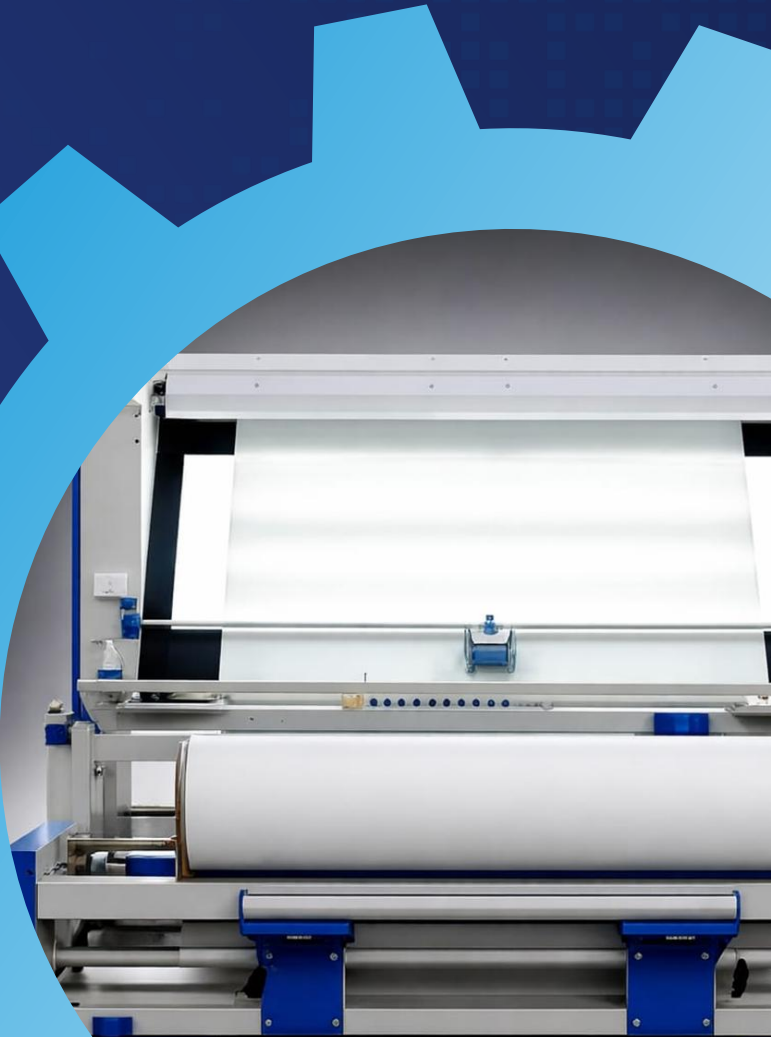




Arun Brammanantham
+91 95380 59944

Authorized Channel Partner
Avance Engineering Solutions
K. Kumar Raj
+91 99428 45153

ENGINEERING Your Growth



About us

Vibrant Beam Industry is a leading ISO 9001:2015 certified company based in Coimbatore, Tamil Nadu, with over 35 years of legacy in serving the textile weaving industry. Established with a strong vision to support both established and emerging textile manufacturers, we have continually evolved through our commitment to engineering excellence and customer satisfaction.

In 2025, we were honoured to be recognized as one of the **Top 10 Textile Machine Manufacturing Companies** in India by India Manufacturing Review – a testament to our innovation, customer commitment, and consistent quality.

We've spent decades building 'Engineering Your Success'. Now, we're raising the bar – by '**Engineering Your Growth**'. More than a promise, it's our pledge to fuel your progress, spark innovation, and drive sustainable expansion in a world of constant change.

Vision

Our vision is to be recognized by the industry and community, as a top-most company in India that offers engineering solutions for weaving industry by offering superior machineries and weaving accessories of highest quality in an ethical manner & of highest standards using cutting-edge technology and ensuring sustainable eco-systems through its processes.

Values

We solve problems not with solutions but with ingenuity, for it to not recur, as we follow the dictum "**ingenuity is the key to success**"

We always try to set the bar high for all including our standards and our performances, for we resolutely believe that excellence is the only option to succeed.



Our Strengths

-  Award-Winning Excellence – Recognized among India's Top 10 Textile Machine Manufacturers (2025 – India Manufacturing Review)
-  Certified Excellence – ISO 9001:2015 certification ensuring trusted quality
-  Innovative Engineering – Consistent R&D to meet evolving textile trends
-  Customer Satisfaction – 100% retention through strong relationships and performance
-  Affordable Precision – Competitive pricing without compromising on quality
-  End-to-End Support – Exceptional after-sales service you can rely on

Our Legacy

Founded on the principle of delivering reliable engineering solutions, Vibrant Beam Industry began its journey by manufacturing process and warehouse machinery tailored to the needs of the textile weaving sector. Over the years, our portfolio has expanded to include a wide range of high-performance machinery and accessories such as:

