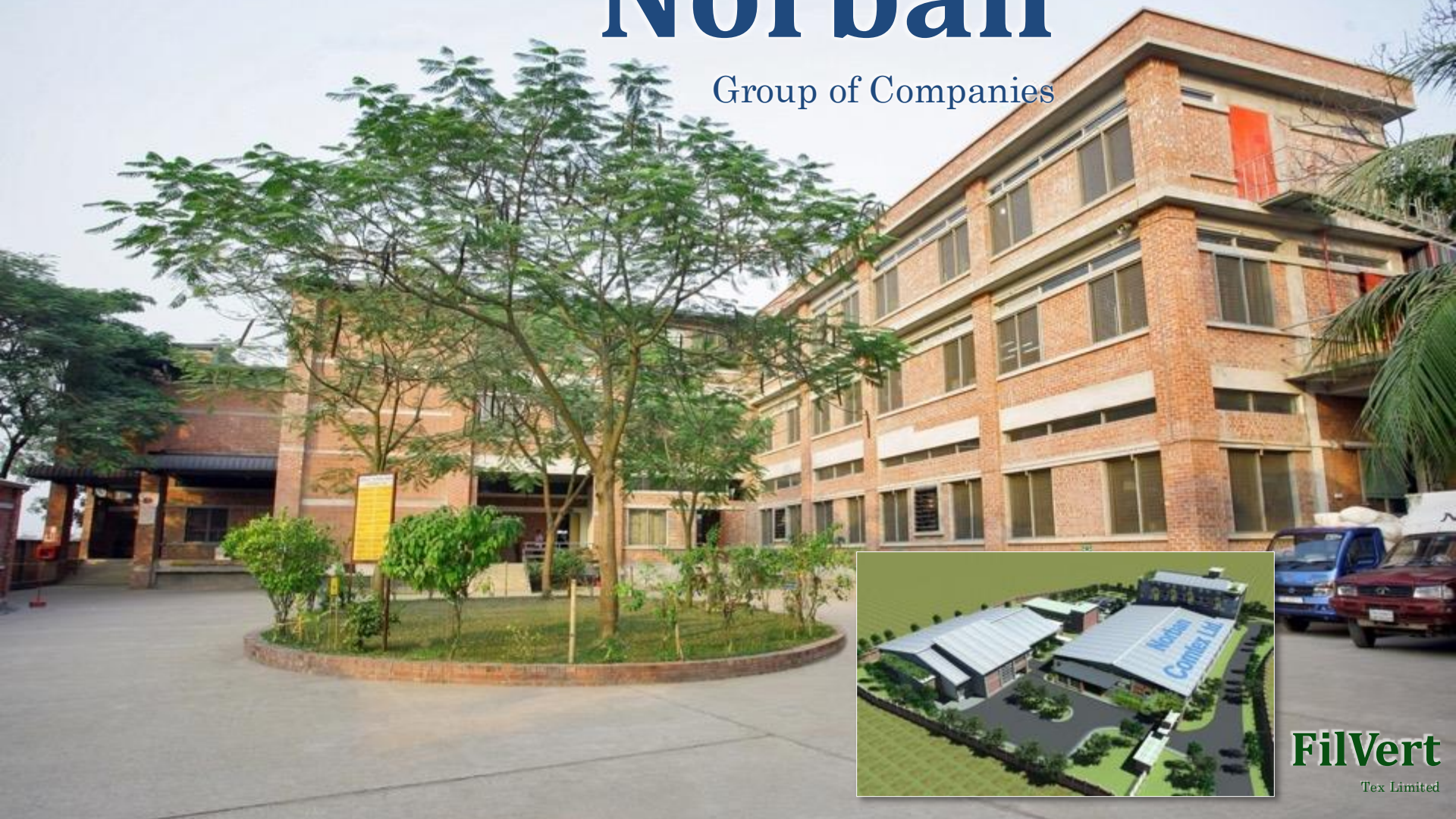


# Norban

Group of Companies



**FilVert**  
Tex Limited

***Norban Group:*** Corporate Head Office: House# 8/B, Road# 1, Gulshan-1, Dhaka-1212, Bangladesh.  
Tel: +88-02-8833413-24, Fax: +88-02-8833423, Email: [info@norbangroup.com](mailto:info@norbangroup.com), Web: [www.norbangroup.com](http://www.norbangroup.com).  
Norban Comtex Ltd. Factory Address: Mouza: Holding No 181, Block – A, Tetuibari, Kashimpur, Gazipur-1700, Bangladesh.  
Hornbill Apparel Ltd. Factory Address: S.A. Plot# 310, Baimail, Quasem Cotton Mills, Konabari, Gazipur-1346, Bangladesh  
FilVert Tex Ltd. Office Address: House# 8/B, Road# 1, Gulshan-1, Dhaka-1212, Bangladesh. [www.filverttex.com](http://www.filverttex.com)

# Norban: Preface

**Norban**, Founded back in 1990- is a model in many aspects in the knit textile industries in Bangladesh and enjoys a distinct reputation as a source of High Standard Garments, supplying to reputed brands in Europe and the USA with reliability and confidence. With a fully vertical integrated setup, we offer a comprehensive solution to the entire range of the knit garments manufacturing industry with state of the art machineries in Knitting, Fabrics Dyeing & Finishing, Yarn Dyeing, Lab and R&D, Embroidery and Printing. Because of the automation in lots of production stages, we have less number of workers and high production capacity.

