

Speed: 350+ RPM Running

- High Speed Rapier Looms
- Electronic Jacquard
- Air Jet Looms

A new era the Maayso Impex is in Textile Machinery Business & marketed textile machinery, with aim to be trusted supplier to customers across the Nation.



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- High Speed
- Low Energy Consumption
- Low Vibration
- Flexibility & Wide Applicability
- Easy Operation & New Electronics
- Latest Technology

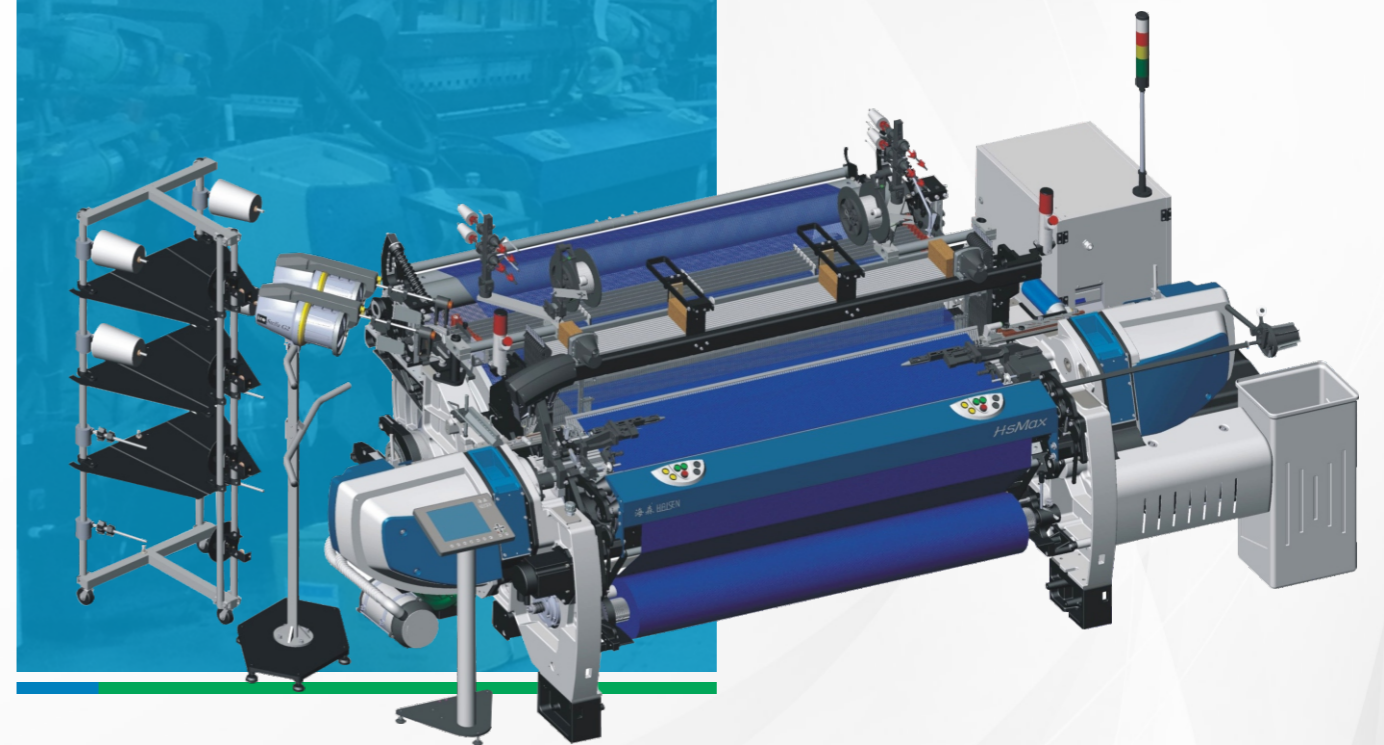
High Speed Rapier Looms | Electronic Jacquard | Air Jet Looms

HsMax Type High Speed Rapier Loom HsMax



High-Degree Stability
Extremely Low Machine Vibration

Speed: 350+ RPM Running



Product Introduction

HsMax type high speed rapier loom adopts rapier weaving technology, absorbs the most excellent middle beating-up mechanism of loom and combines with the unique rapier drive technology perfectly, which raise the weaving output of this latest type of loom. Its extremely solid body structure ensures its high-degree stability and extremely low machine vibration, which makes it easy to weave fabrics of various heavy types or other types.

