



bobbiler

An ISO 9001-2015 Company

improving system,
improving business...

Auto Advance High Speed Sectional Warping Machine



Maximum Performances

- ▶ Sturdy, High - Precision Machine Frame
- ▶ Reduced Number of Parts
- ▶ Lowest Vibration Pattern at High Speed

Reduced Consumption

- ▶ Reduced Maintenance
- ▶ Lower Power Consumption

Superior Beam Quality



ISO 9001:2015
CERTIFIED



QMS 004



www.bobbiler.com

Company Profile

We are one of the most quality oriented manufacturer and exporters of textile machinery established by since 2010 in India.

Our best in class Auto Advance High Speed Sectional Warping machine, all types of Cone Creel, spare parts and integrated services.

Bobbiler has a domestic presence with manufacturing process, assembling, company is a leading provider of advanced weaving preparatory solutions, including commercial, R&D. Furthermore, with our extensive qualified distribution agencies network, we are close to our Customers, ready to provide prompt and efficient support for your business.

The company has got ISO 9001-2015 Quality Management System Certificate as well as D&B Rating & co registers under ATUFS.

Our warping technology is India's most prominent and fast growing textile machines for textile weaving industry, improve quality management system and upgrade products quality continuously by focusing on business of warping process, which added value to the customer actual needs of industries.

We know the better warping process and give to our customer best technology of warping, our technology give to maximum production with minimum maintenance with user's friendly system.

We have installed more than no of 100 machines in working condition with the different in India and overseas textile weaving industries.

For more information about Bobbiler, please visit our website

www.bobbiler.co.in

www.bobbiler.com

LASERTRONIC

Pitch Measuring By Laser Technology

(Auto Advance Lasertronic Sectional Warping Machine)



SPECIAL FEATURES

AUTO ADVANCE WARP TABLE



Yarn Built-up through Laser Sensor

Traverse pitch is very important factor for sectional warping machine. So we have introduced highly accurate and contact less system for on line pitch measuring and monitoring of yarn built-up by Laser Sensor right from first section.

Touch Screen Color Display

All indication pilots placed in display box and in a semaphore visible from anywhere indicate the reason of drum stop: Thread breaking end or meters of length or any type failure notice like

Linear Guide And Ball Screw

S.S Linear guides are provided for smooth and high precision movement of warp table.

Cradle type movable Beaming Structure

- ▶ This assembly is of very strong construction & suitable for the beaming of very heavy warpings.
- ▶ The starting is carried out by a drive placed in both supports of the beam. Both beam supports can move easily separately or coupled, which allows an exact alignment of the beam on the warping.
- ▶ Beaming speed without graduation until 120 mtr/min.

SALIENT FEATURES

- ▶ Yarn Built-up through Laser Sensor.
- ▶ Robust Separate Warping & Beaming Structure.
- ▶ Motorize Cradle type movable beaming structure by push button.
- ▶ Dynamically, Balanced metallic Solid Drum with Fixed cone height.
- ▶ Effective air cooled caliper type hydraulic disc brake on both side of drum with power failure device.

AUTO BEAM TENSION



Special design developed by 'Bobbiler' to produce perfect weaver beam to get optimum efficiency for automatic looms. Both pressure relief valve are separate for warping and beaming to get required auto beam tension control increase and decrease by hydraulic servo control valve of the yarn sheet during beaming.

DISC BRAKES



A hydraulic disc brake of special conception which absorbs the possible irregularities of brake drum makes, at the same time, quick & exact braking of warping drum & the obtaining of a regular tension of the warping during the beaming.



- ▶ Fully Servo system for precise warp table traverse motion, warp table cross motion & machine head stock motion in synchronous.
- ▶ User friendly operational panel having touch screen colour display for all desired process data.
- ▶ Auto beaming tension.

