

**BRAND INDIA ENGINEERING  
E-CATALOGUE**

Date: 18-01-2025

# **Weavetech Engineers Limited**

**Plot No.195, Road No. 3-F, Udhna  
Udyognagar, Udhna-Surat  
SURAT  
PIN - 394210**

**Mr. Chintan Thumar  
PHONE - +91 261  
2613070700  
EMAIL -  
[info@weavetech.com](mailto:info@weavetech.com)  
WEB -  
[www.weavetech.com](http://www.weavetech.com)**

At Weavetech Group, we are committed to improving the quality of life of the Textile Communities we serve. We do this by striving for value solutions which can make our communities globally competitive and contribute enormously in economic development of the country. Our practice of developing simple solutions for complex tasks at better value evokes trust among consumers, employees, shareholders & the community. We are committed to protecting this heritage of leadership with trust through the manner in which we conduct our business. Our team comprises of: Quality Inspectors Administrative staff Customer care executives Engineers & technocrats Sales and marketing executives Warehousing professionals Machine operators R & D experts Following are some of our superlative performances: One of the largest Indian manufacturers of TFOs Twisters, Crepe-Texturising Machines and Thread Doubling TFOs for filament yarns in India The largest manufacturer of Rapier Looms in India The first manufacturer of Water Jet and Air Jet Looms in India Credited with over two million spindles running world-wide One of the largest manufacturers, worldwide, of Crepe Texturizing Machines

[Products Description](#)

## BRAND INDIA ENGINEERING E-CATALOGUE

### Universal Twister and Cabler-UT2

Technical Details

Guage : 520mm/ 670mm / 830 mm Spindle Size : motorised spindle dia. 200 mm , 230mm , 270mm, 300 mm , 330mm Yarn Range : Twisting : 300-9000 dn. Direct-Cabling : 600-12000 dn. Twist Range : 50 TPM - 600 TPM Take-up Tube: 290/255 Max. Package Dia./Weight : 330 / 12000 gms. Max. operating Speed : 400 mtrs/ min

ITC HS Codes

8445 30 90

Certification/ Standard

ISO

Issuing Agency

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Date of Issue

02-01-2017

Date of Expiry

End Use Sectors

Product Images



**TECHNICAL SPECIFICATIONS**

Parameter	Value
Spindle Size	200, 230, 270, 300, 330 mm
Yarn Range	300-9000 dn
Direct-Cabling	600-12000 dn
Twist Range	50 TPM - 600 TPM
Take-up Tube	290/255
Max. Package Dia./Weight	330 / 12000 gms
Max. operating Speed	400 mtrs/min

**WHY WEAVETECH ?**  
The best to have

Whatever your **Twisting** or **Weaving** needs be, **Weavetech** has a solution.

Since 1988, **Weavetech** (formerly **Balluff**) has been at the forefront of bringing world-class technologies into the reach of Indian textile industry by encouraging an indigenous development and local manufacturing resources & engineering infrastructure. It is the same passion for continuous, steady, pioneering, innovation's passion within the core of the textile engineering industry that has made us the industry's choice.

Regardless if your company is big or small, **Weavetech** understands that a new machine investment can make a world of difference to your business. The greatest source of higher profitability, improved quality, & sustainable reliability will be yours just if **the correct machinery is selected**. Development of **Weavetech's** machinery has been guided by the needs of customers to control capital cost while still the lowest investments for long, fast-paced & capital-averse and faster adoption of technology without straining their available resources and time.

**Weavetech's** machines are the right step towards **getting more & getting better** value.


**PRODUCT RANGE**  
Rapier Looms | Water Jet Looms | Air Jet Looms | TPO Twisters | Thread | Double-TPO Carpet Cutters | Industrial TPO | Eye Package Winders | Assembly Winders

**CONTACT**

**For Sales & Service**  
Weavetech India Pvt. Ltd.  
Plot No. 10, Sector 10, Gurgaon, Haryana  
India

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**UniTwist UT2**  
Universal Twister + Cabler  
(for Technical / Industrial Multi-Ply Yarns)