**We** are equipped with high quality Dyeing machines made by BRAZZOLI-Italy which is with fully computerized Color Kitchen and Auto Dozing System to ensure **liquor ratio of as low as 1:4.5 / batch** to match our “**Go Green**” concept of less use of water and lesser effluents compare to other conventional machines. Garments production unit of Norban Comtex Ltd. has a highly dedicated and skilled workforce. It is equipped with various advanced production machines and specialized equipments including JUKI computer controlled stitching machines, as well as KANSAI. The cutting section is equipped with hi-tech automatic fabrics spreading and cutting machine, called KURIS from Germany. Fully supported by stand-by high capacity generators and ancillary equipments, all delivery schedules are strictly maintained irrespective of power failures and other impediments – which ultimately guarantee our product reliability in every stage of the production.

“**Safety first !!!**” is one of the principal mottos of Norban. In order to prevent accidents, the factory has so many preventive and precautionary measures which can be termed as an “*exceptional factory with safety measures*” in Bangladesh. The buildings are 3-4 storied which were purposely built with international safety standard for the workers. Its canteen and cafeteria with a clean and hygienic atmosphere has a catering facility to around 1,800 persons in shifts. It has a safe and hygienic workspace with over 150 cubic meter workspace for each person against the requirement of 9 cubic meters as per the ACoP (*Approved Codes Of Practice*) of the Labor Law.

**It** is a green and environment friendly project with a *Green Belt* of trees and plantations all around the project and every effort is made to ensure minimum use of carbon emitting lights and inputs. All the machines and equipments selected for the project are designed to save huge amount of gas/energy consumption compared to other conventional machines which consume more gas and corresponding energy time.

**A** competent merchandising team is working in three departments of Women’s wear, Mens wear & Children wear. **Our own FASHION DESIGNERS are supporting Buyers all necessary design supports and also offering our own designs.** The sample section has earned quite a bit of reputation for their skill and performance from our customers. Its quality assurance department has a strong technically sound and efficient team of quality controllers who work tirelessly with instant monitoring system to control and supervise production and quality of the orders of our buyers up to their entire satisfaction.

# : Sustainability & Credential Certificates :



Zero Discharge of  
Hazardous Chemicals



Bangladesh-German Chamber  
of Commerce & Industry



COTTON MADE IN AFRICA





## Our Customers

C&A

Jack Wills  
EST. GREAT BRITAIN  
HOUSE OF FRASER  
SINCE 1849

 **cisalfa**<sup>SPORT</sup>

Nakata   
QUALITY BRAND OF CONFIDENCE

Peek & Cloppenburg

next

  
**ellesse**<sup>®</sup>

HEART   
MARKET

s.Oliver<sup>®</sup>

Reebok  


FILA

 ADLER

  
Carrefour

CHARLES  
TYRWHITT  
  
JERMYN STREET  
LONDON

 **DUKE**  
the essence of great fashion

**METRO**  
Cash & Carry

SALT & PEPPER  
JEANS Co.

FashionUK  
CREATE INNOVATE ELEVATE

arena<sup>®</sup> 


 Target

  
BESTSELLER<sup>®</sup>

DEBENHAMS  
BRITAIN'S FAVOURITE DEPARTMENT STORE

  
Canada Sportswear

MYER

engbers 

## Area of Manufacturing:

Men's wear

Ladies wear

Children wear

## Type of Garments:

- T-shirt
- Polo shirt
- Sweat Jacket
- Tank Top/ Singlet/ Vest
- Men's Underwear
- Nightwear/Pajama Set
- Leggings
- Others on specific demand

## Norban Comtex Ltd.

### Floor Area

Dye House	153,781	SFT
Laboratory	6,029	SFT
Knitting Floor	60,000	SFT
Cutting Floor	29,279	SFT
Sewing-Finishing Floor	87,275	SFT
Warehouse	105,737	SFT
Printing Floor	24,824	SFT
Embroidery	11,000	SFT
Sample & CAD Floor	6,000	SFT
Dining, Canteen, Kitchen	90,000	SFT
ETP, WTP	27,947	SFT
Day Care, Medical Center	4,520	SFT
Office Area	20,000	SFT

**Total: 6,26,392 SFT**

## Hornbill Apparel Ltd.

### Floor Area

Knitting Floor	4,346	SFT
Cutting & CAD Floor	9,720	SFT
Sewing Floor (9720x2)	19,440	SFT
Finishing Floor	9,720	SFT
Sample Floor	2,700	SFT
Warehouse	2,700	SFT
Dining, Canteen, Kitchen	2,700	SFT
Day Care, Medical Center	350	SFT
Office Area	2,700	SFT

**Total: 54,376 SFT**

# Fabrics Dyeing Division: Capacity 30,000 Kgs per Day

Our Dyeing Division is equipped with custom designed state of the art dyeing machines of BRAZZOLI & DANITECH Italy, with fully computerized *Color Kitchen* and *Auto Dosing System* - which is recognized globally as the leader in making high quality fabrics dyeing. Using renowned dye-stuffs and chemicals, it ensures liquor ratio as low as 1:4.5 / batch, to match our “*Save Water*” concept of less use of water and lesser effluents.



