

COMPANY PROFILE

Revised August-2017

1 Name of Factory	: AKH KNITTING & DYEING LTD., (A 100% Export Oriented Composite Knit Factory)
2 Estimated Project Value	: 9.0 Million US \$
3 Factory Location	: 92, Phulbaria, Tetuljhora, Savar, Dhaka. Bangladesh
4 Head Office	: 133-134, Hamayetpur, Savar, Dhaka. Bangladesh. Fax: (880-2) 8155640 – 41. Phone : 880-2-7744001-8, 880-2-7741830-31.
5 Telephone Fact.	: 00 88 02 7741727-8
6 Fax	: 00 88 02 7710788
7 E-mail	: hossain@akhfashions.com alam@akhfashions.com kashem@akhfashions.com
8 Management	: Md. Delwar Hossain – Chairman Md. Shamsul Alam – Managing Director Md. Abul Kashem – Dy. Managing Director Md. Shamim Haque – Director
9 Management Contact	: Mr.Delwar Hossain, Mr. Shamsul Alam and Mr. Abul Kashem
10 Legal Status	: Private Limited Company Bonded Warehouse No. 106/CUS-SBW/2001 E.R.C No. RA 53894
11 BGMEA Reg. No.	: 3890 (AKDL)
12 Bank	: Export Import Bank of Bangladesh Gulshan Branch, 75, Gulahsn Avenue, Dhaka 1212, Bangladesh. Phone: 9886296, 9862262, 8819711. Telex: 632125 EXN GL BJ. Fax: 880-2-8818703. E-mail: eximgul@bttb.net.bd . Swift # EXBKBDDH 007.
13 Company Established	: 2004
14 Annual Turnover	: 45.00 Million US \$
15 Factory Type	: 100% Export Oriented Knitting Fabric Dyeing & Finishing Cutting Printing & Embroidery Sewing & Readymade Garments
16 Total Land Area	: Around – 3.72 Acre (1,62043 sqft./15,054sqm.)
17 Factory Size	: 2,45,200 Sft.(22,780 sqm)
18 Manufacturing Area	: 2,05,000 Sft.
19 Warehouse Area	: 34,000 Sft./3,158 sqm
20 Office Area	: 6,000 Sft.
21 Canteen & Dining	: 7,000 Sft.

22 Total Nos. of workers : 3,888 Persons (Incl. Knitting & Dyeing)
 23 Nos. of male workers : 2,422 Persons
 24 Nos. female workers : 1,466 Persons
 25 Lead time : 60-90 days
 26 Main Product : T- Shirt, Polo Shirt, Sweat Shirt, Tank Top, Boxer Shorts, Jogging Suit, Pajama Sets & Brief (Men's & Ladies) etc.
 27 Production Capacity : 16,00,000 Pcs. per month.
 28 **Major Customer** : G.Gueldenpfennig GmbH (Germany), Centerline (Germany), Western Store (Germany), Tchibo (Germany), ALDI (Germany), Gustav Daiber (Germany), Ernsting's Family GmbH (Germany), C&A (Germany), LIDL (Germany) Mackays Store (UK), Gus / Shop Direct (UK), Surgent Major (UK), Sainsbury's (UK), CDF, Kappa, Marcopolo (Spain) B&C (Belgium), Tex-Ebo (Singapore), ZXY, Li & Fung (HK), Rafa, Wal Mart (USA/ Canada), K-Mart (USA), JC Penney (USA), Target (USA), Macy's (USA), Kohls (USA) Etc.

LIST OF MACHINERY

KNITTING MACHINES:

Sl. No.	Description	Brand	DIA	GG	Track	Qty	Remarks
AA	Single Jersey/ Pique	Zentex	21	24	4	1	Full Feeder Lycra attachment
	Single Jersey/ Pique	Zentex	22	24	4	1	Full Feeder Lycra attachment
	Single Jersey / Pique	Zentex	23	24	4	2	Full Feeder Lycra attachment
	Single Jersey/ Pique	Zentex	24	24	4	2	Full Feeder Lycra attachment
	Single Jersey/ Pique	Zentex	26	24	4	1	Full Feeder Lycra attachment
	Single Jersey/ Pique	Zentex	36	24/28	4	4	Full Feeder Lycra attachment
	Single Jersey/ Pique	Zentex	30	24/28/20	4	2	Full Feeder Lycra attachment
BB	S/Jersey/with fleece conversion kit	Orizio	30	24/28/20	4	2	Full Feeder Lycra attachment
CC	Double Jersey Rib/ Interlock	Orizio	30	24/18	8 Lock	1	Full Feeder Lycra attachment
DD	Double Jersey Rib/ Interlock	Orizio	36	24/18	8 Lock	2	Full Feeder Lycra attachment

