

## **BCS 850/52**

Automation Powered by



# Automatic Woven Bag Cutting and Stitching Machine

## Bag Conversion System

- High Speed Production
- High Power Efficiency
- High Precision Cutting, Folding & Stitching
- Low Maintenance Cost







(Scan to Watch Demo)

Automation Powered by



Production Speed  
**up to 40 Bags/min\***

Unwinding Fabric Roll Width  
**300 - 850 mm**

Cutting Length  
**430 - 1320 mm**

Cutting Length Accuracy  
**+/- 1 mm**

## BCS 850/52

Efficient, Fast and Automatic Conversion of Roll to Bags



### UNWINDING UNIT

#### Easy Mounting:

The unwinding unit is designed in such a way that circular woven fabrics can be easily mounted without the need for external lifting equipment.

#### Edge Position Controller (EPC):

EPC automatically adjusts the web for precise alignment.

### ACCUMULATOR UNIT

#### Uniform Tension:

A reserve of extra fabric length is kept in this unit during continuous unwinding to ensure that the fabric remains uniformly tensioned during the entire process.

#### Print-Mark Sensor:

Helps in precision cutting of the fabric.

### CUTTING UNIT

#### Cut Customized Length:

A servo motor aids in cutting the fabric to a predetermined length with minimum cut length variation

**Hot Cutting:** For Un-Laminated Fabric

**Cold Cutting:** For Laminated Fabric

#### Mouth Opening Device:

Make sure the cut-length edge can be easily opened.

### FOLDING & SEWING UNIT

#### Sharp Folder Mechanism:

Ensures precise bottom fold of fabric.

#### Auto Switch-off:

Sewing machine automatically stops when cut-pieces are not received.

#### Thread Cutter Unit:

Electronic sensors ensures smooth thread cutting.

### OPTIONAL EQUIPEMENTS

- Zig-Zag Cutter
- Double Folder
- Twist Gusseting Unit
- D-Punch Station
- Cold Perforation Unit
- Servo Based Cold Cutter

### APPLICATION

- PP/HDPE Woven Sacks (Laminated & Un-laminated)
- BOPP Bags
- Leno Bags

### SUITABLE HIGH SPEED HEADS

- Gabbar BM 702
- Newlong DKN-3WGP

### KEY FEATURES

- Complete **Mitsubishi** Japan Make Automation (Servo, PLC, HMI & VFD) & Schindler make switch gears
- Festo Make Rodless Cylinder operated Cold Cutting System for Laminated Fabric
- Alloy Steel Made Hot Cutter for Un-laminated Fabric
- Noiseless Clipper System.
- Shift wise, Daily and Monthly **Production Report**.



**Woven Bags**

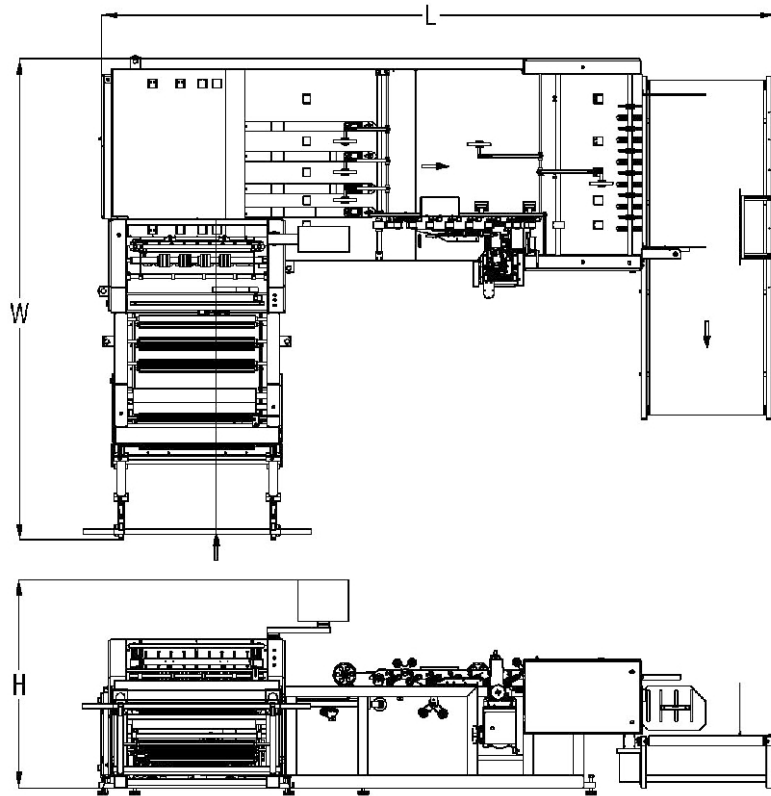


**BOPP Bags**



**Leno Bags**

# BCS 850/52



## TECHNICAL SPECIFICATIONS

Width of Unwinding Fabric Roll	:	300 to 850 mm
Maximum Diameter of Fabric	:	1300 mm
Cutting Length	:	430 to 1320 mm
Cutting Length Accuracy	:	± 1 mm
Bottom Fold Width	:	20 - 30 mm **
Stitching Type	:	Single & Double Stitch
Stitching Range	:	4.0 - 9.0 mm
Production Speed	:	Upto 40 bags / min*
Dimension (L x W x H)	:	17.5 feet x 13.5 feet x 5 feet

\* Depends on width of fabric, material used, no. of fold and stitches, etc. (More speed is achievable with Gabbar BM 702 or Newlong DKN-3WGP Stitching Head.)

\*\* Adjustable for Single folder only

Specifications are subjected to change without prior notice, due to continuous developments.

Extreme values indicated are not achievable simultaneously.

The picture may show optional equipments that are not part of a standard supply.

For more details, refer to the quotation

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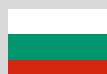
Ivory Coast



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