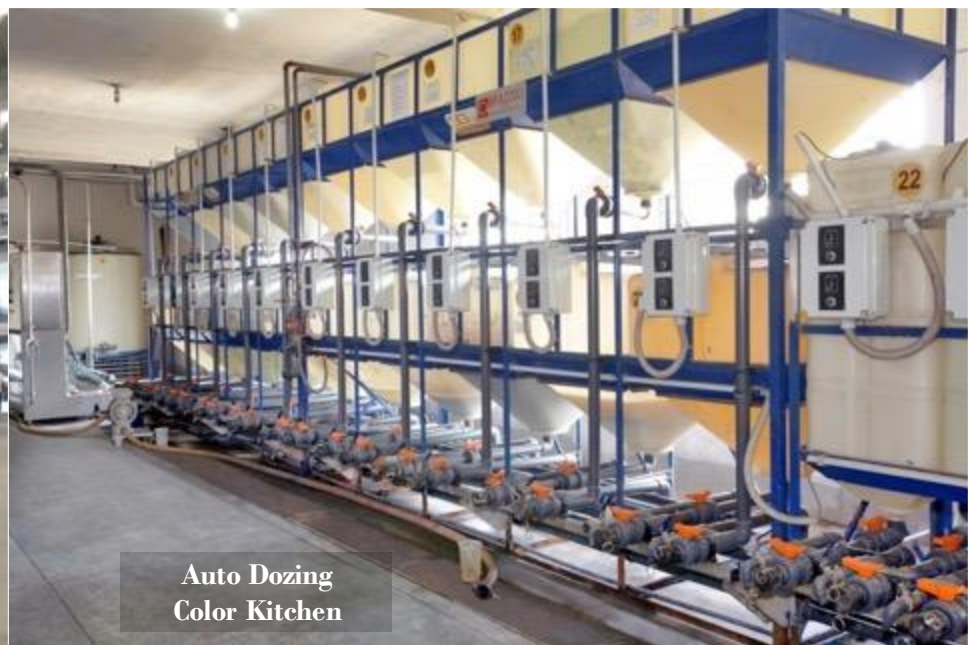
**BRAZZOLI**  
Dyeing machines of Italy

# Fabrics Dyeing Machineries Details:

Specification	Capacity	Unit	Brand	Origin
Bulk Dye Bath: Daniflow DF HT 6	1500 Kgs	04 unit	Danitech	Italy
Bulk Dye Bath: Innoflow HT4 XC2	1000 Kgs	01 Unit	Brazzoli	Italy
Bulk Dye Bath: Innoflow HT3 XC2	750 Kgs	02 Unit	Brazzoli	Italy
Bulk Dye Bath: Innoflow HT2 XC2	500 Kgs	03 Unit	Brazzoli	Italy
Bulk Dye Bath: Innoflow HT1 XC2	250 Kgs	01 Unit	Brazzoli	Italy
Bulk Dye Bath: Dynamica EF- 1XJ HT	200 Kgs	02 Unit	MCS	Italy
Bulk Dye Bath: Innoecology HT1 XC1	200 Kgs	01 Unit	Brazzoli	Italy
Sample Dye Bath: Overflow MOD HT-50/ MBC-50	50 Kgs	02 Unit	Brazzoli	Italy
Sample Dye Bath: Aquarius Dyeing Machine	50 Kgs	01 Unit	Brazzoli	Italy
Sample Dye Bath: Aquarius Dyeing Machine	25 Kgs	01 Unit	Brazzoli	Italy
Sample Dye Bath: Overflow Dyeing MOD RCL-25/ MBC-25	25 Kgs	02 Unit	Brazzoli	Italy
Turning: Fabric Reversing Machine	22000 Kg	02 Unit	Beneks/Others	Turkey/Bangladesh
Computerized Color Kitchen & Auto Dozing System:			3GDOS/3G DIS	Italy
Dyestuff check and weighting system, Dissolving system, Chemical reserving and auto dispensing.				



