Factory:

## RAIYAN KNIT COMPOSITE LTD.

(A CONCERN OF NUR GROUP)





Corporate Profile



# **Nur Group**





**Garments** 



**Knitting** 



**Dyeing** 









# About us

Our company was established in 1994. Since then the company has expanded substantially with an increasing number of employees, presently with on annual turnover of 27 million USD. The company has grown since 1994 to become one of the largest group in the RMG sector of Bangladesh. This expansion towards the future has added stability to our business obligation, winning customers confidence in our product quality, reliability and competence. Our motto "Customer and Quality Above All" has kept our customer's requirements and expectations achieved.



## About us

#### THE MANAGING DIRECTOR



The Managing Director, Syed Nazmul Hassan, has been in this business since completing his MBA from USA in 1992 and is now currently successfully managing this composite T-shirt unit with a state of the art Dyeing, Printing and Accessories Unit. Along with the modern technology, the company employs a management team of highly capable, qualified and dynamic individuals in their own distinct fields. The team under the leadership of the managing director leave no stones unturned to achieve the common goal of satisfying the customers.

#### **OURBELIEF**

Quality is never an accident and is always the result of high intent, sincere effort, intelligent direction and skillful execution of our employee teams.

#### **OURMISSION**

Our mission is to become the market leader in satisfying our customers with the best quality knitted garments from Bangladesh to places around the globe.

#### **OURVISION**

To be an environment friendly organization with high social commitment.



## **Our Certificates**

- BSCI (Business Social Compliance Initiative ) 1.
- SEDEX (Supplier Ethical Data Exchange)
- 3. ISO-9001:2015 (Quality Management System)
- ISO-45001:2018 (Occupational Health & Safety Management System)
- ISO-14001:2015 (Environment Management System)
- GOTS & OCS Certified for Organic
- GRS (Global Recycled Standard)
- 8. RCS (Recycled Claim Standard)





















# **Our Certificates**

- 9. OEKO-TEX 100 Class 1 for Garments
- 10. OEKO-TEX 100 Class 1 for Fabric
- 11. OEKO-TEX 100 Class 1 for Print
- 12. OEKO-TEX 100 Class 1 for Sewing Thread
- 13. DETOX (Report for Wet Process)
- 14. HIGG INDEX (FEM & FSLM )-Platform
- 15. THE BHIVE-Platform
- 16. WRAP GOLD Certified
- 17. RSC (Approved on Fire, Electrical And Structural Assessment)













# **Our Customers**



























## **Dept. of Nur Group**

Our company was established in 1994. We have Specialized ourself on knit items like Polo Shirts, T-Shirts, Tank top, Bottom, Jogger, Legging,

Pajamas, Sportswear, Nightwear, Active wear, Underwear, Jacket, Skirt, Shorts etc.

Production Floor Area: 426,855 Sq. feet

Sewing Lines: 33 line, 1.5 million Garment Capacity per month.

Total Man power: 3035

- H.R , Admin & Compliance
- Marketing & Merchandising
- Design & Development
- Sample & CAD
- Laboratory
- R&D
- Industrial Engineering
- Fabrics
- Production
- Trims & Accessories
- Embellishment

- Finance & Accounts
- Procurement
- Commercial
- Utility & Maintenance
- Information Technology
- Fire & Safety
- Medical
- Child Care
- Show Room
- Yarn Dyeing (Sewing Thread)
- Store & Warehouse





# **Fabric Division**

# **Knitting Unit**

Our fabric unit has capability of manufacturing various kind of design fabrics. We produce Single jersey ,Terry, Fleece, Rib and Interlock and all kind of design fabrics possible in circular Knitting.

#### **Total Production Area:**

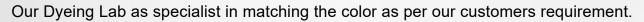
15617 Sq. Feet 6000 kg perday

SL	Machine name	Quantit	y Capacity	Origin
1	Single Jersey/Terry	1	5000 kg /day	Taiwan
2	Rib/Interlock	4	1000 kg /day	Taiwan
3	Fabric Inspection	6	6000 kg/day	Taiwan

We also produce various type of design jersey Fabric according to upcoming trend







### **Lab Facility**

Machine name	Quantity	Origin
CO- POWER CADS 1085+CAMS PA-90 Lab dispenser & solut	tion 1	UK
CO- POWER H Type Dyeing 24 Position	1	UK
STARLET IR Type Dyeing 24 Position	1	UK
CO- POWER PA-0 PAD Mangle	1	UK
CO- POWER Mini Dryer	1	UK
Data Color (SPEXTROPHOTOMETER)	1	USA