Performance

High Speed	Excellent Quality Of Fabric
High Efficiency	

Investment

Low Investment	Quick Return
Long Lifetime	

Running Cost

Low Energy Consumption	Low Maintenance
Low Consumption Of Spare Parts	

Simple And Convenient

Convenient Operation	Quick Change Of Varieties
Wide Adaptability	

- Weaving The Highest Quality Fabric At The Lowest Possible Cost
- Productivity And The Quality With The Latest Technology Advancements
- Our Priority Is To Understand You & Deliver The Same
- High Reliability With Full filling Current Market Needs

Control Terminal And Electronics

The control terminal displayed in color graphics adopts operation of menu type, which is simple, convenient and advanced in technology. The electronic processing system allows you to check all the important settings and patterns. The internal communication among the functions of the loom is performed by the CANBUS system. At the same time, HsMax type rapier loom also meets all safety standards.



Back Roller



By adjusting the up or down or left or right position of back roller to control the degree of the warp yarn tension so as to control shed, aiming for being suitable for different fabric varieties. Double back rollers ensure transferring warp yarns smoothly so as to ensure that the fabric is stable and will not sway during weaving, which is the best choice for heavy fabric and denim.

Super Motor

The super motor of all-new switched reluctance has unparalleled potential and efficiency.

- A simplified transmission gear that removes the fierce clutch unit.
- The superior quality of the fabric is profiting from the high beating force at the start-up of the motor.
- Freely programmable weaving speed ensures efficient loom management.

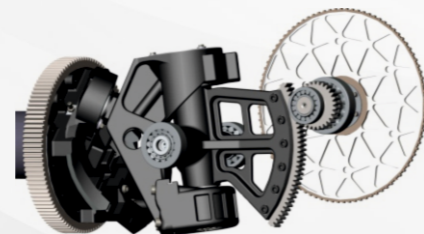


Beating-up Mechanism

The beating-up mechanism in the inside of machine is powerful enough to ensure the fabric style.



Driving Structure of Weft Insertion



German large scale three dimensional inspection centre



Strict Control
Precise Measurement
Quality & Assurance

Weft Selecting



4 color, 8 color or 12 color weft selector is driven by an independent electronically controlled linear motor so as to pass the weft yarns to the weft insertion rapier head at the optimum time. The weft yarns order and pattern can be programmed and set conveniently and stored as well as executed on a loom.

Let-off



- Electronically control let-off motion and rolling motion synchronously, the warp yarn tension can be controlled in a nondestructive range from the full-loaded rotation to the race rotation. HsMax type high speed rapier loom can be equipped with the beam whose flange diameter is 800 mm or 1,000 mm.
- The calculating time is shortened through the quick disassembling mechanism of convenient beam.

Shedding Device



- Automatic find-weft mechanism
- The opening heald time can be set electronically without mechanical operation
- Quick connection mechanism of up regulation heald frame, more convenient operation
- Equipped with STAUBLI electronic dobby (12/14/16/20 piece heald)

Oil Lubrication System



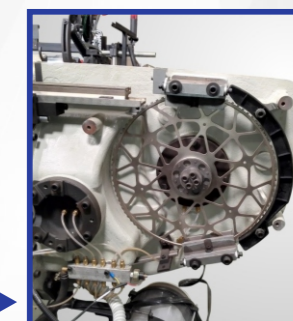
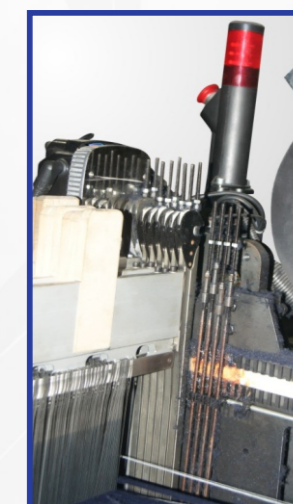
- Independent Motor
- Electronic monitoring of oil pressure, oil level and oil temperature
- Centralized manual oil filing grease lubrication

Light High Strength Aluminium Alloy Rapier Wheel

Stranding Mechanism



The all-new design of the stranding transmission gear is more suitable for high-speed operation, and optimizes motor motion curve and adapts to the precise positioning at various speeds.