# Dye House at a Glance...



Auto Dozing  
Color Kitchen



Compacting Machine:  
Ferraro from Italy





# Yarn Dyeing Division: Capacity: 3,500 Kgs per day



# Yarn Dyeing Machineries Details:

YARN DYEING SECTION	Capacity	Unit	Brand	Origin
Yarn/Cone dyeing machine, Model: AR-RBNV 1700/1965	650 kg	01 Unit	BELLINI(ALVE)	Italy
Yarn/Cone dyeing machine, Model: AR-RBNV 1280/1965	395 kg	01 Unit	BELLINI(ALVE)	Italy
Yarn/Cone dyeing machine, Model: AR-RBNV 850/1965	135 kg	01 Unit	BELLINI(ALVE)	Italy
Yarn/Cone dyeing machine, Model: AR-RBNV 210/680	16 kg	01 Unit	ALVE	Italy
Soft Re-coning 60 heads with Intel-wind Model: BR-RW-6-60-P2-P60	168 kg	03 Unit	CORGHI(ALVE)	Italy
Hard Re-coning 60 Heads Re winder Model: BR-RW-6-60-Z2-P60	120 kg	02 Unit	CORGHI(ALVE)	Italy
Overhead mono Beam Crane of 3.2 tons. Type: EMR x EKP	3,200 Kg	01 Unit	Ascom	Italy
Y/D lab Infra-red laboratory machine, Model : IRD/12		01 Unit	Bellini	Italy
Y/D Finishing Hydro-extractor, Model: HC.1200/72	72 Kg	01 Unit	ALVE	Italy
Y/D Finishing Turbo semi-Rapid dryer, Model: CDR 490	490 kg	01 Unit	ALVE	Italy



# Fabrics Finishing Section: Capacity: 35,500 kgs per day

The Finishing Dept is equipped with latest ICOMATEX & UNITECH Stenter, FERRARO Compacter, SANTEX Dryer, BIANCO Squeezer, CORINO Super Slitting, BENEKS Edge Sewing Machine supported by all ancillary equipments. It is run by trained technicians and supervised by experienced Managers to ensure on-time delivery of best quality finished fabric as per customers' requirements.



ICOMATEX  
Stenter machine of Spain



# :Fabrics Sueding/Peaching & Brushing Section:



Mario Crosta  
Sueding machine from Italy



Mario Crosta  
Raising machine from Italy

# Fabrics Finishing Machineries Details:

Machine Nr.	Specification	Brand/ Origin
Stenter- 01 Unit	Flat Stenter IC-10 of 8 Chamber for Drying and Heat setting	Icomatex, Spain
Stenter- 01 Unit	Flat Stenter IC-10 of 8 Chamber for Drying and Heat setting	Unitech, Italy
Dryer- 01 Unit	Santex Dryer Type, 5 Chamber	Santex, Switzerland
Compector- 01 Unit	Revolution 2500 with 9.7 M Tender/Equalizer Model E-2500	Ferraro, Italy
Compector- 02 Unit	Decatizing Calender /Compacting Machine, Model CUD/FV 1500, Working width 1.35 M (Tubular)	Ferraro, Italy
High speed Brush Sueding Machine 01 Unit	Model: Lisa 4 Knit Plus(open width and tubular processing)	Mario Crosta, Italy
High speed Double Drum Raising machine- 02 Unit	Model MC20/24 GF knit open tube (open width and tubular processing)	Mario Crosta, Italy
Slitting- 01 Unit	Superslit Slitting Line 2400 MM	Corino, Italy
Squeezer- 01 Unit	Tubular Spreading and double ballooning with double stretcher	Bianco, Italy
Back Sewing- 01 Unit	Edge Sewing Machine	Beneks, Turkey
Tumble Dryer- 06 Unit	GDP-150 Drying Machine	Guangzhou Panyu
Hydro Extract -02 Unit	KZ- 125 Kg Dewater Machine	Guangzhou Panyu
Inspection Machine- 01 Unit	Tensionless Inspection machine with metering system	Hsing Cheng

# FULLY EQUIPED LABORATORY





# Laboratory, R&D, Common Dyeing Kit

**It is equipped with computerized color matching system from Switzerland, laboratory testing system from Germany and United Kingdom. Details are stated below : Color Testing Lab**

<b>Machine Nr.</b>	<b>Area</b>	<b>Specification</b>	<b>Brand / Origin</b>
Spectrophotometer- 01	Color Lab	Datacolor, Model 800	U.S.A
Robot Doser	Color Lab	RD-80	Rapid, China
PH Meter- 01	Color Lab	Digital PH/Temp Meter, Type HI1130	Hanna, Romania
Light Box- 01	Color Lab	Color Matching Cabinet, Type CAC 120-5	Verivide, UK
Lab Dyeing- 02	Color Lab	Smart Dyer, Model SD16	Rapid, China
Lab Dyeing- 03	Color Lab	Smart Dyer, Model ECO24	Rapid, China
Lab Dyeing- 01	Color Lab	Smart Dyer, Model IR	Alvi, Italy
Mini Dryer- 02	Color Lab	Mini Dryer Machine, Model R-1	Rapid, China
Electronic Balance- 01	Color Lab	Model CAS-BD-11	CAS, Korea
Padder-01	Color Lab	Padding Machine, Model PA1	Rapid, China
Squeezer-01	Color Lab	Squeezing Machine, Model TS1	Rapid, China
Shaker Bath-01	Color Lab	Model L-12	Rapid, China