TECHNICAL SPECIFICATIONS

Working Width	1600 mm to 4000 mm
Beam Flange Diameter	800 mm to 1250 mm
Conical Angle	5° to 11°
Beaming Tension	Depend up on Yarn count

Warping Speed	0-1000 mts/min
Beaming Speed	0-120 mts/min (Higher on request)
Drum Circumference	2.5mtr / 3mtr

SOFTRONIC

Servo Traverse Control

(Servo controlled computerize sectional warping machine)



SPECIAL FEATURES



SERVO CONTROL WARP TABLE

- ▶ Crossing and warping combs are placed in a way that the thread run from the creel to the drum is as straight as possible, without unnecessary elbows or angles.
- ▶ The warping comb can be placed very near to the drum, which causes a very exact conduction of the section width. When thickness of rolled yarn increases on the drum, the comb back up automatically and simultaneously with the advance and according to the inclination angle of the cone, so that the distance between comb and drum is kept constant from the beginning to the end of the section. When the section is over, machine moves automatically and places itself in the home position for beginning following section, according to previously chosen length & with an accuracy of 1/10 millimeter. The warping comb goes forward to initial position.

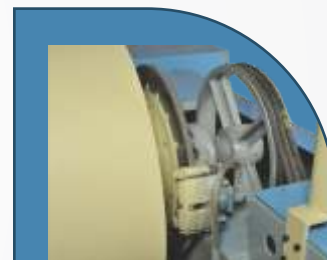


TOUCH SCREEN DISPLAY

- ▶ All indication pilots placed in display box and in a semaphore visible from anywhere indicate the reason of drum stop: Thread breaking end or meters of length or any type failure notice like software, hardware and electrical.

DISC BRAKES

- ▶ A hydraulic disc brake of special conception which absorbs the possible irregularities of brake drum makes, at the same time, quick & exact braking of warping drum & the obtaining of a regular tension of the warping during the beaming.



BEAM TENSION

- ▶ Special design develop by 'Bobbiler' to produce perfect weaver beam to get optimum efficiency for automatic looms. Boths pressure relief valve are separate for warping and beaming to get require beam tension control increase and decrease by manually of the yarn sheet during beaming.

Separate Beaming Structure

- ▶ This assembly is of very strong construction & suitable for the beaming of very heavy warpings.
- ▶ The starting is carried out by a drive placed in both supports of the beam. Both beam supports can move easily separately or coupled, which allows an exact alignment of the beam on the warping.
- ▶ Beaming speed without graduation until 120 mtr/min.



SALIENT FEATURES

- ▶ Robust Separate Warping & Beaming Structure.
- ▶ Motorize movable beaming structure by push button.
- ▶ Dynamically, Balanced metallic Solid Drum with Fixed cone height.
- ▶ Fully servo system for precise warp table traverse motion, warp table cross motion & machine head stock motion in synchronization.
- ▶ Use friendly operational panel having touch screen color display for all desired process data.
- ▶ Effective air cooled caliper type hydraulic disc brake on both side of the drum with power failure device.

