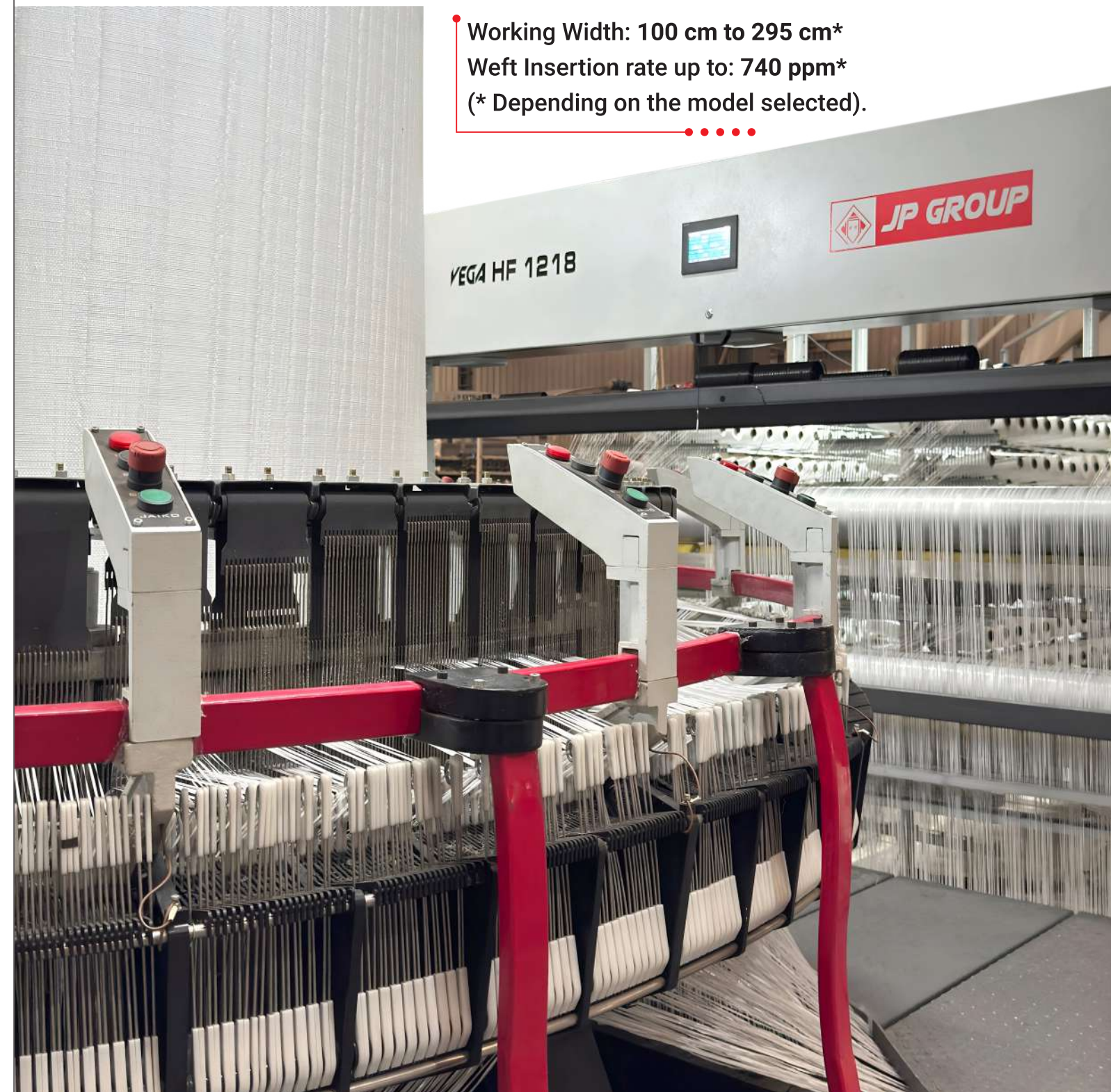


# 8, 10 & 12 SHUTTLE Circular Loom

Working Width: 100 cm to 295 cm\*  
Weft Insertion rate up to: 740 ppm\*  
(\* Depending on the model selected).