# Laboratory, R&D, Common Dyeing Kit

It is equipped with computerized color matching system from Switzerland, laboratory testing system from Germany and United Kingdom. Details are stated below : Physical Testing Lab

Machine Nr.	Area	Specification	Brand / Origin
GSM Cutter-01	Physical Testing Lab	GSM/Fabrics weight tester,Z01B, WENZHOUE FANGYUAN	China
Rotawash-01	Physical Testing Lab	Color Fastness Tester, Type M 228 B	SDL-Atlas, England
Gyrowash-01	Physical Testing Lab	Color Fastness Tester, 1615 -20	James Heal, UK
Oven Dryer/Incubator-01	Physical Testing Lab	Dry the specimen, 918E003/A1-A2	SDL-Atlas, England
Perspirometer-04	Physical Testing Lab	CF to Perspiration test ,Perspirometer, Type M231, 8312	SDL-Atlas, England, James Heal, UK
Crock meter/ Crockmaster-02	Physical Testing Lab	Crock meter/Rubbing Fastness Tester, Type M238AA & 680 MD	SDL-Atlas, England & James Heal, UK
Electrolux Washing Machine-03	Physical Testing Lab	Appearance after wash, Dimensional Stability * Spirality test, Wascator FOM 71 CLS	SDL- Atlas (Electrolux), England & James Heal, Sweden.
Siemens Washing Machine-02	Physical Testing Lab	Appearance after wash, Dimensional Stability * Spirality test, iQ 300, SIEMENS	Germany
BOSCH Washing Machine-02	Physical Testing Lab	Appearance after wash, Dimensional Stability * Spirality test ,WIM64, BOSCH	Turkey
Quick Wash Plus-01	Physical Testing Lab	Fabric testing system, Model EC300, Type M222QW	SDL-Atlas, England
Siemens Tumble Dryer-02	Physical Testing Lab	Dry Specimen, iQ 100, SIEMENS	Germany
BOSCH Tumble Dryer-02	Physical Testing Lab	Dry Specimen, WDT2, BOSCH	Poland
Electrolux Tumble Dryer-02	Physical Testing Lab	Dry Specimen, TD6-7, Electrolux	Sweden
ICI Pilling Tester-01	Physical Testing Lab	ICI Pilling Tester, Type 227A	SDL-Atlas, England
Midi-Martindale-01	Physical Testing Lab	For fabrics Surface pilling, fuzzing test,1605	James Heal, UK
pH Meter-01	Physical Testing Lab	Check fabrics & Garments pH, BP3001 ,TRANS Instrument	Singapore
Digital Balance-02	Physical Testing Lab	weight Chemical & specimen, GMB303,EK6000B,	Germany, Dubai U.A.E
Grade 3 Water Plant-01	Physical Testing Lab	Water Use For testing ,Water Tech	Bangladesh
Truburst 4	Physical Testing Lab	To check the Fabrics strength quality, 1440	James Heal, UK
STULZ-01	Physical Testing Lab	To Control Humidity & Temperature ,	Germany

# Knitting Department : Solid & Auto Stripe (Engineered), Capacity: 26,500 kgs per day (76 Knitting Machines)

Our Knitting Dept is well equipped with the latest model of “Pailung” auto stripe machines with 6 color facility and “Lisky” circular & flat knitting machines with all necessary equipments to produce all kinds of circular knitted fabric in Light & Heavy Jersey (Single Jersey & Double Jersey), Pique, Rib, Interlock, Felpa, Sweat fabric, with Spandex attachment facility in different dia, gauges & weights.



# Knitting Machineries Details:

Machine Profile (Circular knitting)				
Machine Specification	Unit	Capacity/Day	Brand	Origin
34x24,18,28GG Auto Stripe S/Jersey, Pique	3 Sets	450 Kg	PAILUNG	TAIWAN
30x24,18, Auto Stripe S/Jersey, Pique	3 Sets	450 Kg	HANG XING	CHINA
42x18,14,24,28GG (1x1 Rib, 2x1 Rib, Interlock, Other Structure Design Etc.)	17 Sets	5950 Kg	LISKY	TAIWAN
36x24GG S/ Single Jersey, Pique etc.	10 Sets	4000 Kg	HANG XING	CHINA
36x18,20,24,28 S/Jersey, Fleece, H /Jersey	17 Sets	6800 Kg	LISKY	TAIWAN
30x24,20, S/Jersey, Fleece, H/Jersey	6 Sets	1800 Kg	LISKY	TAIWAN
36x20, Fleece, H/Jersey	20 Sets	7000 Kg	LISKY	TAIWAN
<b>TOTAL</b>	<b>76 Sets</b>	<b>26450 Kg</b>		
Machine Profile (Flat Bed knitting)				
Machine Specification	Unit	Capacity/Day	Brand	Origin
Flat Bed Collar/Cuff-72 Inch,14G,M728D	4 Sets	3200 Pcs	LISKY	TAIWAN
Flat Bed Collar/Cuff-60 Inch,14G,M728D	10 Sets	9000 Pcs	LISKY	TAIWAN
Flat Bed Collar/Cuff-40 Inch, Model M/100	12 Sets	6000 Pcs	MATSUYA	JAPAN
<b>TOTAL</b>	<b>26 Sets</b>	<b>18200 Pcs</b>		