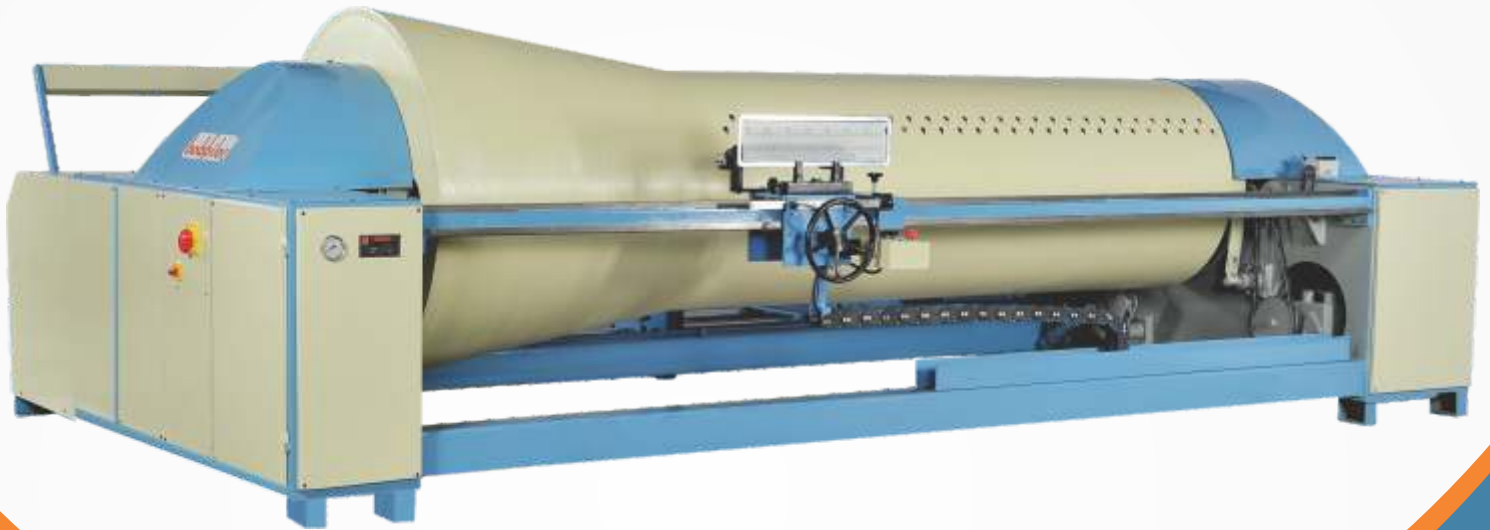
TECHNICAL SPECIFICATIONS

Working Width	1600 mm to 4000 mm
Beam Flange Diameter	800 mm to 1250 mm
Conical Angle	5* to 11*
Beaming Tension	Depend up on Yarn count

Warping Speed	0-1000 mts/min
Beaming Speed	0-120 mts/min (Higher on request)
Drum Circumference	2.5mtr / 3mtr

ECOMECH - PLC

(Programmable Logic Controlled)



SPECIAL FEATURES

AUTO RE- POSITION WARP TABLE

- Auto advancing system for warp table.
- Re-position of warp table for every next section by push button.
- Actual Yarn length measuring by Plc.
- Flat Reed with fine angular adjustment for section width.



BEAM TENSION

- Special design develop by 'Bobbiler' to produce perfect weaver beam to get optimum efficiency for automatic looms. Boths pressure relief valve are separate for warping and beaming to get require beam tension control increase and decrease by manually of the yarn sheet during beaming.



INTEGRAL BEAMING STRUCTURE



SALIENT FEATURES

- Dynamically, Balanced metallic Solid Drum with Fixed cone height.
- Suitable for wide range of warp lengths and beam flange dia.
- Both side movable Beam carrier box.
- Plc controlled system having online display for desired process data.
- Use friendly operational panel.
- Constant warping & beaming speed
- Effective hydraulic Band brake on both side of the drum with power failure device
- Hydraulic operated Beam doffer facility

TECHNICAL SPECIFICATIONS

Working Width	1600 mm to 4000 mm
Beam Flange Diameter	800 mm to 1000 mm
Conical Angle	5* to 11*
Beaming Tension	Depend up on Yarn count

Warping Speed	0-500 mts/min
Beaming Speed	0-100 mts/min (Higher on request)
Drum Circumference	2.5mtr / 3mtr

ECOMECH - SD

(Hi Speed Sectional Warping Machine)



SPECIAL FEATURES

WARP TABLE

- Variable speed of warp table traverse
- Re-position of warp table for every next section and creel centre maintain by manually
- "V" Reed with fine angular adjustment for section width
- Actual position of section width measure by scale device



WARP LENGTH METER

- Actual Section warp length measure through electronic meter - "German" make.
- Machine stop automatic after predetermine yarn length.
- Section warp length reset for every next section by push button.

