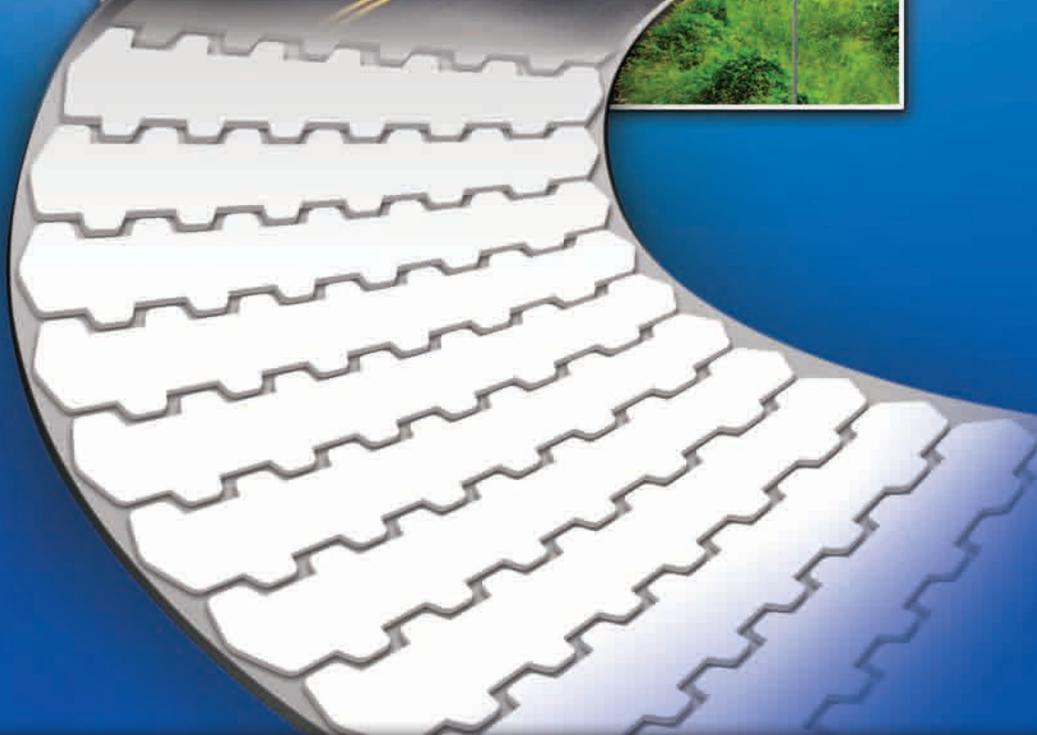




**MODU CONVEYORS**  
Help Drive Down Costs  
*and*  
Speed Up Your Process



# About MODU System *America LLC*



## A Simple Concept - *Modular and Flexible*

**MODU System** America LLC meets the ever-increasing demand for conveyors that are easy to install and reconfigure. Our conveyors, machines and systems are custom-built in our 5,000-square-foot facility located in the historic Williamsburg, Virginia, area.



## Automation Solutions - *Custom-Built for You*

Traditional conveyors use a combination of belts and rollers which are difficult to install and configure. MODU conveyors are modular in design which makes them simple and easy to install. Once installed our systems can easily be reconfigured to meet the increasing production demands needed as production rates increase or change. **MODU System** uses standard components, which are in stock and ready to be shipped within days. The full MODU product portfolio includes the following modules:

- Aluminum and Stainless Steel Conveyors
- Accumulation Tables
- Elevators and Lowerators
- Walk-under
- Grippers
- Alpines



## Cost Effective - *Increase Production Efficiency*

The modular design of MODU conveyor systems not only allows for ease of use, but also is highly cost effective. Our high-quality product is generally 20% - 30% lower than competitors' products. With the **MODU System** America LLC price guarantee, we will beat any competitor's quoted price by a minimum of 20%.



## Innovation - *A Never-Ending Process*

As a product-driven and growth-oriented company, **MODU System** places great emphasis on product development and engineering applications. Utilizing cutting-edge technology to spearhead continuous product development and research, we have been able to fulfill customers' demands in terms of products and solutions. This, in turn, has helped to enhance our clients' competitiveness in the market.

To learn more about MODU System America LLC, to request a quote or to inquire about available sales territories, visit us online at [moduUSA.com](http://moduUSA.com).



# Conveyor *Systems*

## MODU M Series - *Standard Conveyor Size*

The M Series Conveyor System is based on an aluminum profile beam guiding a plastic chain.

- Width ranges from 63 mm to 300 mm
- Plastic chain travels on low-friction plastic extruded side rails
- Products ride directly on the chain or on pallets



Chain Width 2.5"



Chain Width 3.25"



Chain Width 5.5"



Chain Width 8.7"



Chain Width 12"

## Chain Top - *Options*

We offer multiple chain top options for a variety of applications using POM as the standard chain material (Anti-Static and Kevlar available upon request).

