

FULLY AUTOMATIC TOTE BAG FILLING SYSTEM

THS-30/55^{MD}

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PRESENTATION

Robovic's automatic big bag filling system is intended for **high speed production**. Fully automatic, this system fills big/tote bags **from hooking to closing**.

The distinction attributed to the automatic filling system resides in picking up the bag **directly from a pile**. The bags are then stacked on top of one another on the pallet.

This system was developed to **handle various products** such as : grain, powder, aggregate and granular products.

FEATURES & ADVANTAGES

- **Fully automatic** system.
- Maximized speed.
- Automatic bag feeding.
- Bag pick up directly from pile.
- Various piling.
- Automatic bag discharge.
- **Constant** and **precise** weighing.
- No mechanical adjustment required.
- Bags from **500 kg to 2 tons**.
- Production speed : from **30 to 55 totes/hour**.

FULLY AUTOMATIC TOTE BAG FILLING SYSTEM

A UNIQUE SOLUTION DEVELOPED BY ROBOVIC

The THS system operates with maximum **robotic capacity**. A first robot locates and assures bag pick up, one at a time, from one of two piles then **positions it precisely** on the bag support.

A second robot positions the bag to the filling spout and ensures to guide the previously filled bag to the closing system.

The system incorporates a hopper, weighing modules, a spout specifically designed for automatic operations and a vibrating elevator adaptable to your product.



OPTIONS

- Stacking manipulator for 1 to 4 bags per pallet.
- Wrapper.
- Automatic pallet distributor.
- Slip sheet.
- Top sheet.
- Tagging on one or two sides of the bag.

DATA SHEET

Model	THS-30	THS-55
Production capacity:	30 bags/hour	55 bags/hour
Stacking capacity:	1, 2 or 4 bags/pallet	
Bag dimensions:	Typical 43" X 43" X 23" height 65"	
Capacity:	From 250 to 1500 kg (2000 kg optional)	
Bag type:	Open mouth bag	
Bag closing:	Fishbein sewing	
Air flow:	100 PSI	
Air pressure:	15 SCFM	30 SCFM
Power supply:	460 - 575 VAC 2 x 15 A, 1 x 20A 120 VAC 1 x 15A, 1 x 20 A	460 - 575 VAC 1 x 60 A, 2 x 15A 120 VAC 1 x 15A, 1 x 30 A
Robots:	ABB with IRC5 controlor	