## TECHNICAL SPECIFICATIONS FOR 8 SHUTTLE CIRCULAR LOOM

| MODEL                              | JAIKO 810 LF/HF     | JAIKO 811 LF/HF     | JAIKO 812 LF/HF     | JAIKO 814 LF/HF     |
|------------------------------------|---------------------|---------------------|---------------------|---------------------|
| Working Width - Double Flat        | 100 to 160 cm       | 120 to 170 cm       | 150 TO 200 cm       | 175 to 225 cm       |
| No. of Shuttles / Loom             | 8                   | 8                   | 8                   | 8                   |
| Weft Insertion Rate (max.)         | 700 ppm*            | 650 ppm*            | 650 ppm*            | 740 / 650 ppm*      |
| Warp / Weft Core Internal Diameter | 35 mm**             | 35 mm**             | 35 mm**             | 35 mm**             |
| Warp / Weft Core Length            | 218 mm**            | 218 mm**            | 218 mm**            | 218 mm**            |
| Warp Bobbin Diameter (max.)        | 130 mm**            | 130 mm**            | 130 mm**            | 130 mm**            |
| Weft Bobbin Diameter (max.)        | 115 mm              | 115 mm              | 115 mm              | 115 mm              |
| No. of Tapes (LF/HF)               | 1344 / 1728         | 1440 / 1920         | 1568 / 2240         | 1680 / 2400         |
| Winding Roll Diameter              | 1200 mm             | 1200 mm             | 1200 mm             | 1200 mm             |
| Dimensions (L/W/H) (meter) LF      | 11.79 / 3.35 / 4.18 | 12.67 / 3.38 / 4.44 | 13.33 / 3.74 / 4.66 | 14.46 / 3.97 / 4.65 |
| Dimensions (L/W/H) (meter) HF      | 12.77 / 3.35 / 4.18 | 14.49 / 3.58 / 4.44 | 15.59 / 3.74 / 4.66 | 16.33 / 3.97 / 4.65 |

## TECHNICAL SPECIFICATIONS FOR 10 & 12 SHUTTLE CIRCULAR LOOM

| MODEL                              | JAIKO 1014 LF/HF    | JAIKO 1016 LF/HF    | VEGA 1218 LF/HF     |
|------------------------------------|---------------------|---------------------|---------------------|
| Working Width - Double Flat        | 175 TO 225 cm       | 225 TO 255 cm       | 250 TO 295 cm       |
| No. of Shuttles / Loom             | 10                  | 10                  | 12                  |
| Weft Insertion Rate (max.)         | 700 ppm*            | 625 ppm*            | 650 ppm*            |
| Warp / Weft Core Internal Diameter | 35 mm**             | 35 mm**             | 35 mm**             |
| Warp / Weft Core Length            | 218 mm**            | 218 mm**            | 218 mm**            |
| Warp Bobbin Diameter (max.)        | 130 mm**            | 130 mm**            | 130 mm**            |
| Weft Bobbin Diameter (max.)        | 115 mm              | 115 mm              | 115 mm              |
| No. of Tapes (LF/HF)               | 1680 / 2400         | 1920 / 2560         | 2016 / 2880         |
| Winding Roll Diameter              | 1200 mm             | 1200 mm             | 1200 mm             |
| Dimensions (L/W/H) (meter) LF      | 14.46 / 3.97 / 4.65 | 15.93 / 4.39 / 4.89 | 15.50 / 4.79 / 5.50 |
| Dimensions (L/W/H) (meter) HF      | 16.33 / 3.97 / 4.65 | 16.77 / 4.39 / 4.89 | 17.45 / 4.79 / 5.50 |

LF version for light fabric and HF version for heavy fabric.

\*Actual processing speed depends on fabric size, weaving construction, tape specifications and quality of tape.

\*\*Special version on request. Specifications are subject to change without prior notice, due to continuous developments.

These details are indicative and not binding. Extreme values indicated are not achievable simultaneously.

The picture may show optional equipment that are not part of the standard supply. For details, refer to the quotation.



**JP EXTRUSIONTECH**



**JAIKO  
INDUSTRIES**



**JP INDUSTRIES**

HEAD OFFICE | +91 99090 47164 | +91 99242 02307 | [info@jpel.in](mailto:info@jpel.in)

C1B-1034 to 1037, G.I.D.C, Industrial Estate, Ankleshwar-393002, Dist. Bharuch, Gujarat, India.

[www.jpel.in](http://www.jpel.in)





**8 Shuttle Circular Loom**  
**JAIKO 812 LF/HF**

**MAGAZINE WINDER :**  
A magazine winder is an inverted winder design where the surface roll is positioned above the winding shaft. This configuration applies optimal pressure on the winding roll, ensuring precise tension control and superior winding quality, making it ideal for heavy denier fabrics and FIBC (Flexible Intermediate Bulk Container) applications.