**NOTE:** Options for chain top are applicable as below.

- MS2 : Plain Chain, Flocked Chain & Friction Chain
- MM3: All the shown options
- ML2 : Plain Chain, Flocked Chain, Friction Chain & Cleated Chain
- MX2: Plain Chain, Friction Chain & Cleated Chain
- MX1: Plain Chain, Friction Chain & Cleated Chain



## MODU D Series - *Thermoplastic Chain with Stainless Steel Frame*

The D Series Conveyor System has a structural stainless steel conveyor and uses our multi-flex plastic conveyor chain. The beam consists of two stainless steel profiles joined by connecting plates.

### Applications

D Series Conveyors are suitable for a wide range of applications, especially in industries where quick and easy cleaning is crucial.

- Packaged food handling
- Pharmaceutical industry
- Cosmetics industry

### Benefits of D Series Conveyors

- Easy to install
- Modular design
- Lightweight design



Chain Width 2.5"



Chain Width 3.25"



Chain Width 5.5"

## D Series Conveyor - *at work*



Packaged food processing line.

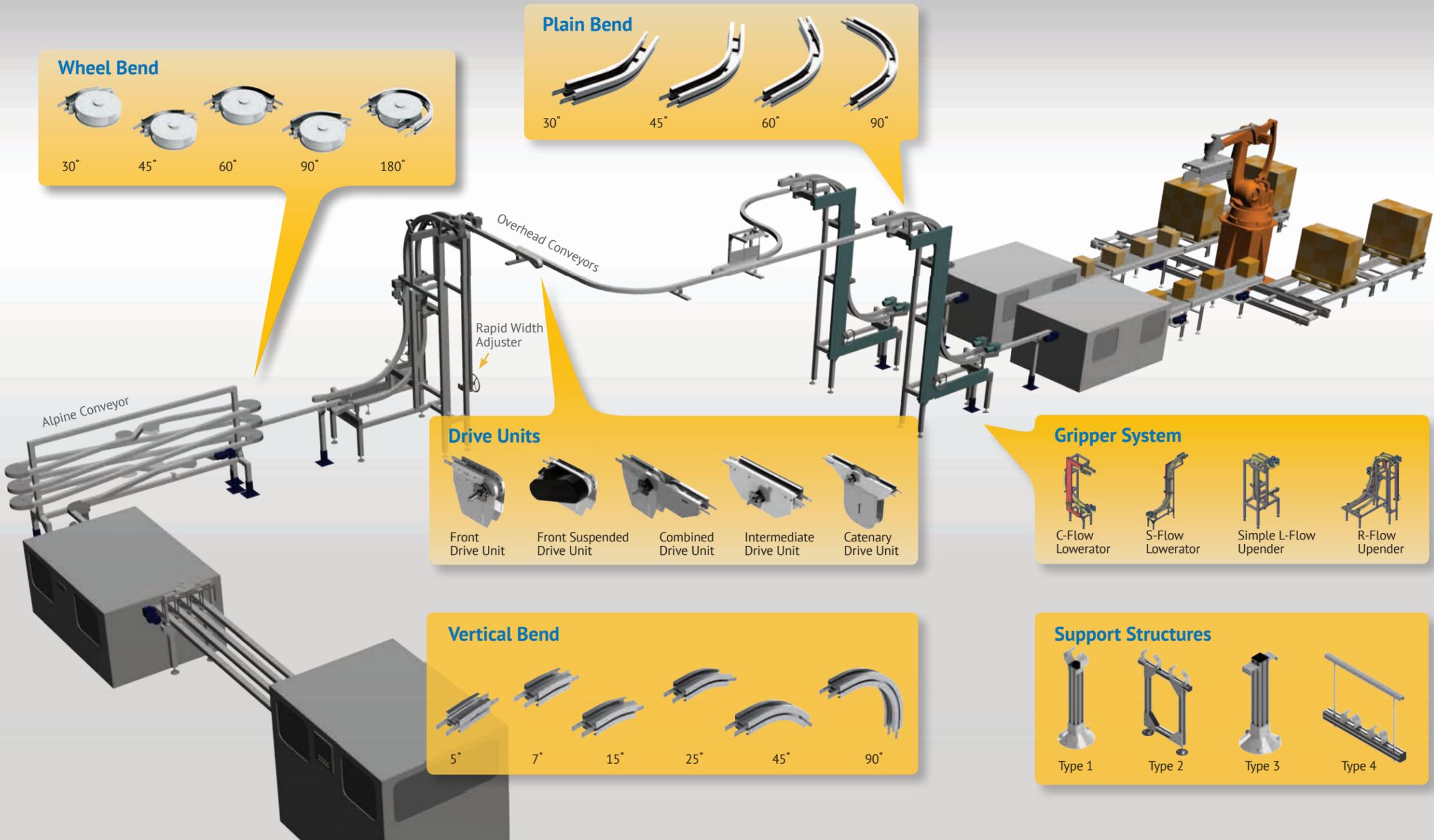


Multiple conveyor lines in dairy production.