DD	Double Jersey Rib/ Interlock	kingwa	42	18/24	8 Lock	1	With Lycra attachment
EE	S/J with Fleece conversion kit	Tayu	34	20/24/28	4 Track	2	Full Feeder Lycra attachment
	Single Jersey/ Pique	Tayu	36	24/28	4 Track	2	Full Feeder Lycra attachment
	Single Jersey/ Pique	Tayu	44	28/20	4 Track	2	Full Feeder Lycra attachment
	Double Jersey Rib/Interlock	Tayu	42	18/24		2	Full Feeder Lycra attachment
FF	Rib/ Interlock	Vignony	36	18/24	8 Lock	2	Full Feeder Lycra attachment
	Rib/ Interlock	Vignony	38	18/24	8 Lock	1	Full Feeder Lycra attachment
	Rib/ Interlock	Vignony	40	18/34/20	8 Lock	2	Full Feeder Lycra attachment
GG	Single Jersey Rib/Interlock	Tayu	28	44/24	4	1	Full Feeder Lycra attachment
	Rib/ Interlock	Tayu	24	44/18	8 Lock	2	Full Feeder Lycra attachment
	Rib/ Interlock	Tayu		42/18	8 Lock	1	Full Feeder Lycra attachment
	Interlock	Mayer	36	24	4 Lock	2	
	Rib/ Interlock	Tayu	40	40/18	8 Lock	2	Full Feeder Lycra attachment
Total Nos. of Knitting Machine						40	SET

FLAT KNITTING MACHINES:

Sl. No.	Description	Brand	Qty.	Remark
1	Flat Knitting Machine (Model M 100 14GG)	Matsuya (Japan)	8 Set	
2	Flat Knitting Machine (Model JL-203)	JY-LEH (Taiwan)	4 Set	
3	Flat Knitting Machine (Model 172SJ)	Matsuya Japan	4 Set	
Total Nos. of Knitting Machines			16 Set	
4	Cloth Inspection Machine(Model – UZ-900-31)	Thailand	2 set	
			18 Set	

DYEING MACHINE:

S.No	Description	Brand	Capacity	Qty.
1	Athena 2927 HF	Sclavos (Greece)	1000 Kg	1 Set
2	Athena 2807,2943 HF	Sclavos (Greece)	750 Kg	2 Set
3	Athena 2888 HF	Sclavos (Greece)	150 Kg	1 Set

4	Eco-6-3T	Fongs(China)	750 Kg	1 Set	
5	Eco-6-3T	Fongs(China)	250 Kg	1 Set	
6	Allfit-10	Fong's(China)	10 Kg.	1 Set	
7	Allfit-30	Fong's(China)	30 kg	1 Set	
8	Rapidstar Century RC 14 – 30606	SCHOLL(Switzerland)	1140 Kg.	1 Set	
9	Rapidstar Century RC 14 – 20406	CHOLL(Switzerland)	760 Kg.	1 Set	
10	Rapidstar Century RC 14 – 10206	SCHOLL(Switzerland)	380 Kg.	1 Set	
11	Rapidstar Century RC 14 – 10106	SCHOLL(Switzerland)	55 Kg.	1 Set	
12	Sample Machine	SCHOLL(Switzerland)	20 Kg.	1 Set	
13	XDOG-2T-T20	SUNTEX(China)	400 Kg	1 Set	
	Total Nos. of Dyeing Machine			14 Set	

S.No.	Description	Brand	Model	Qty.	Remarks
1	Color Measurement Light Box 4 feet's	Verivide, UK	CAC 120	1 Set	

Total Dyeing Capacity: 17 Tons per day.

FINISHING MACHINE FOR DYEING FACTORY

S.No	Description	Brand	Qty.	Remarks
1	SANTASTRETCH – PLUS, Continuous rope-opening, hydro-extracting, overstretching and wet-compacting system, for the treatment of knitted fabric in tubular form, working width: 240 cm	SANTEX (Switzerland)	1 Set	Capacity: 10 Tons
2	SANTASHRINK, Shrink for the dyeing and shrinking of knitted fabrics in tubular and open width form 3 chambers, Gas heated, working width: 240 cm	SANTEX (Switzerland)	1 Set	Capacity: 9 Tons
3	Tube Tex 60" Pak – Nit II Delta Plus SP Tubular Compactor	TUBE TEX (USA)	1 Set	Capacity: 9 Tons
4	Heat Setting Machine	DONG NAM (Korea)	1 Set	Capacity: 3 Tons
5	Hydro machine, Model-NCE42	Taiwan	2 Set	Capacity: 200 LBS
6	Fabric Turning Machine	DNAT- 400	3 Set	
7.	Tumble Dryer(150 Kg 2 Pcs,50 Kg) Model-HGQ	Taizhou	3 Set	
8	Color Measurement Light Box 2 feet's	Verivide, UK	1 Set	
9	Exhaust Fan		8 Set	