### **Textile Testing Equipment**

Machine name	Quantity	Origin
Wascator, Model FOM 71 CLS	1	UK
Ariston Standard Laboratory Tumble Dryer	1	UK
Orbittor pilling	1	UK
Gyro Wash (James & Heel)	1	UK
Perspiration Tester (James & Heel)	1	UK
Crock Master with digital color	1	UK
Microsol light Fastness Tester	1	UK
PH And Temperature Meter	1	Europe
Color Assessment Cabinet	1	UK
Standard Trubrust	1	UK
Startorious	1	Poland











# **Laboratory Unit**

### **Testing item & Standards**

- Fabric weight(GSM ).....ISO 3801
- Dimensional stability to wash.....ISO 6330
- Determination of spirality......ISO 16322-1
- Color fastness to wash.....ISO 105 C06 test A to E
- Color fastness to water.....ISO 105 E01
- Color fastness to rubbing (Dry & Wet)......ISO 105 X 12
- Color fastness to perspiration......ISO 105 E04
- Color fastness to saliva.....GB/T 18886
- Color fastness to light.....ISO 105 B02
- pH value of textile item.....ISO 3071
- Pilling resistance (ICI Pilling Box)......ISO 12945-1

- Yarn count......ASTM D 1059
- Water hardness test.....ASTM HI 3812
- Water iron test.....ASTM HI 3834
- Fiber analysis (Quantitative)......ISO 5088
- Phenolic yellowing.....ISO 105 X 18
- Durability wash of garments & print......In house method
- Purity percentage of Acetic Acid.....In house method
- Purity percentage of sodium hydroxide.....In house method
- Purity percentage of sodium carbonate.....In house method
- Purity percentage of hydrogen peroxide.....In house method
- Glauber /Sodium chloride /Common salt test.....In house method.

# **Laboratory Unit**

Our Dyeing Lab as specialist in matching the color as per our customers requirement.

## **ETP Testing Equipment**

Machine Name	Quantity	Origin
BOD Test Incubator	1	Italy
COD Test Machine	1	Italy
Microscope	1	Italy
DO Meter	1	Taiwan
TDS Meter	1	Poland
TSS Meter	1	Poland
Thermo Meter	1	Poland
Weight Balance	1	Poland
Jar Test	1	Italy









# **Dyeing Unit**

Dyeing unit, specializes in **REACTIVE**, **DISPERSE**, **ACID**, **NEON DYEING** 

**Total Production Area:** 66244 Sq. Feet 12000 kg per day

**Dyeing Machine** 

Machine Name	Quantity	Capacity	Origin
YANG JIA (High Temperature full automatic)	1	05 kg	China
FONGS (High Temperature full automatic)	1	25 kg	China
YANG JIA (High Temperature full automatic)	1	25 kg	China
DILMENLER (High Temperature full automatic )	1	30 KG	Turkey
DILMENLER (High Temperature full automatic )	1	50 kg	China
DILMENLER (High Temperature full automatic )	1	150 Kg	Turkey
FONGS (High Temperature full automatic)	1	150 Kg	China
TONG GENE (High Temperature full automatic)	1	300 Kg	Taiwan
FONGS (High Temperature full automatic)	1	300 Kg	China
DILMENLER (High Temperature full automatic)	1	450 Kg	Turkey
DILMERLER (High Temperature full automatic)	1	600 Kg	Turkey







# **Dyeing Unit**

Dyeing unit, specializes in **REACTIVE**, **DISPERSE**, **ACID**, **NEON DYEING** 

Total Production Area: 66244 Sq. Feet 12000 kg per day

#### **Dyeing Machine**

Machine Name	Quantity	Capacity	Origin
TONG GENE (Atmospheric full automatic)	1	900 kg	Taiwan
FONGS (Atmospheric full automatic)	1	900 kg	China
TONG GENE (Atmospheric full automatic)	1	1200 kg	Taiwan
DILMENLER (High Temperature full automatic)	1	1200 KG	Turkey
DILMENLER 09 Reversing Machine	3	25000 kg	Turkey/China







