

MNA Key Benefits

- Priority and commitment toward Customer Satisfaction, by providing excellent Customer Service & Superior Equipment.
- Mollers has over 55 years of experience with thousands of installations throughout the world across dozens of industries and materials handled.
- We provide the Original Manufacture Part Numbers on the Bill of Material list with each system sold.
- All Systems are pre-assembled and tested within our manufacturing facility, prior to shipment.
- Overall design of our Systems incorporate 'easy access' to moving parts for practical servicing and maintenance.
- All components used within our Systems are rated for at least 1.5x their actual function, thus promoting reliability, durability and performance.
- Flexibility with incorporating non-standard components per the Customers request.
- Offer a 24 hour emergency hotline for after hour's service issues.
- One Source Solution – Designing, manufacturing, servicing and spare-parts from one source in Grand Rapids, MI.

Palletizers:

- Extensive System Portfolio which can accommodate a wide range of materials, bag types and speed rates ranging from 300 to 3,000 Bags Per Hour.
- Tubular frame design with heavy-duty metal construction results in a rugged longer lasting durability in the most challenging applications and environments.
- Layer-squaring system with 'fork guides' ensure consistency. This design will square all 4 outer sides of each layer, building a sturdy uniformed layer outline throughout the load building process. This system is automatically adjustable with linear actuators to accept different layer's width and/or length.
- Independent Layer Press System (PLS only). This design applies adjustable compression with a 6" bore 10" stroke air cylinder. The unique design of the independent layer compressing plate applies the same pressure to each layer of the pallet load, without stressing the split plate, tracks or bearings.
- Floating Split Plate design (PLS only) – Entire Split Plate frame rests on pins, which offers a safety feature should the Pallet Elevator ever fail. In the event that the Pallet Elevator makes contact with the Split Plate, the entire 'Floating Split Plate' will simply rise and the system will shut down. This design eliminates potential damage, especially when compared to designs that apply regular stress on the Split Plate when they also serve the function of 'Layer Flattening.'
- Counterweighted design with the Pallet Elevator. This design puts less stress on the lift motor and chains, promoting a longer life cycle and less maintenance requirements.
- Incorporated the latest electronic technology, which promotes an Operator Friendliness and optimizes performance. Utilize a color touch-screen Operator interface with complete operational functions, corrective diagnostics and a preventive maintenance schedule. Our standard PLS is Allan Bradley Compact Logix. Where applicable, variable frequency or servo drives are incorporated.

Stretch-Hooders:

- Extensive System Portfolio which can accommodate a wide range of materials, load sizes and speed rates ranging from 5 to 100 Loads Per Hour.
- Tubular Frame design with Heavy-duty metal construction results in a rugged longer lasting durability in the most challenging applications and environments.
- Stretch-Arm design incorporates Jack-Screw to stretch the Film, which have a capacity rating 5x above their actual function. This design eliminates the need for Hydraulics, which inevitably will leak.
- The Stretch-Arm design can also incorporate an 'Auto-Adjust' feature, which spreads the Arms to accommodate both rectangular and square loads. Photo-Eyes at the in feed automatically identify the particular load size, which automates the 'Auto-Adjust' feature.
- Counterweighted design for the Stretch-Arm Frame. This design puts less stress on the lift motor and chains, promoting a longer life cycle and less maintenance requirements. This also provides a safety feature by eliminating the potential of a 'free-fall,' should the lift system ever fail.
- A 'Load Height Scanner' (Sonar) fully automates the Systems ability to accommodate differing pallet load heights, by producing the required size.
- A 'Dual Head' feature allows a single System to source from multiple sized Film Rolls. When a Customer has a wide range of sizes (4' x 4') & (4' x 8'), a Dual Head System will automatically Stretch-Hood the differing sized loads with the appropriate sized film.
- Under-Load Stretch capability. A slat conveyor which allows the load to over-hang at the sides, allows the System to stretch the film underneath the load. This process allows for a 4-sided under-pallet retention.
- Five-Sided load protection. The ultimate result of Stretch-Hooding is delivering a 5-sided (top+4sides) sealed protection. This process also provides superior unitization capabilities by holing the load together from the top to bottom.
- Incorporated the latest electronic technology, which promotes an Operator Friendliness and optimizes performance. Utilize a color touch-screen Operator interface with complete operational functions, corrective diagnostics and a preventive maintenance schedule. Our standard PLS is Allan Bradley Compact Logix. Where applicable, variable frequency or servo drives are incorporated.
- Will provide Customers with a list of 'Approved Film Suppliers.' This list represents suppliers that have passed rigorous testing on our Stretch-Hooding System, as well have a proven track record of providing reliable film product to our Customers.