BEAM TENSION

BEAMING STRUCTURE



SALIENT FEATURES

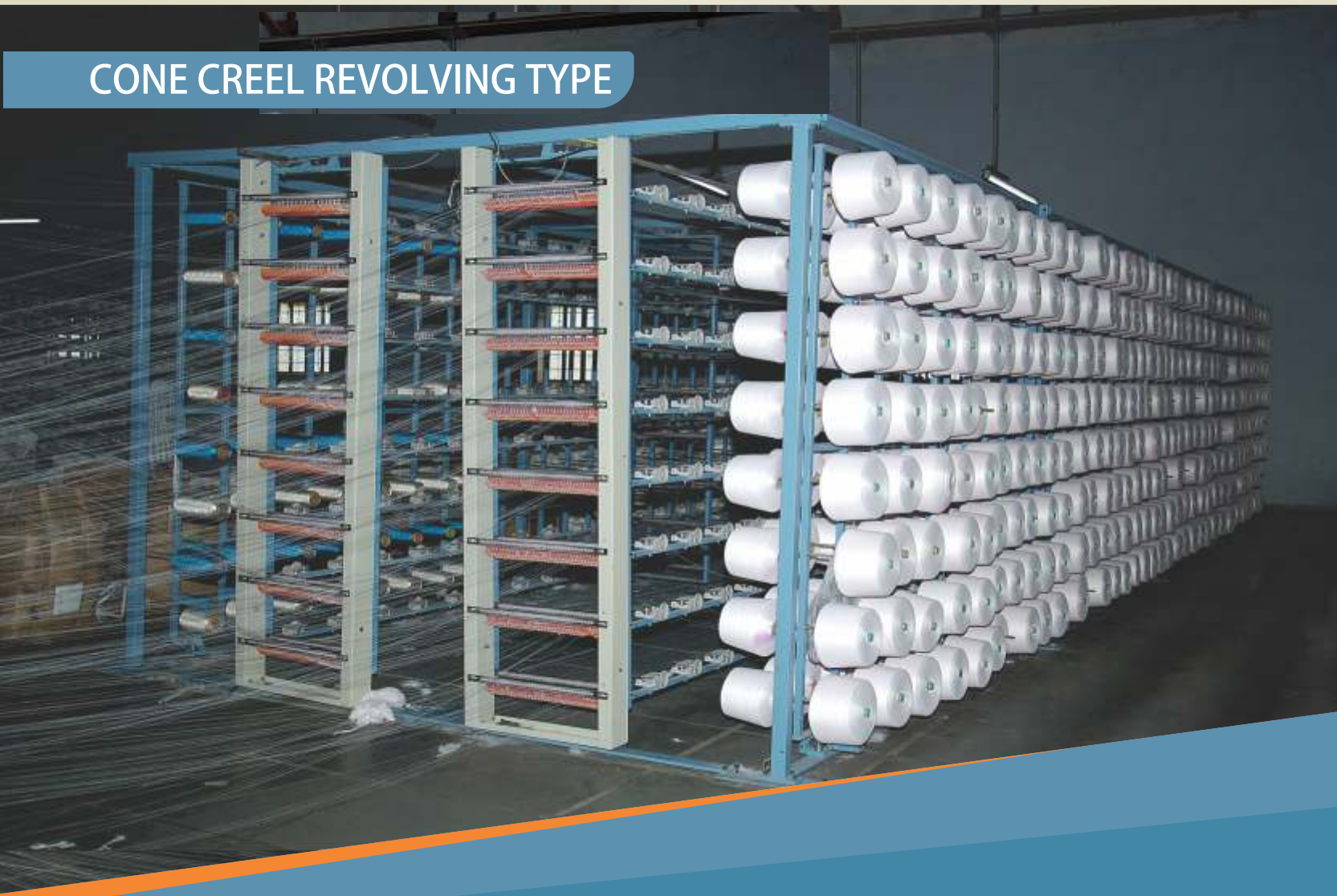
- Dynamically, Balanced metallic Solid Drum with Fixed cone height.
- Integral robust beaming structure attached with machine.
- Suitable for wide range of warp lengths and beam flange dia.
- Both side movable Beam carrier box.
- "German" makes predetermine section yarn length meter.
- Use friendly operational panel.
- Effective hydraulic Band brake on both side of the drum with power failure device.
- Hydraulic operated Beam doffer facility

TECHNICAL SPECIFICATIONS

Working Width	1600 mm to 4000 mm
Beam Flange Diameter	800 mm to 1000 mm
Conical Angle	5* to 11*
Beaming Tension	Depend up on Yarn count

Warping Speed	0-300 mts/min
Beaming Speed	0-80 mts/min (Higher on request)
Drum Circumference	2.5mtr / 3mtr