## **Fabric Finishing Unit**

**Production Capacity: 25000 Kg per day** 

#### **Tubular Line:**

Machine Name	Quantity	Capacity	Origin	
Tube Tex 2-Rollpro-pad Delta plus padding 48" Hydraulic Squeezing	1	8000 kg/24 H	USA	
ENTEMA Tension Relax Gas Dryer 02 Chamber Tube Tex 60" Pak Knit II Delta Plus SP folding	1	10000 kg/24 H	Turkey	
Compactor	1	8000 Kg/24 H	USA	

## **Open Width Line:**

Machine Name	Quantity	Capacity	Origin
DILMENLER Slitting Machine	1	12000 kg/24 H	Turkey
BIANCO Slitting Machine	1	12000 kg/24 H	Italy
DILMENLER 08 Chamber Stenter Machine	1	10000 kg/24 H	Turkey
DILMENLER 08 Chamber Stenter Machine	1	10000 Kg/24 H	Turkey
DILMENLER Open Width Compacting Machine	1	8000 kg/24H	Turkey
Lafer Open Width Compacting Machine	1	8000 kg/24H	Italy
Lafer ONE X Ultrasoft-L Sue ding	1	8000 Kg/24 H	Italy



## All Over Printing Unit

All over printing facility is one of the newest ventures Supported by modern Machinery and a management of highly capable, qualified and experienced individuals in all the relevant fields.

#### Our facility:

- 1. Pigment, 2. Burnout,
- 3. Glitter, 4. Discharge,
- 5. Disperse.

Machine Name	Quantity	Capacity	Origin
Rotary printing Machine-3 Chamber (STROK RD-IV-1850 DD3/20/12)	1	4 ton/day	Holland
Loop Steamer (ARTOS) 1 burner gas heated, M/C dia 72"	1	9 ton/day	Germany
Polymizer (electric heat controlled temp.)dia 78"	1		Pakistan
Climatizer (temp. control with thermostat)dia 78"	1		Pakistan
Exposing Machine	1		Pakistan







**Production Capacity:** 800 kg per day

## **Yarn Dyeing Machine**

Machine Name	Quantity	Capacity	Origin
CHANGLI	1	10 kg	China
CHANG LI	1	20 kg	China
WB	1	05 kg	China
WB	1	50 Kg	China
CHANG LI HYDRO EXTRATOR	2	1400 kg	China









## **Garments Washing Unit**

**Production Capacity: 10000 Pcs per day** 

## **Washing Machine**

Machine Name	Quantity	Capacity	Origin
Tumble Dryer Machine	3	1200 kg/24 H	China
Hydro ExtractorM achine	2	1400 kg/24 H	China
Washing Machine	2	2400 kg/24 H	China











### **Screen Printing Unit**

Our printing unit is fully export oriented. The first and foremost policy of this factory is to satisfy our customers fully. To fulfill buyers requirements and to deliver on time, we have an experienced printing team with a strong quality department to ensure 100% excellent quality. A well-organized sampling department also works behind the scene to give a fast and accurate sample delivery within the minimum time.

We specializes in,

Rubber print, Flock print, Foil print, Discharge print, Caviar print, High-density & Puff print, Glitter & Metallic print, Gelprint, Heat transfer print, Pigment print, Plastisolprint, Process print, Crack print, Devosprint, Embused Print.

Machine Name	Quantity	Capacity	Origin
Circular printing-Octopus (Waltz Flash Evolution)	1	5000 pcs/day	Germany
Textile Glassprint table with auto dryer	15	25000 pcs/day	China
Manual Back neck print	1	5000 pcs/day	China
Heat Press	6	15000 pcs/day	China
Bale curing	1	50000 pcs/day	China
Automatic Vacuum exposure	1		China
Screen Dyeing Oven	1		China
Mash Stitching Machine	1		China







## Trims & Accessories Unit

**Production Capacity:** per day

Machine Name	Quantity	Capacity	Origin
Elastic Machine	2	1800 Yards	China
Elastic Machine	1	1000 Yards	Taiwan
Twiltape Machine	3	7500 Yards	China
Weaving (Beam ) Machine	1		China
Label Making Machine	2	60000 Pcs	China
Label Cutter Machine	1	50000 Pcs	China









# **Garments Unit**

Our company was established in 1994. We are specialist for knit and woven products. As like Polo shirts, T-shirts, Jogger, Bottom, Legging, Sweat shirt, Sweat dress, Jacket, Active wear, Nightwear, Dress, bodysuit, romper

Production Floor Area : 426,855 Sq. Feet.