- Low noise level
- Minimal dust accumulation
- Easily integrates with MODU devices

# Product Offerings

High-quality, custom-built automation solutions – that are engineered, assembled and tested in America.



## Wheel Bend



## Plain Bend



## Drive Units



## Gripper System



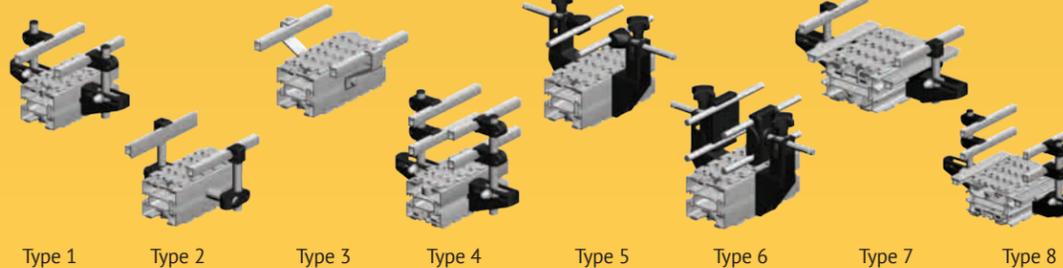
## Vertical Bend



## Support Structures



## Conveyor Guide



Technical Data	MS2	MM3	ML2	MX2	MX1
Chain width	63 mm	83 mm	140 mm	220 mm	300 mm
Tensile strength at 20°C	3000N	5000N	6000N	6000N	8000N
Maximum working tension	600N	1000N	1300N	1300N	1400N
Working temperature	-10°C to 60°C				
Recommended running speed	3-60 m/min				
Max. conveyor length (depends on layout)	30 m				
Minimum turning radius	150 mm	160 mm	200 mm	500 mm	700 mm

## Handling Solutions

Increase production efficiency with our reliable and flexible material handling solutions.



Tea Bag Production Line



Alpine & Storage System



Composite Can Production Line



Puck Handling

## Special Devices



Traffic Controller



Centering Device



Driven Transfer Roller



Rapid Width Adjustment (RWA) (manual/motorized)

## Additional Products



Accumulation Conveyor



Mat Top Conveyor



Gripper Conveyor System



Bi-directional Accumulation Table



## Food & Packaging Industry

- |                       |                     |
|-----------------------|---------------------|
| Tea                   | Ice Cream           |
| Cereal                | Sugar               |
| Metal Cans            | Potato & Corn Crisp |
| Paper Cans            | Chocolate Powder    |
| Confectionery         | Yogurt              |
| Margarine/Butter/etc. | Milk Powder         |
| Snacks                | Instant Noodles     |
| Biscuits              | Health Drinks       |
| Glass Bottles         | Juices              |
| Soft Drinks           |                     |

## Electronic & Electrical Industry

- Substrates
- Hard Disks
- Compact Disks
- LCD & LED Displays
- Mobile Phones
- Audio & Video
- Tablets
- Computers



## Paper Converting Industry

- Bathroom Tissue
- Paper Towels
- Wrapped Bags
- Wrapped Bundles

## Automotive & Machined Part Industry

- Oil Filters
- Gears
- Bearings
- Door Winding Sets
- Hard Disk Casings
- Air Conditioning Compressors



## Personal Product, Pharmaceutical & Chemical Industry

- |                    |                           |
|--------------------|---------------------------|
| Soap Bars          | Eye Care Products         |
| Body Lotions       | Shower Creams             |
| Toothpaste         | Hair Care Products        |
| Aerosols           | Health Supplements        |
| Puck Handling      | Powder & Liquid Detergent |
| Sanitary Napkins   | Detergent Pods            |
| Medical Dispensers |                           |

## Optical Lens Industry

- Eye Glasses
- Contact Lenses
- Camera Lenses
- Binocular Lenses
- Miscellaneous Lenses





# MODU CONVEYORS

Solutions *for* Every Phase  
of Your Production Line



[moduUSA.com](http://moduUSA.com) | (757) 250-3413

3601 La Grange Pkwy  
Toano, VA 23168-9348

FAX: (757) 250-3523  
[info@moduUSA.com](mailto:info@moduUSA.com)



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