starlite	Starlite	Germany	100 Pcs Per Day	4
7	Blade Shaper M/C	AOP-PP-07	M&R		Germany	15 Pcs Per Day	1
8	Flash Light	AOP-PP-08	M&R		Germany	21000 Pcs Per Day	26
9	Heat Press M/C	AOP-PP-09	China, BD		China		10
10	Tri-Light	AOP-PP-10	M&R		USA	15 Pcs Per Day	1
11	Stray light	AOP-PP-11	M&R		USA	100 Pcs Per Day	1
12	Stressing MC	AOP-PP-12	China		USA	150 Pcs Per Day	2
13	Weight Scale	AOP-PP-13	China		Bangladesh	500 Pcs Per Day	7
14	Thiner Gun	AOP-PP-14	Red Arrow		Bangladesh	120 Pcs Per Day	8
15	Hand Dryer	AOP-PP-15	BOSS		Bangladesh	10000 Pcs Per Day	110
16	Color Mixer MC	AOP-PP-16	CROWN		Bangladesh	500 Pcs Per Day	4
17	Laser Printer (Sample Room)	AOP-PP-17	China		China	200 Pcs Per Day	1

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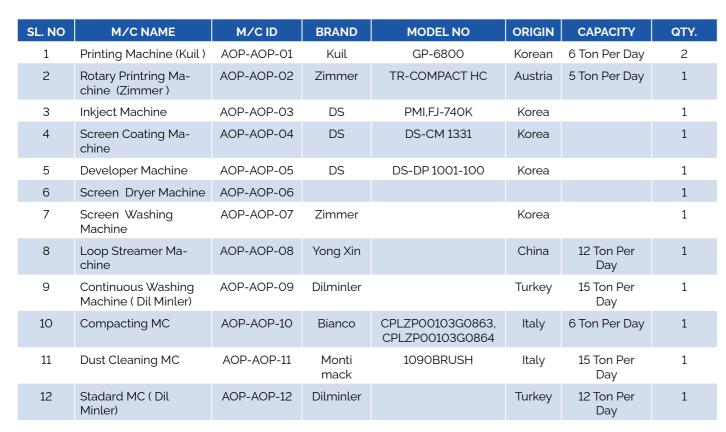
LIST OF ALL OVER PRINTING MACHINERIES

LIST OF PRINTING MACHINERIES



A-ONE POLAR LTD.









MID LAND KNITWEAR LTD.

TOTAL M/C 39

SL. NO	M/C NAME	M/C ID	MODEL	BRAND	ORIGIN	QTY.
1	FLAT BED PRINTING	MKL-P-01	GP-6400	KUIL	KOREA	1
2	FLAT BED PRINTING	MKL-P-02	GP-6400	KUIL	KOREA	1
3	FLAT BED PRINTING	MKL-P-03	GP-6400	KUIL	KOREA	1
4	LOOP STEAMER	MKL-P-04	CS-8250	CLS TECH	KOREA	1
5	CONTINUAS WASHING M/C	MKL-P-05		DAEIL	KOREA	1
6	SCREEN WASHING	MKL-P-06		DS ENGINEERING	KOREA	1
7	VACUUM SCREEN WASH	MKL-P-07		DS ENGINEERING	KOREA	1
8	COLOR MIXTURE	MKL-P-08		KIDD + ZIGRINO	THAILAND	1
9	INJECT PRINTER	MKL-P-09	Industri 74/dc	D-GEN	KOREA	1
10	PLAT SCREEN COUTING M/C	MKL-P-10		DS ENGINEERING	KOREA	1
11	AUTOMATIC STRETCHER	MKL-P-11		JOINTECH	KORIA	1
12	EXPOSE M/C	MKL-P-12	DS-cm 1331	DS ENGINEERING	KORIA	1
13	SPEED REDUCER	MKL-P-13		SAM YANG	KORIA	1
14	SCREEN PRINTING CURING M/C	MKL-P-14		SPRINT	USA	1
15	SCREEN PRINTING (MOVING DRYER)	MKL-P-15		KIDD + ZIGRINO	THAILAND	1
16	SCREEN PRINTING (MOVING DRYER)	MKL-P-16		KIDD + ZIGRINO	THAILAND	1
17	SCREEN PRINTING (MOVING DRYER)	MKL-P-17		KIDD + ZIGRINO	THAILAND	1
18	SCREEN PRINTING (MOVING DRYER)	MKL-P-18		KIDD + ZIGRINO	THAILAND	1
19	SCREEN PRINTING (MOVING DRYER)	MKL-P-19		KIDD + ZIGRINO	THAILAND	1
20	Heat Press Machine	MKL-P-22-33				12
21	Dryer Machine	MKL-P-34		Peacock	Taiwan	1
22	Octopas m/c	MKL-P-35-41		Proknit	Bangladesh	7

LIST OF YARN DYEING MACHINERIES



A-ONE POLAR LTD.