10	Stenter M/C Model :11/2008	Made in Turkey	1 Set	
11	Slitting M/C Model: Bianco	Made in Italy	1 Set	
12	Open Compector M/C Model: Lafer	Made in Italy	1 Set	
13	Raising m/c Model: Lafer	Made in Turkey	1 Set	
14	Sweeding m/c Model: Lafer	Made in Turkey	1 Set	
15	Bag Sewing m/c Model:	Made in Italy	1 Set	
16	Tumble Dryer m/c Model: Lafer	Made in Turkey	2 Set	
17	Steam open & tube dryer m/c. Model : Entama	Made in Turkey	1 Set	
	Total Nos. of Finishing Machine		30 Sets	

LAB EQUIPMENTS:

S.No	Description	Brand	Qty.	Remark
1	Circular Cutter INC Board	Roaches,UK	3 Set	
2	Verivide Light Cabinet, Model CAC 60+One set Spare lamp	Roaches,UK	1 Set	
3	Sartorims BL 150, 2X0.0 and 1X0.000	Roaches,UK	3 Set	
4	Sartorims BL 1500 Electronic Balance	Roaches,UK	1 Set	
5	Crock Meter Starter Kit (Rubbing Test)	Roaches,UK	1 Set	
6	Washtec P Fitted (Color fastness to wash)	Roaches,UK	1 Set	
7	Perspirometer (Sweat Test)	Roaches,UK	1 Set	
8	Wash Cator (Shrinkage test)	Roaches(UK), SDLATLAS(UK)	2 Set	
9	OPTI-Dry (Dryer)	Roaches(UK), SDLATLAS(UK)	2 Set	
10	ICI Pilling Tester – 2 Chamber	Roaches,UK	1 Set	
11	Lad Dip Machine (Ahiba Nuance Eco)	Data Color, USA	1 Set	
12	Spectrophotometer with Computer + Software	Data Color, USA	1 Set	
13	Pyrotec 2000 Series	Roaches	1 Set	
14	Electronic Digital Pipette	Rainin,USA	1 Set	
15	Microprocessor PH Meter	Hanna	1 Set	
16	Incubator	Roaches	1 Set	
17	Electronic Balance (Big)		3 Set	
18	Quick Wash, Model- EC300(Include Geysers &	SDLATLAS	1 Set	

	On-Line UPS)			
19	Padding Dyeing m/c: Air-Pad Model: P-A1(Vertical Type)	Made in China	1 Set	
20	Hand Reeling Twist tester Model : Y321	Made in China	1 Set	
21	Hot Air Dryer Oven Model : R-1	Made in China	1 Set	
22	Wrap Reel Electronic Model : YG O86E	Made in China	1 Set	
23	Verivide Light Cabinet, Model CAC 60+One set Spare lamp	Roaches,UK	1 Set	
	Total Nos. of Lab Equipments		31 Sets	

POWER / UTILITY:

Sl. No.	Description	Brand	Qty.	Remarks
1	Generator, Gas Operated 01 MW (USA)	CATERPILLAR Made G3516	1 Set	
2	Boiler, 8000 Kg. With water softener Plant	THERMAX (India)	1 set	
3	Water Treatment Plant	THERMAX (India)	3 set	
4	Compressor, 3.15/M3	KAESER (Germany)	5 Set	
5.	Compressor	Atlas Capko	1 Set	
6.	Generator continuous run, Diesel, 650 KVA	Cater Piller	1 Set	
7.	Generator Standby 500 KVA	Scania	1 Set	
8	Effluent Treatment Plant	Ion Exchange (India)	1 Set	
9	Boiler, 6300 KG with water softener Plant	Forbes Marshall(India)	1 Set	
10	R E B Substation 500 KVA(Type – AUTO)	Energy Pac	1 Set	
11	LT Panel (Complete Set)	Energy Pac	1 Set	
12	Blower Motor		1 Set	
13	Deep Tube Well	KSB	3 Set	
14	Boiler 250 kg Capacity(Garments Section)		1 set	
15	Electronic Balance (Small)		9 set	
16	REB sub station 150 kva Type-Auto		1 set	
17	Generator, gas operated 1064 KW(jenbacher)		1 set	
	Total no. of power/utility Machine		33 Set	

