

valvomatic 40

valve bag conversion machine

Automated Production of Valve Bags

Excellent Dimensional Accuracy of Valves

Saves Manpower, Material & Space

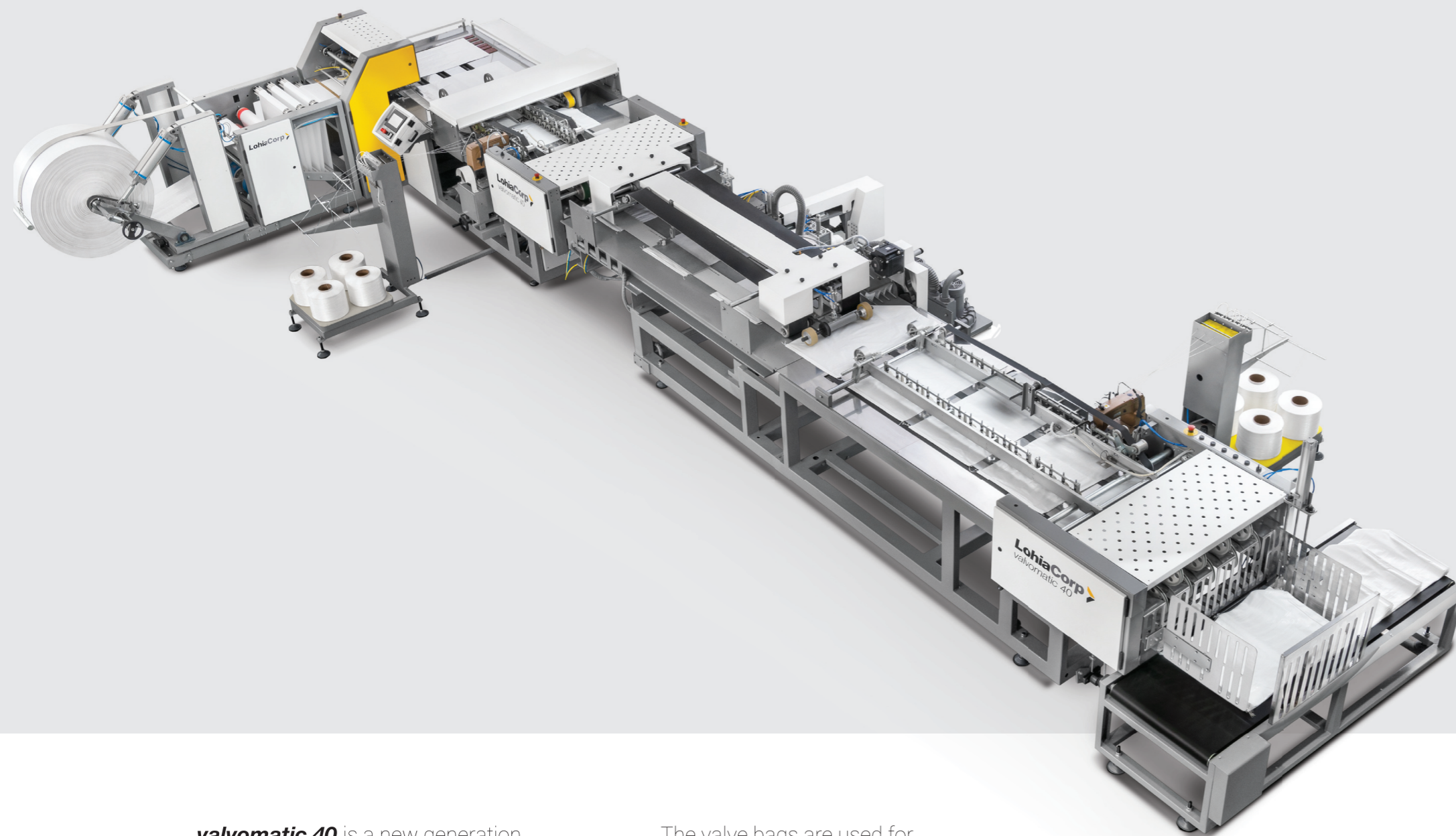
Increased Efficiency at the Packing Stage



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Produces both side stitched valve bags from tubular woven fabric automatically



valvomatic 40 is a new generation high-speed conversion line with servo and PLC-based control system to ensure smooth production up to 40 valve bags per minute with high efficiency. This machine can process both laminated and non-laminated fabric.

