

TECHNICAL SPECIFICATIONS			
MODEL	VEGA 6	VEGA 6HS	VEGA Star
Working Width - Double Flat	30 to 90 cm	30 to 90 cm	30 to 84 cm
No. of Shuttles / Loom	6	6	6
Weft Insertion Rate	1000 ppm*	1100 ppm*	1200 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	576 / 720	576 / 720	588 / 672
Winding Roll Diameter	1500 mm	1500 mm	1200 mm
Dimensions (L/W/H) (meter)	576 - 9.12 / 2.79 / 3.03	576 - 9.12 / 2.79 / 3.03	588 - 9.40 / 2.79 / 3.03
Dimensions (L/W/H) (meter)	720 - 9.68 / 2.79 / 3.03	720 - 9.68 / 2.79 / 3.03	672 - 9.68 / 2.79 / 3.03

  

MODEL	JAIKO 608 LF	VEGA 608 LF/HF	VEGA 609 LF/HF
Working Width - Double Flat	80 to 120 cm	80 to 130 cm	85 to 140 cm
No. of Shuttles / Loom	6	6	6
Weft Insertion Rate	780 ppm*	860 ppm*	680 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	1080	1008 / 1176	1296 / 1440
Winding Roll Diameter	1200 mm	1200 mm	1200 mm
Dimensions (L/W/H) (meter) LF	1.29 / 3.11 / 3.84	1.29 / 3.11 / 3.84	1.13 / 3.40 / 4.18
Dimensions (L/W/H) (meter) HF	—	1.35 / 3.11 / 3.84	1.25 / 3.40 / 4.18

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.

# 6 SHUTTLE

## Circular Loom



JP Group provides an extensive range of circular looms designed for weaving light weight to heavy weight tubular or flat PP/HDPE fabrics, catering to a diverse array of end-use applications.



Our 6 Shuttle Loom comes with Working Width of 30 cm to 140 cm\* & Weft Insertion Rate of up to 1200 ppm\*. (\* Depending on the model selected). These looms are specifically designed to weave both light fabric (LF) and heavy fabric (HF).

Vega Star is 6 shuttle high speed loom designed with a direct drive system which consumes less power as compared to traditional AC induction motor, reducing regular consumables of standard looms and providing smooth operation with higher efficiency.



VEGA Star



VEGA 609 LF/HF

The LF version is designed for lighter fabrics, and is used in packaging applications such as sugar bags, food & grain bags, cement bags, mineral & chemical bags, fertilizer bags, as well as bale wrapping and packing husk or cattle feed packaging in PP or paper-coated bags.

The HF version is designed for heavier fabrics, perfect for jumbo bags (FIBCs), tarpaulins and geotextile applications, ensuring durability and strength for demanding industrial needs.



Cement Bags



Chemical & Fertilizer Bag



Food & Grain Bags



Jumbo Bag



**DOUBLE DECK WINDER :**  
The Double Deck Winder is a space-efficient solution designed for winding separate layers of slitted fabric on both sides. It features a compact double-deck mounting system, specifically tailored for standard-width fabric surface winders.



**HMI:**  
PLC based control system for easy operation of machine which shows various machine data like shift production, breakages and machine statistics. various operational parameters can be adjusted easily.



**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)