



## Automatic Woven Bags Conversion Line

**Regd. Office & Works:**

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T: +91 79 2562 5772 || Fax: +91 79 2562 1048 || M: +91 80008 55577

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An ISO 9001:2008 Certified Company

## Model No.: **NT-CS-3W**

### Description

**N-TEX Automatic Woven Sacks Roll to Bag Conversion Line** complete with all standard components and standard accessories.

### Areas of Application

To Make / Cut and Stitch

- ❖ **Laminated / Non Laminated HDPE / PP Woven Sacks Raffia Bags from Woven Sacks Roll**

### Production Capacity

Up to 28 to 50 Bags / Minute (Speed depend on Bag Cut Length / Size)

### Special Feature

**Magnetic Bag Griper at 90°**

### Main Feature

Equipped Two Servo Motor & 90° Transfer Clipper

### Major Specifications

- ❖ **General Performance**

Diameter of Unwinding Cloth	1400 mm Maximum
Width of Unwinding Cloth	300 – 850 mm Applicable
Cutting Length	500 – 1400 mm Applicable
500 – 1400 mm Applicable	± 1 mm
Production Capacity	28 - 50 Bags / Minute (depend on the bag Cut Length / Size)

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❖ **First Feeding Roller**

Driven Motor	1 HP AC Motor With Inverter Control
Feeding Type	Auto Control, Non-Stop Feeding Type
Tension Control	Dancing Roller

❖ **Second Feeding Roller (Cutting Length Feeding)**

Driven Motor	<b>Mitsubishi</b> 3 HP Servo Motor
Feeding Speed	Auto Changing Control By Production Setting

❖ **Cutting Unit**

Cutting Knife	Flat Type High Quality Alloy Steel Cutter
Bag Mouth Auto- Open Device	1 Set
Cutter Driven Type	Crank Driven Type
Cutter Driven Motor	1 HP AC Motor With Inverter Control
90 Degrees Transfer Unit	
90 Degrees Transfer Type	4 Sets of Grippers with Magnets Moved through Sliding Tracks
Driven Motor	Mitsubishi 3 HP Servo Motor

❖ **Folding & Sewing Unit**

Sewing Unit	New Long DKN-3W (Double Stitching)
Stitching Range	5.0 – 9 mm
Folding Device	Single Fold
Folding Width	20 – 30 mm Adjustable
Main Conveyor Driven Motor	1 HP AC Motor With Inverter Control
Sewing Machine Driven Motor	1 HP AC Motor With Inverter Control

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❖ **Stack & Delivery Unit**

Bag Delivery (Every 25 or 50 bags)	Counting Stack Type Belt Conveyor ( <b>Improved</b> )
Bag Delivery Driven Motor	1/2 HP AC Motor With Magnetic Brake

❖ **Control System**

<b>Conch (Taiwan)</b> Display Screen Interface
<b>Keycene (Japan)</b> PLC Control Type

❖ **Standard Accessories/Equipment:**

Sewing Thread Broken Alarm	Enclosed (4 sets for Double Stitching)
EPC (Edge Position Controller)	Enclosed (Hydraulic Type)
Mark Reading Sensor (For Pre-printed Roll)	Enclosed

❖ **Power Consumption**

Rated Power Capacity	11.4 kw
Actual Power Consumption	9.4 kw

❖ **Dimension**

Length	Width	Height	Weight
4850 mm	3880 mm	1180 mm	2300 Kgs

❖ **Optional Equipment (Not included in the amount)**

Double Folding Device	US\$ 500- (NET)
Cold Cutting System	US\$ 600- (NET)
Zigzag Type High quality alloy steel Cutter(incl. cutting frame & tubular heater)	US\$ 700- (NET)
3HP Air Compressor	US\$ 1,000- (NET)
Anti-Static (Static Eliminate) Device(Double Sides)	US\$ 400- (NET)
Voltage Regulator 15KVA, 3 phase	US\$ 800- (NET)

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❖ If without DKN-3W Sewing Head : - US\$ 3,100 per machine

❖ Spare Parts : 1 Lot (Free Of Charge)

Sr. No	Item	Quantity
1.	Air Solenoid HURODA RCS-2406	1 Nos
2	Air Cylinder $\text{Æ}$ 32 x 20 CA	1 Nos
3	Speed Controller PT 1/8"	2 Nos
4	Speed Controller PT 1/4"	2 Nos
5	Conveyor Belt 50 x 3000 mm	1 Nos
6	Timing Belt	1 Nos
7	O Ring Belt	2 Nos
8	Temperature detector	1 Nos
9	Photo Sensor 4N3712	1 Nos
10	Photo Sensor WO-DNPW2	1 Nos
11	Gripper	1 Set
12	Needle For Sewing Machine	5 Nos
13	Silicone Piece	2 Nos

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