*Note: All Machines are with Lycra attaching facility.*

# Knitting Machineries Details:

Machine Profile(Drawstring knitting)				
Machine Specification	Unit	Capacity	Brand	Origin
Drawstring 16 spendle	8 Sets	44000 Yards	PT	Chaina
Drawstring 32 Spendle	4 Sets	10800 Yards	PT	China
Drawstring 48 Spendle	4 Sets	10400 Yards	PT	China
Tipping Auto	2 Sets	50000 Yards	PT	China
Tipping Manual	1 Sets	12000 Yards	PT	China
Metal Tipping Manual	2 Sets	12000 Yards	PT	China
Twill Tape 4.5 Cm	2 Sets	32000 Yards	KY	China
Warping	1 Sets	0	PT	China
Boobin	4 Sets	0	PT	China
Gum Tape	1 Sets	900 Pcs	PT	China
TOTAL	29 Sets	172100 Yards		

*Note: All Machines are with Lycra attaching facility.*



# Kind of Circular Knit Fabrics we produce Regularly:

## Type of fabric :

- Single Jersey (Light & Heavy )
- 1 x 1 Rib
- 2 x 1 Rib
- 2 x 2 Rib
- French Rib (Flat back)
- Drop Needle Rib
- Sweat Fabric
- Interlock
- Pique
- Flat Knit (Collar & Cuff)
- Fleece (Brushed & Un-Brushed)
- Each type of fabric is also available with Elastane
- Continuous R&D on new fabrics

## Type of Regular used yarn :

- 100% Combed Cotton
- 100% Bio/Organic Cotton
- 60x2 Pima/Supima Cotton
- 60x2 Gas Yarn
- 50x2 Gas Yarn
- 40x1 Combed Cotton
- 40/2 Siro Yarn
- 44/2 Siro Yarn
- 30x1 Compact Cotton
- 30x1 Regular Cotton
- 26x1 Combed Cotton
- 24x1 Combed Cotton
- 20x1 Combed Cotton
- 50% Modal/ 50% Cotton
- Organic Cotton (Bio Cotton)
- CVC
- 100% Viscose
- Cotton with Lycra
- Varieties of Mélange

# Garments Division : 73 Lines, 2076 Machines, Capacity : 128,000 pcs per day.

	Unit-1: Norban Comtex Ltd.	Unit-2: Hornbill Apparel Ltd.	=TOTAL=
Year of Establishment:	2008	1996	
Number of Sewing Line:	61 Lines	12 Lines	73 Lines
Number of Workers (Entire Factory):	4,200 Person	715 Person	4915 Person
Avg. Machine per Sewing Line:	28 Machines	30 Machines	
Total Number of Sewing Machine:	1686 units	390 unites	2076 unites
Total Production Capacity per Day:	110,000 Pcs	18,000 Pcs	128,000 Pcs
Total Production Capacity per Month:	2,750,000 Pcs	450,000 Pcs	3,200,000 Pcs

TYPE OF MACHINES	MACHINE BRANDS	COUNTRY OF ORIGIN
<p><b><u>Sewing Machines:</u></b> SNLS (Plain M/C), DNLS, Over Lock, Flat Lock (Cylinder Bed), 3 Needle Flat Lock (KANSAI), Chain Stitch Machine etc.</p> <p><b><u>Sewing Machines:</u></b> Button Hole, Button Stitch, Button Ascolite Machine, Fusing Press Machine, Pneumatic Snap Fixing Machine, Thread Re-Coning Machine, Needle Detector, Spotting Machine, Steam Iron, Vacuum Ironing Table, Thread Suction Machine etc.</p>	JUKI, BROTHER, KANSAI, YAMATO, NAGAISHING, MMS, HASHIMA, KM, NISHO, OSHIMA, etc.	All Machines are from <b>JAPAN</b>


# FilVert Tex Limited


Global Apparel Sourcing, Simplified.

## ABOUT US


**FilVert Tex Limited**, part of the Norban Group, brings over three decades of expertise in apparel sourcing and manufacturing. We specialize both in knitwear and woven products for men, women, and children. We manage the entire supply chain—from design and development, sampling and approvals, through production to on-time delivery—ensuring uncompromised quality.

## OUR STRENGTHS


 **Expert On-The-Ground Team** – Our greatest strength is our highly experienced team of merchandisers, designers, quality assurance, and compliance professionals.