**INFEED SYSTEM :**  
A motor with a suitable gearbox reduction assembly which provides the smooth flow with appropriate tension of warp tape through load cell tension control system.



#### ADDITIONAL EQUIPMENTS

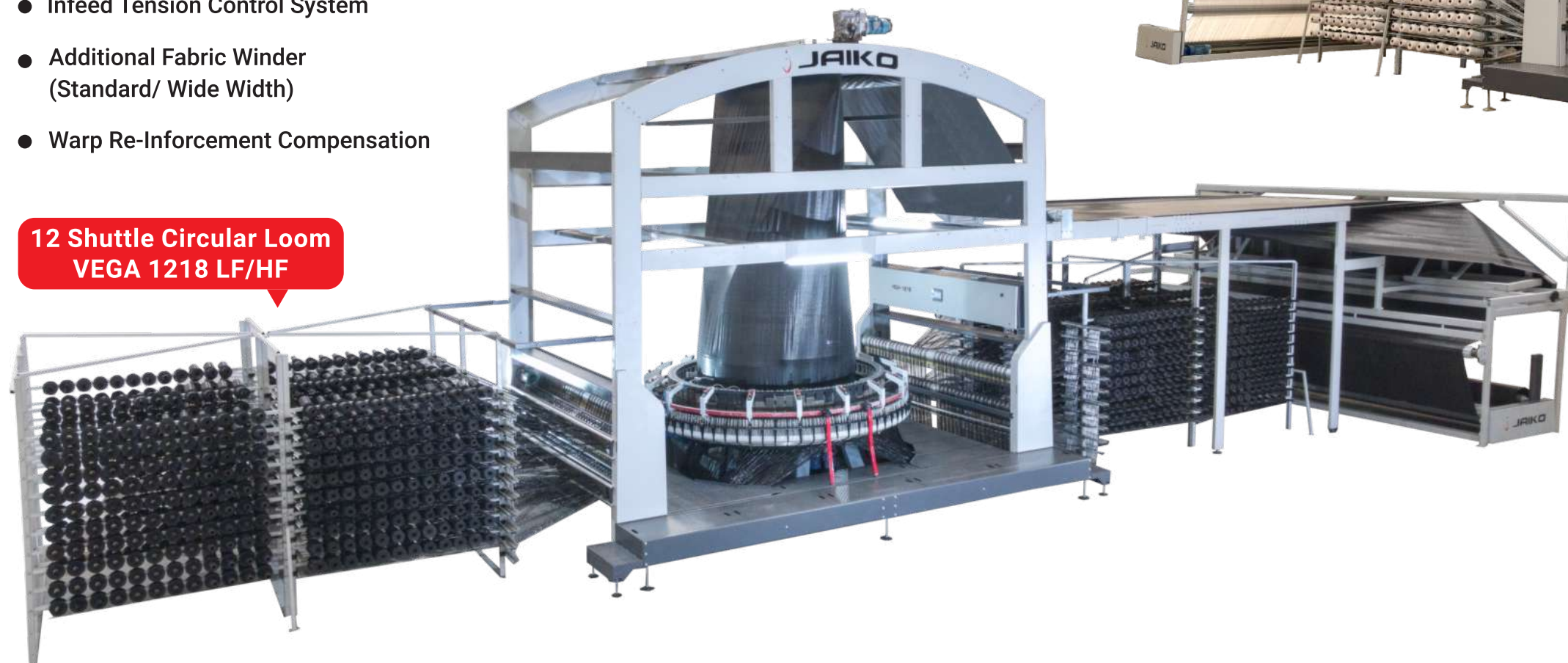
- Gussetting Device
- Fabric Slitting (Thermal/ Ultrasonic)
- Loom Data Monitoring System
- Infeed Tension Control System
- Additional Fabric Winder (Standard/ Wide Width)
- Warp Re-Inforcement Compensation

**8, 10, & 12 Shuttle Looms** are designed for weaving fabrics using **PP / HDPE tapes**, perfect for producing both **Heavy Fabric** and **Light Weave Fabric** for a wide range of applications such as Tarpaulin, Lumber Wrapping, Jumbo Bags (FIBCs), Geomembrane, Geotextile, and Synthetic Roof Underlayment etc.

**10 Shuttle Circular Loom**  
**JAIKO 1016 LF/HF**



**12 Shuttle Circular Loom**  
**VEGA 1218 LF/HF**



#### APPLICATIONS



Tarpaulin



Geotextile



Geomembrane



Synthetic Roof



Jumbo Bag



Lumber Wrapping