TOTAL M/C 94

SL. NO	M/C NAME	M/CID	BRAND	MODEL NO	ORIGIN	CAPACITY	QTY.
1	R F Dryer M/C	AOP-YD-01	STALAM	RF 150	Italy	16000 Kg	2
2	Gofran	AOP-YD-02	Gofran	GR17-270	Hongkong	1500 Kg	1
3	Tong Jeng	AOP-YD-03	Tong Geng	TGCH	Taiwan	3280 Kg	19
4	Box Dryer M/C	AOP-YD-04		MF 896	China	4000 Kg	1
5	Chiller M/C (Air Craft)	AOP-YD-05			China		2
6	Hydro (Stalm)	AOP-YD-06			China		3
7	Soft Winding MC (CORAL)	AOP-YD-07	Coral	HS-101CS	China	960 Kg	10
8	Hard Winding MC (CORAL)	AOP-YD-08	Coral	HS-101CS	China	960 Kg	10
9	Soft Winding Filament	AOP-YD-09	Changli	SSK	China	192 Kg	4
10	Hard Winding Filament	AOP-YD-10	Changli	SSL	China	192 Kg	8
11	Crane	AOP-YD-11			Taiwan	20 Ton	2
12	Coning M/C	AOP-YD-12					20
13	High Speed Winding M/C	AOP-YD-13					12







WASHING SECTION MACHINERIES

TOTAL M/C 26

SL. NO	M/C NAME	M/C ID	BRAND	MODEL NO	ORIGIN	CAPACITY	QTY.
1	Flainox Washing	AOP-W-01	Flainox	NRG DL 240, ARC/10 KG	Italy	230 Kg	2
2	Tonello Washing	AOP-W-02	Tonello	510HS-EVIMAT. 5904, G1 60 HD	Italy	130 Kg	2
3	Karmak Washing	AOP-W-03	Karmak	500, KA-500F	Turky	190 Kg	4
4	Karmak Deep Dyeing	AOP-W-04	Karmak	KA.DG180, KA.DG181	Turky	85 Kg	2
5	Acid Wash	AOP-W-05	Dysin	XH-800	Bangladesh	110 Kg	3
6	Acid Wash	AOP-W-06	TONGXIN		Bangladesh	20 Kg	1
7	Karmak Tumble Dryer	AOP-W-07	Karmak	710	Turky	90 Kg	3
8	Washing MC	AOP-W-08	Aziz		Bangladesh	0 Kg	1
9	Steam Tumble Dryer	AOP-W-09	Peacock		China	10 Kg	1
10	Hydro MC	AOP-W-10	Aziz		Bangladesh	10 Kg	1
11	Dryer M/C	AOP-W-11	Tongxin		China	80 Kg	4
12	Hydro MC	AOP-W-12	Dysin	HE-1500	China	400 Kg	2



LIST OF GARMENTS ACCESSORIES





DRAWSTING UNIT

M/C NAME	QTY.
Round Drawstring Machine	80 Set
Flat Drawstring Machine	160 Set

TOTAL M/C

240

PROUDCTION CAPACITY

DRAWSTRING DYEING **26 TONS** **DRAWSTRING** WEAVING



DRAWSTING TIPPING UNIT

M/C NAME	QTY.
Metal & Plastic Film Tipping Machine	08 Set
Metal Punch Tipping Machine	11 Set
Thread Wrapping Tipping Machine	07 Set

TOTAL M/C

26

PROUDCTION CAPACITY



NARROW FABRIC UNIT

M/C NAME	QTY.
Twill/Satin/Gross grain Tape (Black, White, DTM)	13 Set
Rib Tape (Black, White, DTM)	04 Set

TOTAL M/C

PROUDCTION CAPACITY

PER MONTH (AVG)

SCREEN PRINTED LABEL UNIT

M/C NAME	QTY.
Printing Machine	03 Set
Curing Machine	02 Set

TOTAL M/C

05

PROUDCTION CAPACITY



DOUBLING & TWISTING UNIT



M/C NAME	QTY.
Doubling Machine	04 Set
Twist Machine	16 Set
Punda Machine	04 Set

TOTAL M/C

PROUDCTION CAPACITY PER MONTH (AVG)

DOUBLING



WOVEN LABEL UNIT

M/C NAME	QTY.
Woven Loom Machine	07 Set
Slitting Machine	02 Set
Welding Machine	01 Set
Ultrasonic Cutting & Folding Machine	03 Set

TOTAL M/C

13

PROUDCTION CAPACITY

7 M

PCS
PER MONTH (AVC

PRINTED LABEL UNIT

M/C NAME	QTY.
Flexo Printing Machine	04 Set
Curing Machine	02 Set
Ultrasonic Cutting & Folding Machine	03 Set

TOTAL M/C

09

PROUDCTION CAPACITY

26 M

PCS
PER MONTH (AVG)





SEWING THREAD UNIT

M/C NAME	QTY.
Cone Winding Machine	20 Set
High Speed Cone Winding Machine	19 Set

TOTAL M/C

39

PROUDCTION CAPACITY PER MONTH (AVG)