Production Line : 33 Lines
Manpower : 3035

Description	Quantity
Single Needle lock stitch machine	418
Multi Needle chain stitch machine	4
4 thread overlock	344
Rib cutting Machine	8
Flat lock (Flat bed, Cylinder bed, Compress)	210
Feed Of the arm	2
Button hole (Auto)	8
Cover stitch Machine	2
2 needle chain stitch Machine	2
Picoting Machine	4
Snap button (Hydraulic)	4
Snap button ( Manual)	4
Button stitch(Auto)	8
Button stitch(Manual)	2
Bar tack Machine	6
Zigzag Machine	7
Lace attach Machine	4
2 needle lock stitch Machine	5
FD Machine (Flat Seam)	8





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Machine Name	Quantity
Auto Nesting 8 core (GEMINI-VX9,VX20) TKT	4
Plotter 220 Ultra wide printer	2
Auto Pattern Cutter	1
Auto Cutter Machine	1
Band Knife Machine	1
Auto Spreader Machine	6
Fusing Machine	1
Vacuum table	73
Steam Iron	73
Thread Re-conning (6 head)	9
Needle detector	2
Rib cutting machine	1
Fabric cutting machine	12
Fabric end cutter	2
Number of sticker machine	33
Thread sucking Machine	4
Dust removing machine	2





# **ETP Plant**

We are running a 100% Biological ETP. Imported from SIMEM Italy. Our current water treatment capacity is 120 m3 per hour .

	<u>~</u>		
SL	Type of Machine	Manufacturer	Country
1	Screen	SIMEM	Italy
2	Pumps	Xylem/Sulzer ABS	U.S.A/ Swis
3	Mixers	Xylem/Sulzer ABS	U.S.A/ Swis
4	Blower	Robuschi/Mapro/Aerzen/Kaeser/ Atlas Copco	Italy
5	Cooling tower	SIMEM	Italy
6	Control panel	SIMEM	Italy
7	Sludge dewatering	SIMEM	China
8	Flow Meter	E+	Germany







#### **MENS**

T-Shirt

Polo Shirt

Jogger/Bottom

Sweat Shirt

Jacket

Active wear.

Nightwear

Performer Tee

## LADIES

T-Shirt

Polo Shirt

Legging/ Jogger/ Bottom

Sweat Shirt/ Dress

Jacket

Active wear.

Nightwear

Dress.

Performer Tee

#### KIDS

T-Shirt

Polo Shirt

Legging/ Jogger/ Bottom

Sweat Shirt/ Dress

Jacket

Active wear.

Nightw ear

Dress.

