

MID-WEST

MODULAR PALLETIZERS



JOHN MULHERN COMPANY
Sales Representative
800 Forbes Boulevard
South San Francisco, CA 94
Downey • Portland



MAKING THINGS **MOVE** IS OUR BUSINESS



MID-WEST

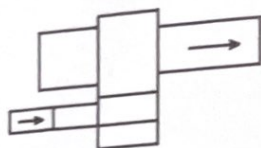
MODULAR PALLETIZERS

OFFERS

WITH AN EYE TO THE FUTURE

You can select an MW palletizer with the capacity you need for your present production. Future needs are then easily met by the addition of modular components.

MODELS

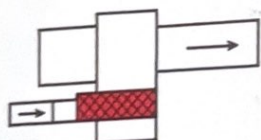


MW-30

SEMI-AUTOMATIC

30* CPM

Operator forms rows manually • Row Transfer and Layer Stripper are push-button controlled.

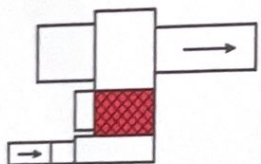


MW-40

FULLY-AUTOMATIC

40* to 60** CPM

An Automatic Row Forming module is added • A row is automatically formed and transferred to the Layer Stripper • Operator has only to select the loading pattern and push the start button.

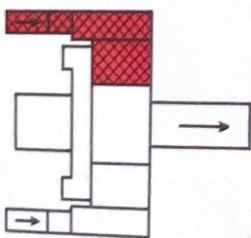


MW-60

FULLY-AUTOMATIC

60* to 80** CPM

A Layer Accumulation Table module is added providing increased rate by having a layer formed and ready ahead of the Layer Stripper • Operator has only to select the loading pattern and push the start button.



MW-90

DUAL-ENTRY AUTOMATIC

90* to 120** CPM

A second Row Forming Conveyor module and a second Layer Accumulation Table module are added, allowing two layer formations to occur simultaneously • Operator has only to select the loading pattern and push the start button.

*CPM, cases per minute, ratings are approximate and based on a standard 10-case pattern, 16 x 11 x 6 case size.

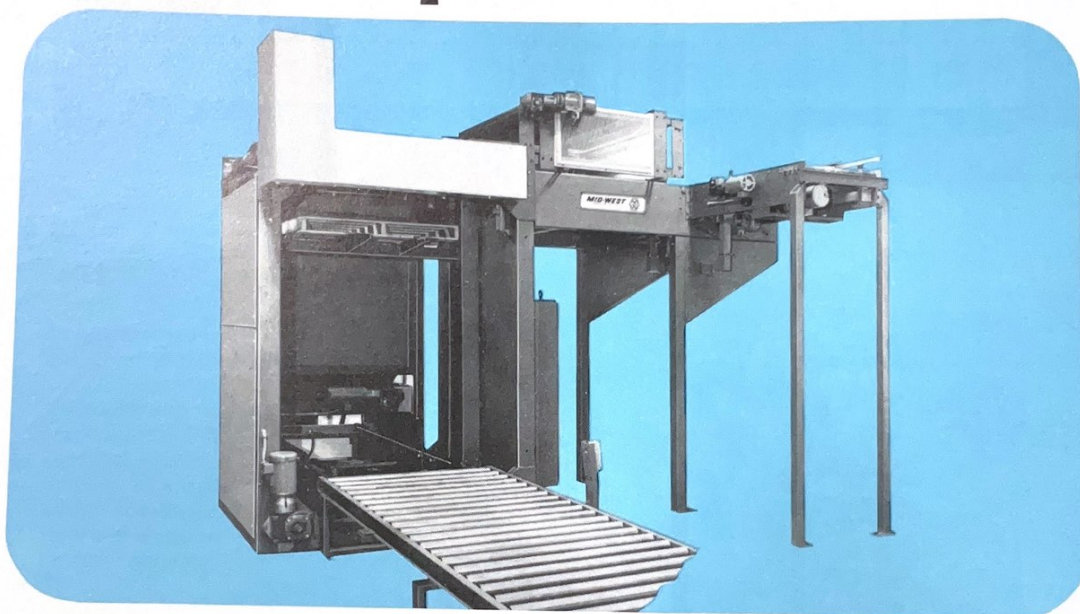
**Based on smaller than standard case size.

Automation Sales Company



PACKAGING MACHINERY SPECIALISTS

Now there's a new **all electric** modular palletizer



MID-WEST puts its 30 years of leadership in CUSTOM ENGINEERED MATERIAL HANDLING SYSTEMS on the line ... to bring you a COMPLETELY NEW and UNIQUE palletizer with ALL THE FEATURES you need for reliable performance ...

- ALL ELECTRIC, one power source, with solid state programmable controller to govern machine functions and pattern programming.
- MODULAR DESIGN allows you to buy economically for present needs, with the provision to add components when production rates increase.
- MAINTENANCE ENGINEERED to limit downtime.
- HIGH SPEED but careful case handling with rapid cycling ... 30 to 120 CPM.



**MID-WEST
CONVEYOR CO., INC.**

Subsidiary of **Conergics**
CORPORATION

Four different models, eight choices of configurations, in semi-automatic, fully-automatic or dual-entry automatic operation.

