

North America, Inc.

FSA / ASF Shrinkwrapping Systems



Möllers North America, Inc. • 5215 52nd Street, SE • Grand Rapids, Michigan USA 49512

Phone 616/942-6504 • Fax 616/942-8825 • E-mail: Mollersna@mollersna.com • www.mollersna.com

Description

Shrinkwrapping has proven to be a highly effective and adaptable method of protecting and securing a wide variety of unit loads during shipping. Depending on your working environment, Möllers shrinkwrapping systems are available with either electric or gas heated shrink frames. Electric shrink frames are ideal where gas shouldn't be used for safety reasons.

FSA Film Placing



Patented non-contact hood placement

ASF Film Shrinking



The shrink frame is lowered and raised to evenly shrink the entire hood over the load.



Features

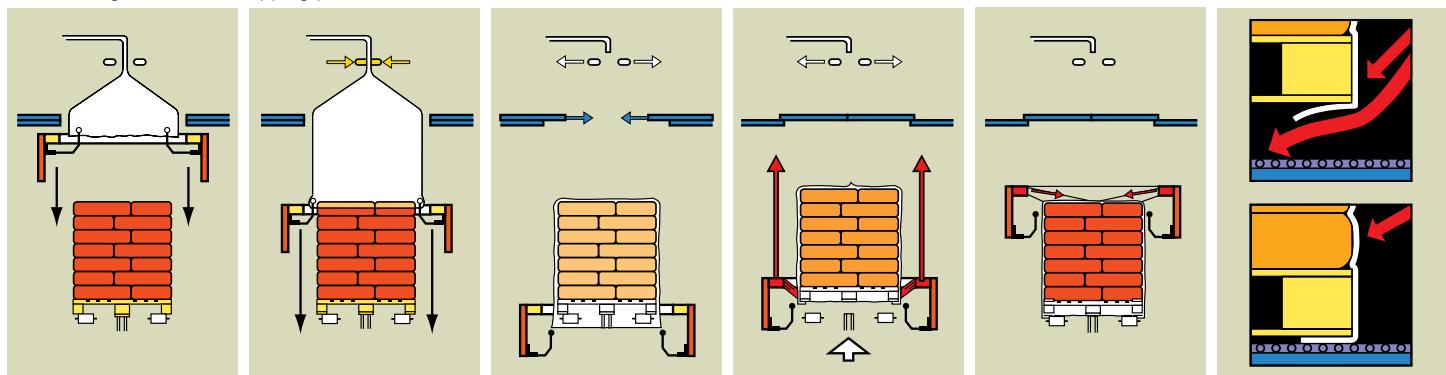
FSA Film Placing Station

- A height detector measures the load to automatically size the hood accordingly.
- Hoods are made from a supply reel of gusseted tubular film; hood length is adjustable to suit the load height, reducing material waste.
- Patented non-contact system for film guidance prevents displacement of light packages or damage to the film and corners of the load.

ASF Film Shrinking Station

- A hydraulic elevator raises the pallet load which allows the film to achieve the under pallet shrink.
- Under-pallet shrink reinforces the bond between the load and the pallet, increasing stability.
- System can handle 60 - 80 loads per hour.
- Shrink film can be changed in less than five minutes.
- Shrink frame can be adjustable to accommodate varying load sizes.

Film Placing and Shrinkwrapping process:



1 Load size is measured and film is opened and placed onto tensioning fingers.

2 Required length of tubular film is withdrawn. Film is cut and sealed to form a hood.

3 Tensioning fingers lower hood onto the load with the patented, non-contact placement method.

4 Load is positioned into the shrinkwrapping station; the load is raised and the shrink frame is lowered to evenly shrink hood.

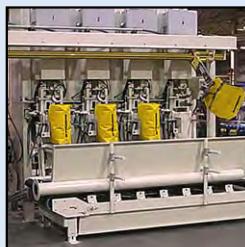
5 Shrink frame in top operating position allows the shrinks the upper surface of the load and the process is complete.

Detail of under pallet shrink process.

Complete Systems from One Source

Möllers North America also offers Valve Bag Packers and Placers, Conventional and Robotic Palletizing Options and Stretch-Hooding and Shrinkwrapping Systems for load protection and unitization.

Pack



Automatic placement and filling of valve bags

Palletize



Automatic palletizing of up to 3,000 bags per hour

Protect



5-sided protection with superior load unitization