

**BRAND INDIA ENGINEERING  
E-CATALOGUE**

Date: 02-04-2025

# Premier Loom Manufacturers Pvt. Ltd.

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We are a well-established (set up around 4 decades ago) Textiles Machinery Manufacturing Company, with 3 hi-tech manufacturing units. We manufacture Rapier (Shuttle less) Looms, along with Shuttle Looms (Power Looms), and allied textiles machinery.

## Products Description

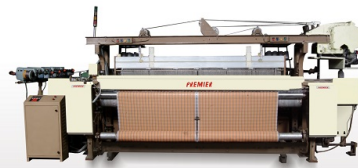
### Looms

Technical Details	Rapier (Shuttle less) Looms and Shuttle Looms (Power Looms).
ITC HS Codes	8446, 84463090, 84463019, 84463011
Certification/ Standard	ISO
Issuing Agency	---
Date of Issue	06-03-2015
Date of Expiry	05-03-2018
End Use Sectors	Weaving Units

**BRAND INDIA ENGINEERING**

**Product Catalogue**

Product Images



- SILENT FEATURES**
  - High quality weaving machine suitable for the production of high quality fashion fabrics of natural and synthetic yarns at low cost.
  - Sturdy Machine Frame with Unique drive resulting in minimum operating Cost. The main parts run in anti-friction bearing.
  - Rigid well design beat-up gives excellent fabric.
  - PLC base control panel.
  - Stable weft insertion.
  - Versatile Fabric weaving.
  - Unique drive gives lowest maintenance.

- TECHNICAL SPECIFICATIONS**
  - Machine Type: Flexible Rapier
  - Speed: 230 rpm (Max. Mechanical Speed)
  - Nominal Reed Space: 152 cm, 170 cm, 180 cm, 190 cm, 210 cm, 260 cm, 330 cm
  - Weft Insertion: Up to 430 mt/min.
  - Shedding: Positive Cam Type Dobby OR Upper Tappet Motion
  - Take-up and Let-Off: Positive Take-up synchronized with Let-off ensure uniform tension from full to empty beam.
  - Warp Yarn Counts: Practically no limitation.
  - Weft Yarn Counts: 20 Den to 3000 Den
  - Control Panel: PLC Base Electronic Control Panel
  - Motor: 1.5 KW Electromagnetic Brake Motor
  - Weft feeding: Weft Accumulators
  - Weft and warp control: Photoelectric sensor and Electric warp stop motion.
  - Sequence of Picks: PLC Programmable pick sequence Up to 8 Colours.
  - Lubrication: Centralized lubrication Pump system

**Cam Beat Up Rapier Loom**

Model - PZ88



REED WIDTH	190cm, 210cm, 230cm, 250cm, 260cm
SPEED	Design max speed 400RPM
ELECTRIC POWER	2.2 Kw / 380V
SHEDDING MOTION	Plain motion, Jacquard motion and Electronic dobby.
TAKE UP	Electronic
LET-OFF	Electronic
FLANGE DIA	600 mm
SELVAGE	Independent Mechanical
INSERTION	Conjugated Cam
FIND LATTITUDE SYSTEM	Enclosed Oil Lubrication the Pick finding Combination
YARN RANGE	Cotton 2s-6F Chemical fiber 5SD to 70SD
BEAT UP	Conjugated Cam

- High Speed: Max. design speed is 400RPM
- Special pick finding: To reduce the weft mark, Loom can find the yarn by forward slow motion in reverse direction or by motor pick finding or hydraulic pressure pick finding, which can adjust the level level.
- The loom is digitally controlled by CPU. Closed controlled electric let-off, take-up to realize constant tension weaving.
- Flexible electric weft selection. Adopting high speed slipper motor control electric weft selector with 8 color. The sensitivity of all type weft can be adjusted by single hole.

**Shuttle Loom**

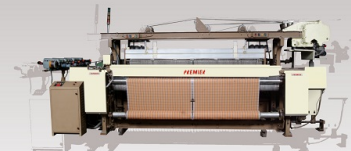


- TECHNICAL SPECIFICATIONS**
  - Nominal Reed Space: 46", 54", 59", 64", 68", 72"
  - Reed: Flat Reed
  - Shuttle Box: 1x1, 2x1, 4x1, 4x4, 2x2
  - Pick: Underpick
  - Shedding: Treadle & Cone pulley type
  - Drive: Individual Motor drive
  - Power Required: 0.5 HP, 720 RPM, 440 V, 50 c/s 3 phase
  - Handle: Right or Left
  - Letoff Motion: Fully automatic positive letoff motion to keep uniform tension
  - Take up: The pickler's indirect 7 wheel take-up motion with ratchet wheel system.

**PREMIER** Looms Manufacturers Pvt. Ltd.  
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Sectors of Interest  
Countries of Exports  
Foreign Collaboration  
Is OEM Supplier?  
Is After Sales Service Provider?  
Importance of niche products  
Potential market of niche products

Weaving units  
Asia and Africa  
Asia and Africa  
No  
Yes



## BRAND INDIA ENGINEERING E-CATALOGUE

Product Supply Record

Patented Technologies

Awards/Accolades