 **Seamless Communication & Transparency** – We are professionals with a problem-solving mindset, serving as your single point of contact with clear, consistent, and proactive communication.

 **End-to-End Solutions** – We ensure complete solutions from design, product development and sampling to production and shipment.

 **Quality is Engineered** – Our quality control is integrated into every step. From pre-production meetings and in-line inspections to final random audits, we ensure every stage meets your standards.

 **Ethical & Sustainable Compliance** – We partner exclusively with factories that meet international social compliance (e.g., BSCI, SEDEX, WRAP) and environmental standards, ensuring your brand reputation is protected.

 **On-Time Delivery** – Reliable delivery is our promise. We meticulously plan and monitor production schedules and supply chain management, while proactively managing risks to ensure your deadlines are met, every time.


 **Extensive Sourcing Network** – Our supervised network of over 25 high-standard factories ensures we can meet your demands for capacity, complexity, and on-time delivery.

## Why Partner with FilVert Tex Limited ?

- Over 35 years of global apparel sourcing expertise.
- Competitive pricing with uncompromised quality.
- Quick Sample development.
- Trusted by leading global retailers and brands.
- Flexible for both small and large-scale orders.

## OUR COMMITMENT

Beyond sourcing garments — we deliver confidence. Your trust is built on our dedication to consistent quality, transparent communication, and flawless execution—with every single order.

 **Head Office:** House 8/B, Road 1, Gulshan – 1, Dhaka - 1212, Bangladesh

 [www.filverttex.com](http://www.filverttex.com)

 [www.norbangroup.com](http://www.norbangroup.com)

 [contact@filverttex.com](mailto:contact@filverttex.com)

 [shafiq@filverttex.com](mailto:shafiq@filverttex.com)

 +8801755511850 



*Your Vision, Our Expertise, Perfectly Sourced.*



**Garments Division : 73 Lines, 2076 Machines,  
Capacity : 128,000 pcs per day.**





# GARMENTS PACKING SECTION





# Cutting Department equipped with Auto Spreading & Auto Cutting Machine

Equipped with state of the art automatic spreading and CNC technology cutting machine made by KURIS-Germany, the world leader in this field, which guarantees precise and accurate cutting of fabric as per designs fed by CAD system. The KURIS technology setup is supported by trained technicians and supervised by highly trained Managers.

Machine	Specification	Brand	Origin
Auto Cutter- 02 Unit	Automatic Fabric Cutting Machine with clearing Belt	KURIS	Germany
Spreader- 06 Units	Automatic Fabric Spreading Machine with Spreading Processor	KURIS	Germany



Auto Spreader from Germany

# Pattern/Fitting Section equipped with AUTO CAD

Items	Specification	Origin
Auto CAD Software	Developed by: OPTITEX	U.S.A.
Plotter- 3 Unites	Brand: Ioline & Technology	U.S.A. & U.K.
Digitizer – 1 Unit	Assyst Bullmer	U.K.
Fit Stand- 5 Unit (Ladies, Men's and Kids)	ALVALON	Hong Kong



Auto Digitizer from U.K.



Plotter from U.K.



ALVALON Fit Stand from Hong Kong



## : Our Safety Measures :





# : DAYCARE, MEDICAL CENTER & ENVIRONMENT :





# : PRINTING UNIT : Capacity: 90,000 Pcs Per day



Machine Nr.	Specificati on	Brand	Origin
Octopus Printing Machine: Upto 7 Color Print	5 Unites	MHM	AUSTRIA
Oval Printing Machine: Upto 16 Color Print	2 Unites	CHL	CHINA
Label Printing Machine	6 Unites	ASPE	U.S.A.
Belt Curing Machine	4 Unites	JUPITER	CHINA
Auto Expose Machine	2 Unites	JUPITER	CHINA
Color Mixing Machine	2 Unites	KENENG	CHINA
Mash Tension	1 Unites	JUPITER	CHINA
Frame Dryer.	1 Unites	JUPITER	CHINA
Heat Press	6 Unites	SCS	CHINA
Hand Dryer	10 Unites	BOSCH	ROMANIA
Auto Dryer	5 Unites		
Sublimation	1 Unites	MIMAKI	JAPAN



**MHM: Multi-color printing machine from Austria**

# : EMBROIDERY UNIT :

Machine Description	Brand	Unit	Origin
22 head universal portal Continuous borders & 4 color sequin attachment	ZSK	2 Unites	Germany
20 Head Embroidery Machine	TANG	10 Unites	China
06 head universal portal Continuous borders & 4 color sequin attachment ( SAMPLE )	ZSK	1 Unites	Germany





# Effluent Treatment Plant (ETP) : 100 M3/hour capacity

- Highly efficient sustainable Anaerobic-Aerobic effluent treatment Plant (AAETP) with 100 m3/hour capacity installed by Aquatech' Engineers Ltd. Bangladesh. The most attractive feature of Anaerobic biological treatment of textile effluents is the de-colorizations of many dyes under the reducing conditions present in an anaerobic reactor. A second major advantage is its ability to treat waste streams with high organic loads. It also reduces energy, Chemical consumption and reduces excess sludge production.