**UniTwist UT2**  
Universal Twister for Technical / Multi-Ply / Direct-Cabled Yarns

**PRODUCTIVITY**

**Independent Motorised Positions**  
UniTwist UT2 is a multi-processor system for all standard motorised positions in a production line. The independent motorised positions are available in the following configurations:  
1. 2-processor configuration (2-processor system)  
2. 4-processor configuration (4-processor system)  
3. 6-processor configuration (6-processor system)

**High Speed Spindles & Twists**  
UniTwist UT2 is a high speed spindle & twist system. It is designed for high speed production of high tenacity yarns. It is available in the following configurations:  
1. 2-processor configuration (2-processor system)  
2. 4-processor configuration (4-processor system)  
3. 6-processor configuration (6-processor system)

**Large Knotless Packages**  
UniTwist UT2 is a large knotless package system. It is designed for high speed production of large knotless packages. It is available in the following configurations:  
1. 2-processor configuration (2-processor system)  
2. 4-processor configuration (4-processor system)  
3. 6-processor configuration (6-processor system)

**TECHNOLOGY & FLEXIBILITY**

**Multi-Ply Assembly Package Concept**  
UniTwist UT2 is a multi-ply assembly package concept. It is designed for high speed production of multi-ply yarns. It is available in the following configurations:  
1. 2-processor configuration (2-processor system)  
2. 4-processor configuration (4-processor system)  
3. 6-processor configuration (6-processor system)

**Pneumatic Pressurised Cables w/ Auto Lifting**  
UniTwist UT2 is a pneumatic pressurised cable system. It is designed for high speed production of pneumatic pressurised cables. It is available in the following configurations:  
1. 2-processor configuration (2-processor system)  
2. 4-processor configuration (4-processor system)  
3. 6-processor configuration (6-processor system)

**Quality of Yarn & Package**

**Precision Control with Vibration Dampening**  
UniTwist UT2 is a precision control system with vibration dampening. It is designed for high speed production of precision control yarns. It is available in the following configurations:  
1. 2-processor configuration (2-processor system)  
2. 4-processor configuration (4-processor system)  
3. 6-processor configuration (6-processor system)

**Package Size**  
UniTwist UT2 is a package size system. It is designed for high speed production of package size yarns. It is available in the following configurations:  
1. 2-processor configuration (2-processor system)  
2. 4-processor configuration (4-processor system)  
3. 6-processor configuration (6-processor system)




## BRAND INDIA ENGINEERING E-CATALOGUE

Technical Details

Fabric Width : 60" , 68",72",76" , 82",92" , 102",110" Performance : Upto 230 RPM or 410 mtr/min weft insertion rate Yarns : Filament, Spun, Mono, Silk, Flat, Jari, Viscose, Bemberg, Slub, Catonic, Roto, PP, Nylon, Acrylic, Glass Fiber , Industrial Yarn.

ITC HS Codes

8446 30 90

Certification/ Standard

ISO

Issuing Agency

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Date of Issue

02-01-2017

Date of Expiry

End Use Sectors

Product Images



**TECHNICAL SPECIFICATIONS**

Model	60"	68"	72"	76"	82"	92"	102"	110"
Speed (RPM)	230	230	230	230	230	230	230	230
Speed (mtr/min)	410	410	410	410	410	410	410	410
Yarns	10-12	10-12	10-12	10-12	10-12	10-12	10-12	10-12
Weight (kg)	1200	1500	1800	2100	2400	2700	3000	3300
Power (kW)	15	18	21	24	27	30	33	36

**LAYOUT DIMENSIONS**

**WHY WEAVETECH?**

Whatever your **Twisting or Weaving** needs be, **Weavetech** has a solution.

Regardless if your company is big or small, **Weavetech** understands that a new machine investment can make a world of difference in your business. The general areas of digital productivity, improved quality & sustainable mobility will become just **if the correct machinery** **is selected**.

Development of **Weavetech's** Machinery has been guided by the needs of customers to extract optimum value from their limited investments in Loom, Management & Capital, allowing present and future advancement of technology without affecting their available resources and time.