Bodysuit

Romper



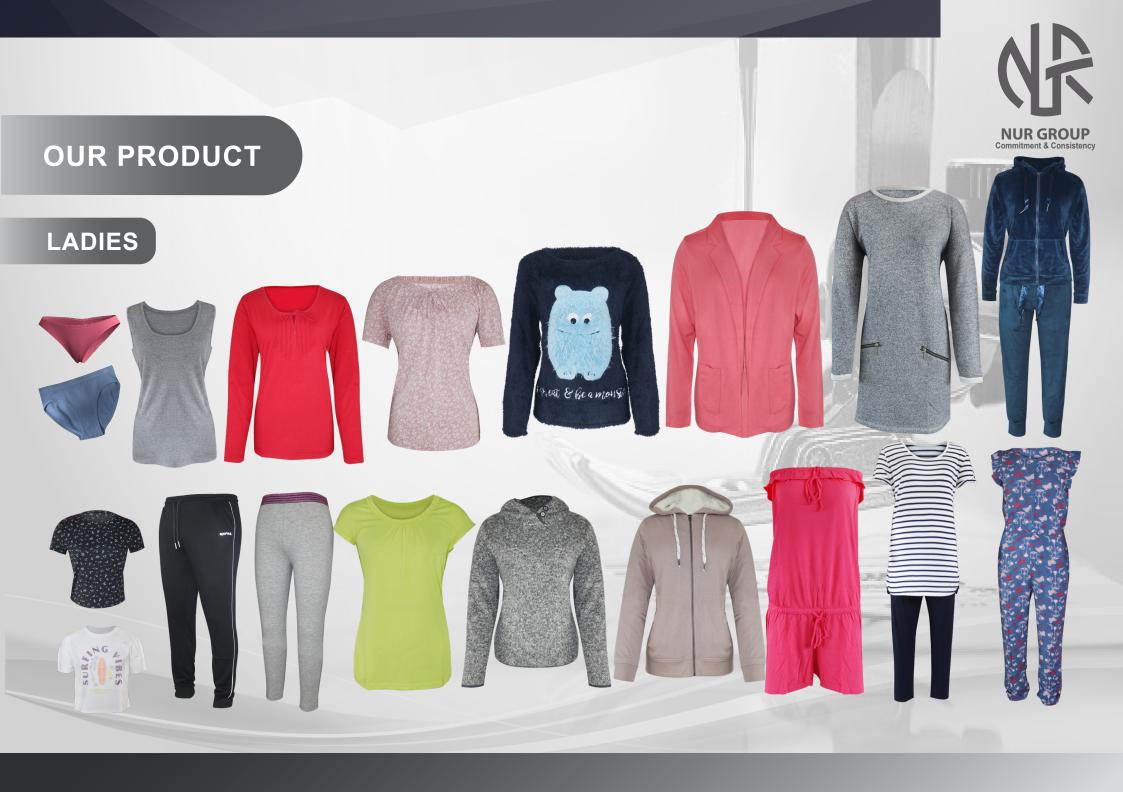
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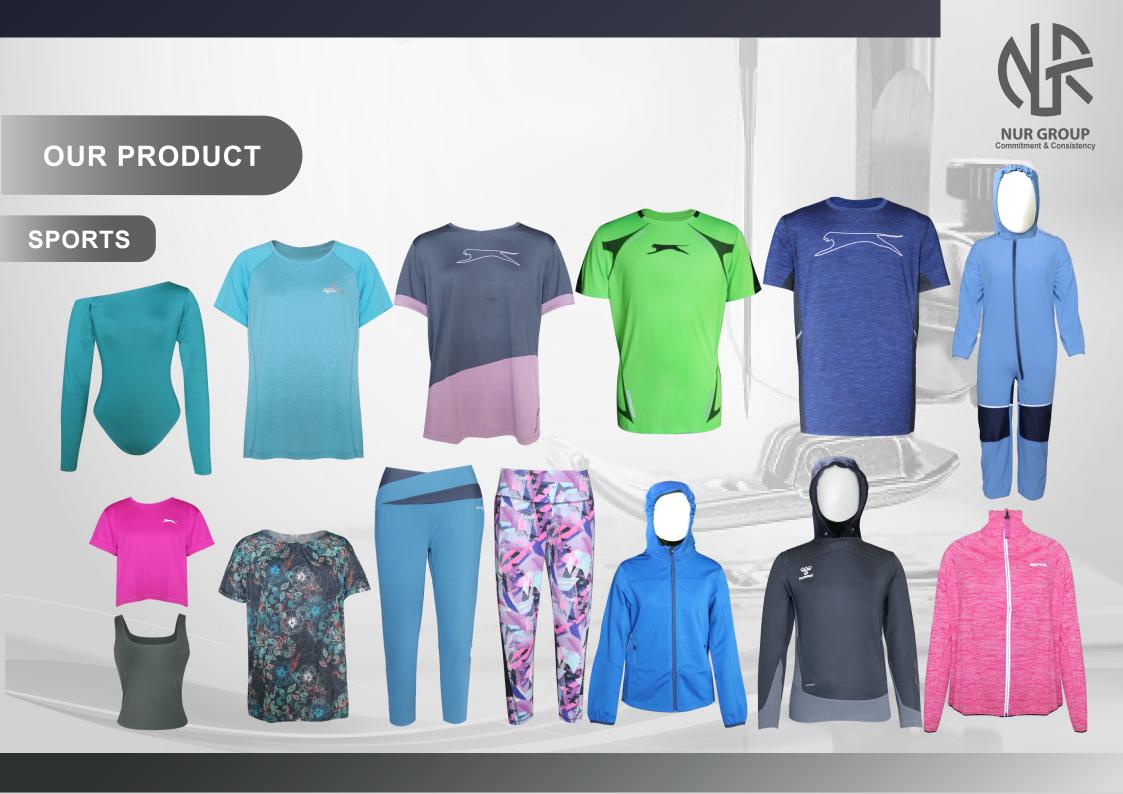


OUR PRODUCT













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