Machine No.	Specification	Capacity
ETP	Biological Plant with Anaerobic aerobic Process.	100 m3/h
Condense recovering and pressure reducing System	Central Condense recovery, high pressure Safety for steam flow	8.7 Bong. G
Cooling Tower	Induced Draft Counter Flow Cooling Tower	250 RT
Spraying Unit	Weko Spraying Units Complete with all Fittings	
Exhaust Fan	Model: DJF - 125, 68 Pcs	44000M3/h
Filter press	Hydraulic chamber type filter press for Sludge Dewatering  Model:XMY100 /1000	1050/L



# : Utilities List :

Machine No.	Specification	Capacity	Brand	Origin
Gas Generator- 03 Unit	Model- J 320, 400V, 50HZ, 1500 RPM & Model- J 420, 400V, 50HZ, 1500 RPM	1064 KW &1350 KW	GE Jenbacher	Austria
Diesel Generator- 03 Unit	Model- C550D5, RPM-1500, 400V, 50 HZ & Model- C250D5, RPM-1500, 400V, 50 HZ	550 KVA & 250 KVA	Cummins Power Generation	Singapore
Generator Cooling Tower pump - 04 unit		88 Kw	Sigma	
Generator Cooling Tower Fan - 02 Unit				
Generator Cooling Tower - 02 Unit	Induced Draft Counter Flow Cooling Tower	350 RT & 250 RT	BKK	Thailand
Boiler- 02 Unit	Fire tube, working pressure- 10 Kg/Cm2 & Fire tube, working pressure- 10 Kg/Cm2	6000 Kg/h & 8000 Kg/h	Daelim Royal Boiler	Korea
Waste Heat Recovery Boiler (EGB)No-02	Smoke Tube, working pressure- 10 Kg/Cm2	950 KG/h	Forbes Marshall	India
Air Compressor- 07 Unit	Screw Air Compressor, Model- E-45 with 45KW motor- 02 Unit/ Screw Air Compressor, Model- E-55 with 55KW motor- 02 Unit/ Screw Air Compressor, Model- EG-75 with 75KW motor- 3 Unit.	6.31M3/Min-02 Unit, 8.21M3/Min, 9.20M3/Min, 12.74M3/Min -03 Unit.	ELGI	India
Air Dryer- 07 Unit	Screw Air Dryer, Model- ELRD 450 - ELDR 1750, Max Pressure- 16 Bar at 35 Deg, Screw Air Dryer, Model- ELRD 345 Max Pressure- 16 Bar at 35 Deg, Screw Air Dryer, Model- ELRD 500 Max Pressure- 16 Bar at 35 Deg- 02 Unit, Screw Air Dryer, Model- ELRD 600 Max Pressure- 16 Bar at 35 Deg- 03 Unit.	9.77M3/Min-01 Unit, 9.77M3/Min-01 Unit, 9.77M3/Min- 02 Unit, 9.77M3/Min- 03 Unit.	ELGI	India
Cooling tower makeup water pump - 02 Unit		1Kw & 1Kw	Sigma	
Wtp pump-02 Unit		15 Kw & 15 Kw	Sigma	
Deep pump - 06 Unit		22 KW, 37 KW, 4KW, 2.2KW, 2.2KW, 2.2KW.	Sigma, MSP.	Turkey
Water Pump - 1 (Garments Drinking water) & Water Pump - 2 (Garments Toilet water)		2.2KW & 2.2KW	Gazi	
Hot SOFT water Boster pump- 02 Unit		15 KW & 15 KW	Sigma	
Cold soft water Boster pump - 04 Unit		15 KW, 15 KW, 15 KW, 16 KW	Sigma	
Fire Pump - 1 / Fire Jockey Pump - 1 / Fire Pump - 3(Diesel Engine).		75 KW / 2.2 Kw / 750GPM.	Simex / Ebit / Clarke	
Condense recovering and pressure reducing System 01 & 02	Central Condense recovery, high pressure Safety for steam flow	Maximum Operating Pressure 8.7bar.g	Spirax-Marshall & Forbes Marshall Pvt. Ltd.	India

# Contacts

**For Any Queries, Please Contact With...**

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## Conclusion

Norban Group is a socially responsible “Ready Made Garment” manufacturer. The safety and socio-ecological views and perspectives are incorporated in the operation procedures of the factory. The company has also compensation policy for accidents. *Safety First* is a motto of the company and, therefore, it has all the precautionary measures to ensure safety all around the factories. Addressing workers’ grievances in an appropriate and amicable manner is also a part of the company policy. The Welfare Officer and the Compliance Dept work diligently on it. In consideration of many positive perspectives from the socio-ecological point of views, Norban Group can be termed as a model for many RMG factories in Bangladesh.

Thank you.

***The End***