**Weavetech ACE-3 RAPIER LOOMS** is the right step towards **getting more & getting better** value.

**PRODUCT RANGE**

RAPIER LOOMS | TFO Twisters | TFO Textiles | Thread | Double TFO Crank Cutters | Industrial TFO | Dry Package Winders | Assembly Winders

**CONTACT**

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**Represented by**  
M/s. Indian Engineering  
Plot No. 10, Sector 10, Gurgaon, Haryana  
India

**Invest in Success**

**India's largest selling rapier Looms**

Why Weavetech's ACE RAPIER LOOM ?  
Proven Success... Made in India.

**ELO ETU**  
Crimping  
Variable Pick

**CHAMMING with Electronic Let-Off & Take-Up (optional)**

**Loom Data Management**

**Solutions with Thermal Coating**

**Sliding Head Gripper**

**Special Positive Let-Off (optional)**

**HEX' Chubbness Motor with EBS (Electronic Break System)**

**Weft Cutter CAM Drive**

**7 Wheel Take-up System**

**3-Emery Cloth Roll System**

**Individual Leno Bobbin System**

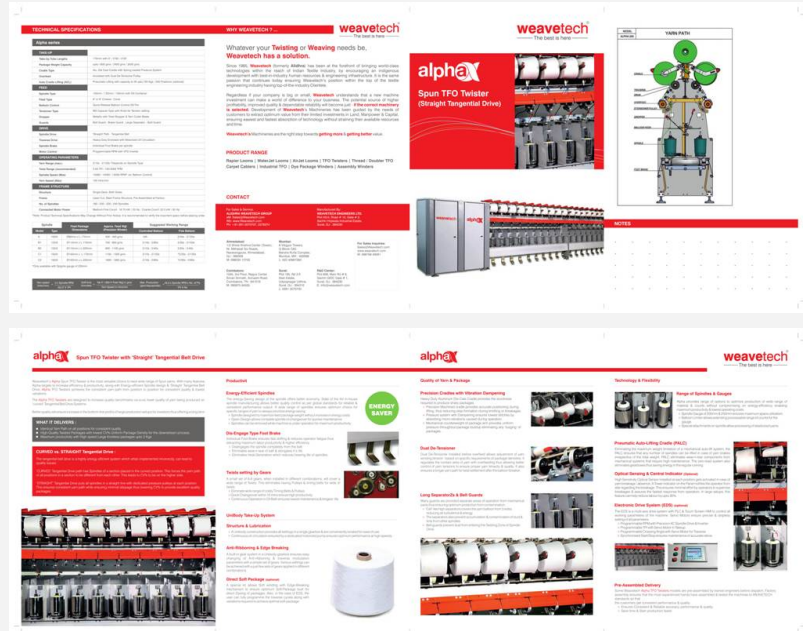
**Multi-Linkage Soft Drive**

**Pre-Assembled Delivery**

Spun TFO Twister-Alpha Series

## BRAND INDIA ENGINEERING E-CATALOGUE

Technical Details	- 205 / 250 mm Spindle Gauge - ' STRAIGHT' Tangential Belt Drive - Feed Package - 6" & 8" - Spindle Type 122mm/150mm/ 190 mm - Twist Range : 3-50 TPI / 150-2000 TPM - Yarn Speed (Max.) : 100 mtrs/min
ITC HS Codes	8445 30 90
Certification/ Standard	ISO
Issuing Agency	---
Date of Issue	02-01-2017
Date of Expiry	03-01-2020
End Use Sectors	
Product Images	



Sectors of Interest	Textiles
Countries of Exports	India
Foreign Collaboration	Textiles
Is OEM Supplier?	Yes
Is After Sales Service Provider?	Yes
Importance of niche products	
Potential market of niche products	

Product Supply Record M/s Du Pont India Ltd.(Subsidiary of Du Pont, USA) M/s. Zanotti , brazil M/s. Farrahi Carpets, Iran M/s. Numrung Rayon, Thailand M/s. Cintatex , Argentina



## BRAND INDIA ENGINEERING E-CATALOGUE

Patented Technologies

Awards/Accolades