The valve bags are used for conventional cement bags, pulverous and granular material such as foodgrains, salt, sugar, chemicals fertilizers, minerals, etc.

OPTIONAL EQUIPMENTS

- Cold cutter (for laminated fabric)
- Static charge eliminator
- Perforation device

Production Speed upto 40 bags/min*	Unwinding Fabric Roll Width 470 - 520 mm
Cutting Length 850 - 1050 mm	Cutting Length Accuracy (unprinted fabric) ±1 mm



UNWINDING UNIT

Edge Position Control Unit (EPC) automatically makes minor adjustments to align the web with precision.
Easy Mounting of the tubular woven fabric roll without any external lifting device.



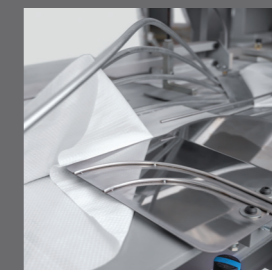
ACCUMULATOR UNIT

Print Mark Sensor helps in precise cutting of the fabric.
Uniform Tension: This unit keeps a reserve of extra length of fabric during continuous unwinding to maintain uniform tension of fabric.



HOT CUTTING UNIT

Mouth Opening Device helps in opening of leading edge of the cut length. It is suited for un-laminated fabric.
Cut Preset Length: The servo motor helps in precise cutting of the fabric at preset length.

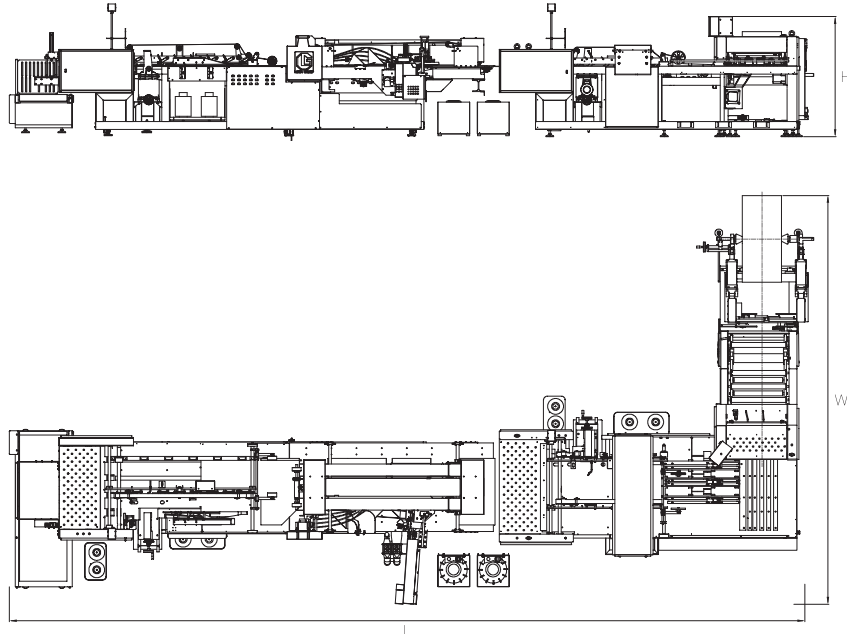


TRANSFER SYSTEM

Valve Forming: The servo control transfer system delivers the bottom folded and stitched bags to the valve forming unit. After valve forming the top end of the bag is double folded, stitched and then delivered to the stacking unit.

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Width of Unwinding Fabric Roll	470 to 520 mm
Diameter of Fabric Roll (max.)	1300 mm
Internal Diameter of Core	70 - 115 mm**
Replacement of Fabric Roll	Pneumatic System
Cutting Length	850 - 1050 mm
Cutting Length Accuracy	±1 mm for Unprinted Fabric
Top Folding Width	45 mm (Option - 40 mm)
Bottom Folding Width	25 mm (Option - 22 mm)
Stitching Type	Double Stitch
Range	4 - 9 mm for Top Stitch 4 - 9 mm for Bottom Stitch
Valve Depth	210 - 240 mm
Valve Width	90 - 120 mm
Production Speed	Upto 40 bags / min*
Dimensions (L x W x H)	10.1 x 5.2 x 1.5 m

*Depends on width, quality of fabric used including winding & PP multifilament stitching yarn etc.
**Other options on request.

Cut length accuracy for printed fabric varies with deviation in cut mark. 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 pictures may show optional equipments that are not a part of the standard supply. For details, refer to the quotation.

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