GARMENTS DIVISION

Sl. No.	Name of Machine	No. of Machine	Rem.
1	Plain Machine	371	
2	Over Lock Machine	297	
3	Flat Lock Machine	215	
4	Snap Button Machine	15	
5.	Two Needle Machine	05	
6.	Kansai Machine	05	
7.	Pecoding Machine	06	
8	Rib Cutting Machine	13	
9	Lock Stitch Zig Zag Machine	06	
10	Bake Tape Machine	04	
11	Feet of the Arm Machine	09	
12	Button Stitch Machine	12	
13	Button Hole Machine	18	
14	Belco Attaching Machine	05	
15	Bar Teck Machine	04	
	Total Sewing Machine	985 Nos.	

CUTTING & FINISHING MACHINE

SL. NO	NAME OF MACHINE	BRAND	MODEL NO	QTY/ SET	REMARK
1	CUTTING MACHINE 10 “	KM	KS-AUV	06	
2	CUTTING MACHINE 8 “	KM	KS-AUV	12	
3	HEAT TRANSFER MACHINE			17	
4	LABEL COUNT MACHINE			0	
5	LAMINATING MACHINE			1	
6	MINI FUSING MACHINE			2	
1	BAN KNIFE MACHINE	AZU	BK-550	3	
1	FABRIC INSPECTION MACHINE	UZU	UZ-900-3172	2	
2	STRAPPING MACHINE	UZU	UZ-P909G	2	
3	THREAD	MODERN	TS-05-12	3	

		SUCKING MACHINE				
4		THREAD WINDING MACHINE	UZU	UZ-0208	2	
5		LABEL FOLDING MACHINE			0	
6		BOILLER IROM	SEWING	SP-650	95	
8		IROM TABLE	MODERN	VT-750 L	95	
9		LABEL CUTTING MACHINE	UZU	UZ-900-3172	06	
11		SPOT CLEANING MACHINE	UZU	B K-550	1	
12		METAL DETECTORS	LOCAL		2	
13		COMPRESER (AUTO)			1	
14		STEAM IRON			50	
15		PULL TEST MACHINE			1	
16		LABEL FOLDING MACHINE			0	
			TOTAL		301 SET	

Sample Section

1		Auto pattern cutting machine	Winda		1	
2		Auto CAD	Lecta	ALYS-30-L	1	
			TOTAL		2 SET	

LIST OF PRINTING MACHINE

SL NO	DATE OF PURCHASE	NAME OF MACHINE	MACHINE OF ORIGIN	MODEL NO	QTY/ SET
1		Auto Printing Machine	Taiwan	P-100	01 PC.
2		Belt Curing Machine	Taiwan		02 PCS.

3		Glass Table	Taiwan		02 PCS
4		Camera Machine	Taiwan		01 PC.
5		Screen Dryer Machine	Taiwan		01 PC.
6		Screen Making Machine	Taiwan		01 PC.
7		Heat Press Machine (Auto Manual)			12 Sets
8		Air Compressor(Auto)	India		1 set
			TOTAL		21 PCS.

LIST OF EMBROIDERY MACHINE

SL NO	DATE OF PURCHASE	NAME OF MACHINE	MACHINE OF ORIGIN	MODEL NO	QTY/ SET
1		Tajima	Japan	TFGN (Sequin-20 Head)	01
2		Tajima	Japan	TFKN(Cording & Boring-12 Head)	01
			TOTAL		02

AIR CONDITION

SL	Description	Brand	Capacity	Remarks
1	AC (Full Project)	General(33-saet)	63 Tons	
2	Lift	OTIS (Koria)	1350 Kgs	
3	Exhaust fan (Full Project- size 54"-42 pcs, 44"-7 pcs, 36"- 15 pcs)	China	64 pcs	
4	Champ // Electronic Blance	UK, China, Switzerland	10 pcs	
5	Water Filter(Model HM-6181)	Taiwan	03 pcs	

ENVIRONMENTAL DATA-2016

AKH KNITTING & DYEING LTD.

No.	Name	Total Amount – Year 2016
01	GHG Emission (Indirect)	1006.89 Ton CO2e
02	GHG Emission (Direct)	15027.92 Ton CO2e
03	Waste Water Discharge	549674 m3
04	Solid Waste Generation	2426.69 Ton
05	Water Consumption	698971 m3
06	Natural Gas Consumption	7825143 m3
07	Diesel Consumption	98131 Liters
08	Electricity Consumption (REB)	1750755 KWH
09	Solar Electricity Consumption	3319 KWH
10	Total Electricity Consumption	12323.98 MWH