- High Efficiency Energy Saving
- A Newly Developed Functions And It's Operations
- Technological Expertise
- Delivers The Commitment With Performance
- Competitive Rates With Futuristic Features
- Extraordinary Service For Extraordinary Customers

Electronic Jacquard



WMF SERIES

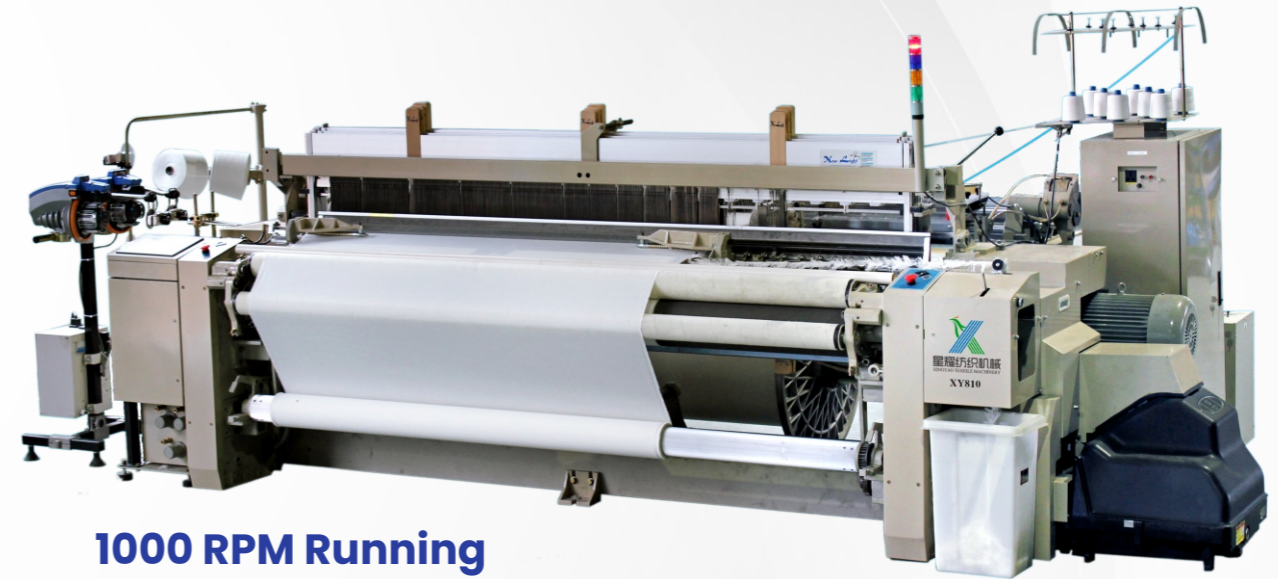
PRODUCT INTRODUCTION

- ◎ **Type:** WMF1344B, WMF1792B, WMF2688B, WMF3584B, WMF4608B, WMF6144B, WMF6528B, WMF7680B.
- ◎ **Max Speed:** 500RPM
- ◎ **Selection Method:** drive circuit board+ solenoid board+ sheet steel+ lifting knife
- ◎ **Shedding Form:** double-lift, fully-open shedding
- ◎ **Shedding Height:** The front shedding width range is 45-105mm. Back shedding width range is 62-120mm with easy adjustment.
- ◎ **Note:** Other specification can be made according to customers' requirements.



10240 Hooks Jacquard

XY 910 Air Jet Loom



1000 RPM Running

An air-jet loom is a shuttleless loom that uses a jet of air to propel the weft yarn through the warp shed. Air-jet looms are capable of producing standard household and apparel fabrics for items such as shirts, denim, sheets, towels, and sports apparel, as well as industrial products such as printed circuit board cloths. Heavier yarns are more suitable for air-jet looms than lighter yarns. Air-jet looms are capable of weaving plaids, as well as dobby and jacquard fabrics

- Strong Frame Structure and Structure of Beating Balance
- Optimum Designed Link Beating Motion
- New Permanent - Magnet Motor Weft Accumlator
- Stretch Nozzle
- Negative Cam Shedding: Max.8 Shedding Frames
- Positive Shedding: Max.10 Shedding Frames
- Dobby Shedding: Max.16 Shedding Frames
- Jacquard
- Double Back Rollers
- Negative Easing
- Positive Easing
- Double Beam
- Twin Beam
- Total Stop - Mark Prevention system