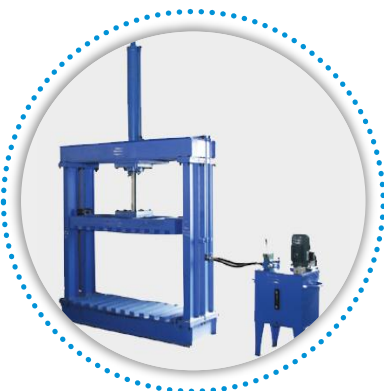
Fabric Inspection Machines



Cloth Folding Machines



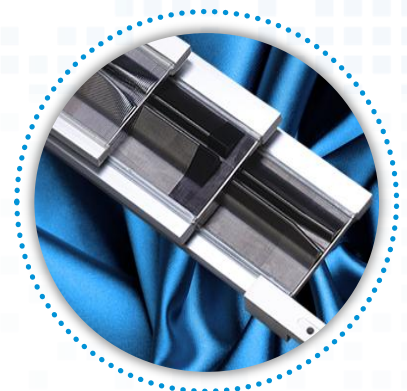
Stretch Wrapping Machine



Bale Press Machines



Weavers Beams



Flat and Profile Reeds

With our consistent quality and innovation, we have built a strong customer base not just across Tamil Nadu but throughout India.

Fabric Inspection Machines

Fabric Inspection Machines are designed to detect defects and shade variations in fabrics, ensuring superior quality control in textile production. The latest upgraded model features a robust structure, high precision components, and advanced automation, making it ideal for seamless fabric inspection and winding.

Key features and benefits:



Edge Guiding System:

Ensures Proper alignment of fabric, preventing irregular winding and misalignment issues.

HMI Display:

Providing users real-time visibility into machine running status and match alerts for faster, easier troubleshooting.

Auto Doffing & Weighing System:

Available as per customer requirements to enhance automation and ease of operation.

Selvedge-Guided (Shifting) Winding:

Maintains a straight selvedge edge, preventing fabric curling at both edges, making it easier for further processing.

High-Quality Imported Rubber for Perfect Fabric Tension:

Provides consistent fabric tension, reducing distortions and enhancing overall quality.

Smart Electronic Counter Meter:

Accurate digital readings with Bluetooth connectivity for real-time data monitoring and seamless machine integration.

Integrated Barcode Printer:

Prints barcode stickers and stores fabric inspection data in the cloud via Vibrant Beams Software.

Designed for precision and durability, our Fabric Inspection Machines optimize fabric quality control, making them an essential tool for textile manufacturers.

Cloth Folding Machines

The VIBRANT Single Cloth Folding Machine is designed for smooth and precise folding of various fabrics. It delivers a consistent folding speed, ensuring high productivity and neat folds every time.

Key Specifications:

- ❖ Maximum Fabric Width: 72" to 153"
- ❖ Folding Speed: 30 to 42 meters/minute
- ❖ Motor: 2 HP, 3 Phase



Additional Features:



Cloud Storage, Secured Access, Instant Reports

- ❖ Access fabric details anytime, anywhere
- ❖ Instantly generate and share detailed reports
- ❖ Secure, login-protected access for your team and data
- ❖ Tailored to meet your specific business requirements



Cloth Folding Machine (Double Fold Attachment)

Equipped with a double folding arrangement for efficient folding of wider fabrics, providing versatility for different material types and requirements.

Engineered for reliability and user-friendly operation, the VIBRANT Folding Machine is an ideal solution for textile mills seeking consistent quality and higher output.

Stretch Wrapping Machine

This machine is ideal for weaving mills producing both wider and narrow-width fabric rolls. Its automated operation, programmable via a microprocessor interface, ensures efficiency. Sturdy and user-friendly, it quickly stretch-wraps large-diameter fabric rolls.

It operates on 415 V, 3-phase power, consuming 2.5 Amps and 0.75 kW per motor across three motors.



Machine

Roller Height above GL	350 mm
Speed	35 meters/minute
Maximum stretch	300%
Installed power	1.5 kW < 415V, 3 phase, 50Hz
Power supply	415V, 3 hase, 50Hz
Gear Box	2 Nos.
AC Motors (1HP)	2 Nos.
AC Drive (1 HP)	2 Nos.

Capacity

Rolls/Hour	20-40 rolls
Weight/Roll	400 kgs
Roll Diameter	600 mm
Roll Width	3900 mm

Film Details

Material	LLDPE - Stretch Film
Film width	250 to 500 mm
Film thickness	12-35 μ (23 μ recommended)
Core diameter	76 mm
Maximum film diameter	250 mm

Gaiting Trolley

An essential material handling trolley designed for the efficient transportation of single beams equipped with Heald Frames. This advanced trolley is engineered to cater to looms, with an impressive lifting capacity of 1500 kg and the capability to transport beams with a diameter of up to 1100 mm.