CONE CREEL REVOLVING TYPE



INFRARED STOP MOTION



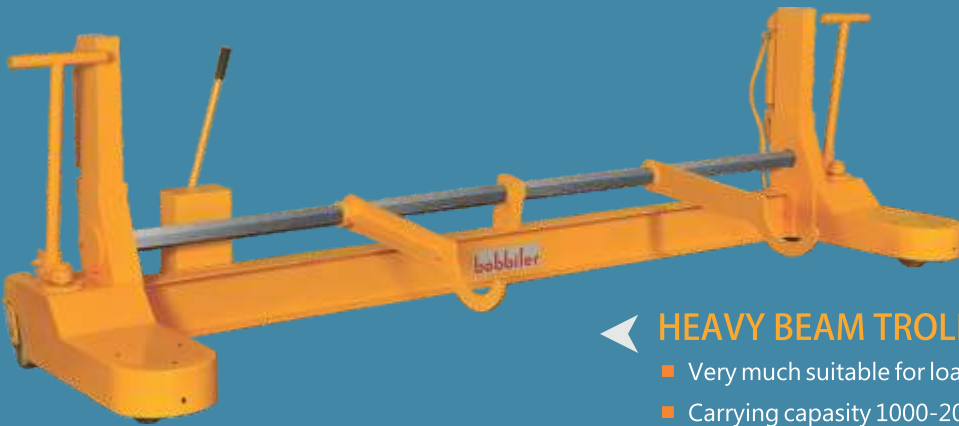
THREE POTS CERAMIC TENSIONER



UNIVERSAL MICRO TENSIONER



TWO POTS CERAMIC TENSIONER (COMMON)



◀ HEAVY BEAM TROLLEY

- Very much suitable for loading Beams directly on loom.
- Carrying capacity 1000-2000 Kgs. for Beam Flange dia 800-1250 mm.
- Handle bars for multi directions movements.
- Self aligned UHMW wheels for smooth transport on rough surface of floor.
- Beam lifting movements by hydraulic hand pump.

WIDER CLOTH ROLL TROLLEY ▶

- Specially suitable for wider width batch winders.
- For carrying large batch cloth roll of batch dia upto 1000 mm. and carrying capacity 1500 Kgs., Lifting and lowering by hydraulic hand operated pump.



TOP BOTTOM BEAM TROLLEY (Terry Towel)

- Top beam lifting and mounting trolley for terry towel, velvet looms and other fancy fabric weaving looms.
- Provision to accommodate short and wide working widths of beams by providing flexible shortening and lengthening device by manual crank turning 1000 mm. difference.
- Carrying capacity of 1000 Kgs. for 800 mm. beam flange dia.
- Handle bars for multi direction movements.
- All lifting movements by hydraulic hand pump.

EMPTY BEAM TROLLEY

- For loading, unloading and carrying empty beams of 800 mm. -1250mm. flange dia.
- Carrying capacity upto 400 Kgs. by hydraulically hand operated pump.

Applications

Apparel



Shirting



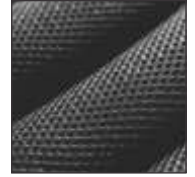
Denim



Home Textile



Technical fabrics



Quality Policy

Understand our customer's needs and then to provide products and services of the highest possible standards, to meet or exceed our customer expectations of quality, safety, reliability and service

After-Sales Service

After machine have been delivered, create the any type difficulty in the machine during running condition, company will active to approach to provide after-sales service with necessary spare parts within 24 hours, and try to get to the customers location by quickest to short out machine break down time.

Training

In response to customer request, senior engineers provide the machine installation, and meantime, and supply training how to operate and maintain machine to ensure the machine working. Bobbiler also helps train skilled experts adept in both the hardware and software aspects of its products.

Note: In view of continues development, we reserve the right to modify the design, picture, specification and dimensions without notice.



Bobbiler Tex Machinery India

8, Shree Ganesh Estate, Laxmi Saw Mill Compound, Nr. Morlidhar BRTS Stop,
Odhav, Ahmedabad-382415. (India)

Phone: 079-22870038 **Mobile:** +91-86906 80800

E-mail: bobbiler4@yahoo.com / info@bobbiler.com

www.bobbiler.com