

**BRAND INDIA ENGINEERING
E-CATALOGUE**

Date: 20-07-2025

Premier Loom Manufacturers Pvt. Ltd.

Plot Nos. 9 - 12, M.G. Road No. 11, Udyog
Nagar, Udhna
SURAT
PIN - 394210

Ashish M. Amin
PHONE - +91 261 2278491
EMAIL -
premierlooms@hotmail.com
WEB -
www.premierloom.com,
www.premierloom.net

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.

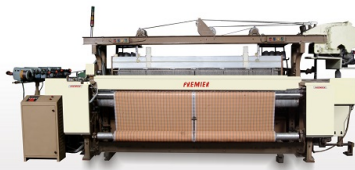
Products Description

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

Crnk Beat Up Rapier Loom



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 well insertion.
- Versatile Fabric weaving.
- Unique drive gives lowest maintenance.

TECHNICAL SPECIFICATIONS

Machine Type	Flexible Rapier
Speed	220 rpm (Max. Mechanical Speed)
Nominal Reed Space	152 cm, 170 cm, 180 cm, 190 cm, 210 cm, 280 cm, 330 cm
Well Insertion	Up to 430 m/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. Practically no tension.
Warp Yarn Counts	20 Den to 3000 Den
Well Panel	PLC Base Electronic Control Panel
Motor	1.5 KW Electromagnetic Brake Motor
Well feeding	Well Accumulators
Well 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, 280cm
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
PICK LATITUDE SYSTEM	Enclosed Oil Lubrication the Pick finding Combination
YARN RANGE	Cotton 2s-60 Chemical fiber 50D to 700D
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 time.

• The loom is digitally controlled by CPU. Closed controlled electric let-off, take-up to realize constant tension weaving.

• Precise electric well selection. Adopting high speed stepper motor control electric well selector with 8 color. The sensitivity of all type well can be adjusted by single hole.

Shuttle Loom



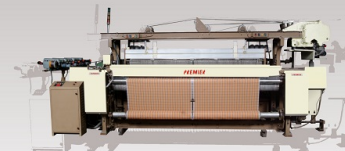
TECHNICAL SPECIFICATIONS

Nominal Reed Space	40", 54", 59", 64", 68", 72"
Reed	Full Reed
Shuttle Box	1x1, 2x1, 4x1, 4x4, 2x2
Pick	Underpick
Shedding	Threadle & Cone pulley type
Drive	Individual Motor drive
Power Required	0.5 HP, 720 RPM, 440 V, 60 c/s 3 phase
Handle	Right or Left
Letoff Motion	Fully automatic positive letoff motion to keep uniform tension
Take up	The pickler indirect 7 wheel take-up motion with ratchet wheel system.



Looms Manufacturers Pvt. Ltd.

M.G. Road No. 11, Udang Nagar Udhva 394 210, (Surat)
Ph.: (0) -91- 261- 2275491, 2275712, 2275944, Fax: +91-261-2277209, Mob. 98248 91491, 98243 02544
E-mail: premierlooms@hotmail.com + info@premierlooms.com + sales@premierlooms.com
www.premierloom.net



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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