Key Features:



Robust Design: The Beam Gaiting Trolley is constructed for durability, ensuring reliability under heavy loads.



Efficient Lifting Mechanism: The beam lifting process is facilitated by a hydraulic cylinder powered by an electrically operated power pack system, providing seamless operation.

1HP Single Phase Motor (Havells) - 1 No.

The machine operates electrically, requiring a single-phase line to support hydraulic movement.

The hydraulic operation involves two primary functions:

1. Lifting the beams and heald frames vertically up and down.
2. Moving the heald frames horizontally for proper positioning within the loom.



Enhanced Stability: The trolley's design promotes even weight distribution when loaded, ensuring stability during transport.



High-Quality Wheels: Featuring wheels with bearings and thread protector caps, this trolley guarantees smooth movement.



Manual Steering: Equipped with separate manual steering on both sides, it allows for easy maneuverability, whether pushing or pulling.



Enhances operational efficiency and streamline the processes. Its sophisticated engineering and user-friendly features make it an invaluable addition to any workspace.

Weavers and Warper Beams

Weavers Beams

- Imported high speed CNC machines for manufacturing of the beams
- Weavers beam with fine accuracy and finishing
- Reliable and durable, which can withstand at higher RPM
- Accuracy (0/0) to avoid run-out & face-out of the beam
- Fine precise threading for mounting the flanges
- Both ends with hardened bearing cup with ground and polished finish
- Zinc coated pipes for rust prevention

Flanges

- Manufactured by die casting method for faster production, finishing and accuracy
- Flanges will be on par with the quality of imported beam

Drive Gear Wheel

- Graded S.G Iron
- Manufactured in our factory with our Hobbing machines for perfect precision
- Measurement standards are as specified by Toyota



Warper Beams with hollow flanges and dynamically balanced, Suitable for Hocoba, Karl Mayer, Jupiter, Amritalakshmi, and all other warping machines are manufactured. The warp beams are designed upto 1,400 mm diameter & 2,800 mm working width.

- Manufactured with latest imported high speed CNC machines
- Dynamically balanced with hollow flanges
- Precise Karl Mayer standard measurements for perpendicularity and parallelism to avoid run-out and face-out issues



Machineries, Trolleys & Reeds

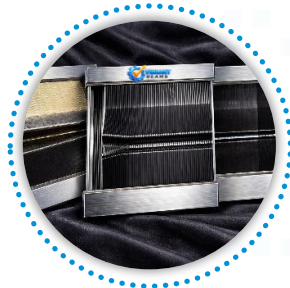
Flat and Profile Reeds

Elevate your weaving precision with our premium reeds, backed by 25+ years of expertise and the latest in automated binding technology. We combine imported dents, high-tenacity adhesives, and expert Airflow Setting & Correction to deliver world-class quality at the industry's most competitive prices.



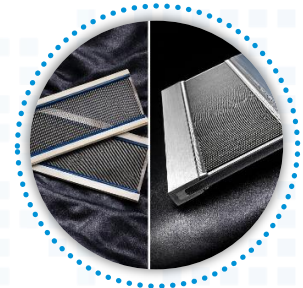
Global Compatibility

Precision-engineered for Toyota, Tsudakoma, Picanol, Rifa, and Red Flag looms. We offer exclusive dents for all reed types and professional service/refurbishment.



Quality Our Priority

Specializing in 301 & 420 Grade profile reeds. Featuring DLC and Chrome-coated dents for maximum durability in high-speed 2-color and 4-color weaving.



Versatile Flat Reeds

Robust designs for Sulzer, Ruti C, and Rapier looms. Available in high-grade SS and MS dents, ensuring smooth performance for even the most demanding fabrics.

Machineries



Bale Press Machines



Batching Machine



Palating Machine



Spool Winding Machine

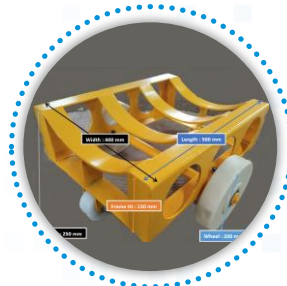
Trolleys



Hand Pallet Truck



Yarn Beam Trolley



Cloth Roll Doffing Trolley



Beam Loading Trolley



Looking Ahead

In today's competitive and rapidly changing market, Vibrant Beam Industry continues to innovate and redefine engineering standards in the textile machinery space. With a customer-first approach and a focus on quality, we are poised to strengthen our presence in the Indian and global markets.

Contact Us



Arun Brammanantham

*Managing Partner,
Technology & Innovation*
+91 95380 59944

K. Kumar Raj

*Channel Partner,
Business Development*
+91 99428 45153
kumar.raj@avanceindia.in

Vibrant Beam Industry



No: 36A, S.C, Palanisamy Gounder St, Rathinapuri, Tatabad,
Coimbatore, Tamil Nadu 641027



info@vibrantbeams.com



www.vibrantbeams.com