260 TON

CONE WINDING

1 MILLION



POLY BAG UNIT

M/C NAME	QTY.
Blowing Machine	
High Speed Blowing Machine	05 Set
Double High School New Tech Blowing Machine	02 Set
Cutting Machine	7 Set
Recycle Machine	
Two Stage Extrusion Recycle Machine	1 Set
Automated Two Stage Extrusion Face Cut- ter High Tech Recycle Machine	1 Set

TOTAL M/C

16



17 MILLION

240 TON

PROUDCTS

- Virgin PE/PP/Hdpe Poly
- Recycle PE/PP Hdpe Poly
- Biodegradable Poly







GUM TAPE UNIT

M/C NAME	QTY.
Core Cut to Finish Machine (Full Set)	01 Set
Packaging (Full Set)	01 Set

TOTAL M/C

PROUDCTION CAPACITY

ELASTIC UNIT

M/C NAME	QTY.
Crochet Machine	50 Set
Wash Machine	06 Set
Folding Machine	04 Set
Rolling Machine	05 Set

TOTAL M/C

PROUDCTION CAPACITY

4.5 M YDS
PER MONTH (AVG)

65



EMBROIDERY UNIT



TOTAL M/C

PROUDCTION CAPACITY



OFFSET PRINTING UNIT

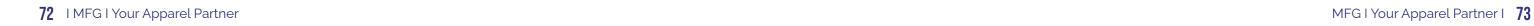
TOTAL M/C

M/C NAME	QTY.
Printing Machine	02 Set
Hot Stamping/Foil Machine	01 Set
Hand Die Cutting Machine	02 Set
Polar Cutting Machine	01 Set
Lamination Machine	01 Set
Punch Machine	1 Set

PROUDCTION CAPACITY PER MONTH (AVG) PHOTO INLAY
20 M PCS 05 M PCS











HEAT TRANSFER LABEL UNIT

M/C NAME	QTY.
DTF Digital Printing Machine	01 Set
Semi Auto Printing Machine	01 Set
Curing Machine	01 Set
Cutting Machine	01 Set

04







PRICE TICKET UNIT

M/C NAME	QTY.
Printing Machine	06 Set

TOTAL M/C

TOTAL M/C

06



UTILITY SERVICES

Sl. No	DESCRIPTION	MFL & MKL	AOPL	LKL (Kaliakoir Unit)
01	11/4 KV Sub-Station	-	02	01
02	Diesel Generator,	02	02	Nill
03	Deep Tube-Wel 40 H.P. Turbine	02	02	03
04	Deep Tube-Wel 60 H.P. Turbine	02	02	Nill
05	Air Compressor	09	20	04
06	Automatic Voltage Stabilizer	01	01	02
07	Gas Generator	03	05	04
08	Steam Boiler, 10.6 Ton	02	04	02
09	WTP	01	04	02
10	ETP	01	01	01





PHYSICAL AND CHEMICAL ANALYSIS OF WATER SAMPLE

	Western Overslift & Dewards		Water Quality Berom		Actual Con-	Drinking V	Vater Standards
Sl. No	Water Quality Param- eters	Unit	centration Present	WHO guide line value (1984)	Tentative Bangladesh Standard		
01	pH		6.60	6.5 – 8.5	6.5 – 8.5		
02	Total Dissolved Solids (TDS)	Mg/L	512	1000	1000		
03	Chloride, (CI)	Mg/L	145	250	150-600		
04	Total Hardness as CaCO3	Mg/L	208	500	200-500		
05	Iron, (Fe)	Mg/L	0.20	0.3	0.3-1.0		
06	Manganese Mn	Mg/L	0.35	0.40	0.1		
07	Total Alkality of CaCO3	Mg/L	117	-	-		

EFFLUENT TREATEMENT PLANT (ETP)

TOTAL CAPACITY
750 M³/HR

PLANT T	/PE	CAPACITY	UNIT
Biological plant		150 m³/hr	Midland Knitwear Ltd. And Micro Fibre Ltd., Fatullah Unit
Biological plant		400 m³/hr	A One Polar Ltd., Vulta Unit
Biological plant		200 m³/hr	Liberty Knitwear Ltd., Kaliakair













WATER TREATEMENT PLANT (WTP)

TOTAL CAPACITY
700 M³/HR

PLANT TYPE	CAPACITY	UNIT
Softener plant	200 m ³ /hr	Midland Knitwear Ltd. And Micro Fibre Ltd. Fatullah Unit
Softener plant	300 m³/hr	A One Polar Ltd., Vulta Unit
Softener plant	200 m³/hr	Liberty Knitwear Ltd. Gazipur



BANKING PARTNER



United Commercial Bank Limited

Bangshal Branch 32/3, Malitola Road, Dhaka, Bangladesh



Premier Bank Ltd.

Kawran Bazar Branch 07-09 Kawran Bazar, Dhaka, Bangladesh

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9344061

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FACTORY ADDRESSES

LIBERTY, MIDLAND & MICRO FIBRE

Dhaka – Narayangonj Highway, near Usmany Cricket Stadium, Fatullah (16 km from Dhaka).

LIBERTY (KALIAKAIR UNIT)

Kaliakair, Gazipur (45 km from Dhaka).

A ONE POLAR

Vulta, Rupgonj (18 km from Dhaka).