Write or phone for literature and details today!

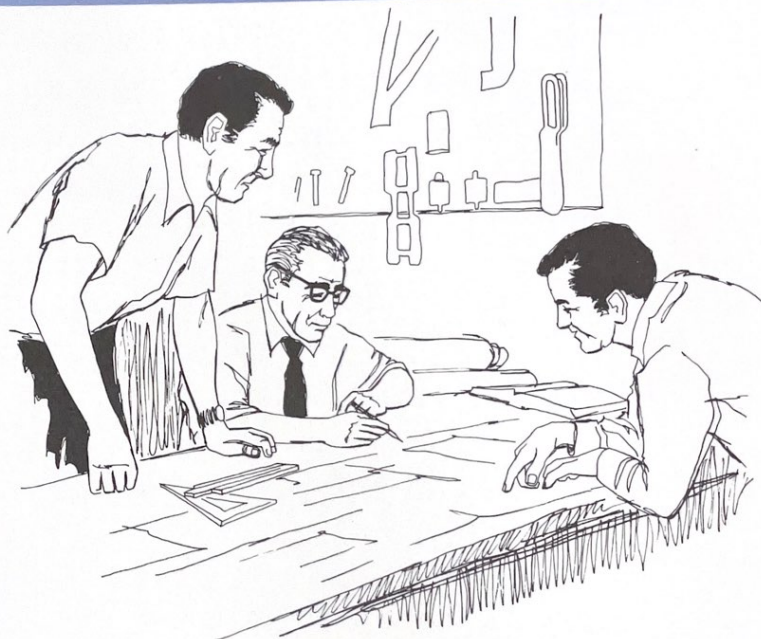
450 E. Donovan Rd., Kansas City KS 66115 • 913/321-5700

MW - SERIES PALLETIZERS

MODEL NO.	OVERALL DIMENSIONS			FLOOR SPACE	TOTAL H.P.
	L	W	H		
MW-30	23' 9"	9' 7½"	10' 0"	145 S.F.	9.75
MW-40	23' 9"	9' 7½"	10' 0"	145 S.F.	10.25
MW-60	23' 9"	14' 3½"	10' 0"	170 S.F.	11.25
MW-90	23' 9"	21' 9½"	10' 0"	225 S.F.	13.75

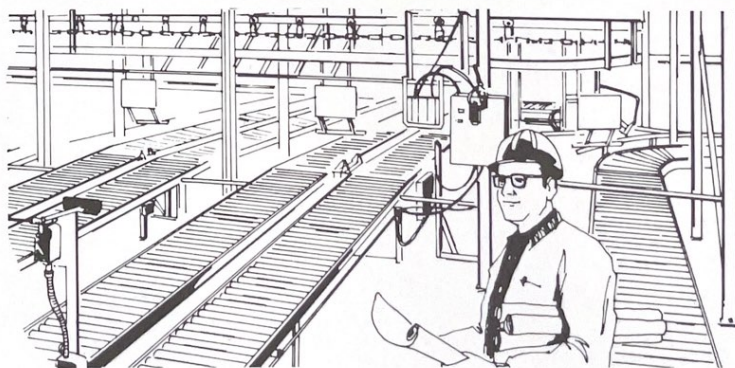
SYSTEMS

Engineered conveyor systems, **designed specifically** for your requirements, will help you realize the **maximum return** from your Material Handling Program. Whether your requirements are large or small, Mid-West offers a **single source** for **design, fabrication and erection** — geared to **fast, on-time delivery**.



INSTALLATION

Mid-West ships conveyor systems and field erection equipment from its **centrally located base of operations** to project sites, coast to coast. Field crews are **completely equipped** with powered and portable machinery and tools required for the work. Mid-West's Field Superintendents are **experienced installers**, and direct field installation with knowledge and authority.





TURNKEY PALLETIZING SYSTEMS

WITH AN EYE TO THE USER

Only Mid-West offers all these ADVANTAGES:

HEAVY DUTY All-steel rigid unitized frame • Engineered for severe duty and fabricated with heavy industrial parts.	MODULAR DESIGN Buy only the model that fits your immediate requirements. • Add modules to increase capacity as you grow.
ALL ELECTRIC One clean power source • No plant air required • No hydraulics • Positive, predictable, reliable and consistent operation.	HIGH SPEED Precision-built and designed for fast, careful handling • Rapid cycling.
SOLID STATE CONTROLS Fast pattern changes by selector switch • Compact • Dependable • Single control and power panel, pre-wired and pre-tested.	ECONOMICAL Installation requires no pits or holes in the floor • Saves manhandling and eliminates bottlenecks • Reduces carton and pallet damage to a minimum.
LOW MAINTENANCE COSTS Accessible moving parts • Simple trouble detection • Standard components • Easily maintained and cleaned.	MACHINE LOCATION FLEXIBILITY Eight arrangements of entry and discharge are available for each model.

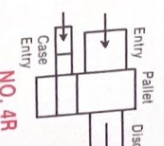
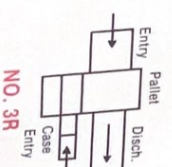
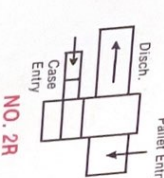
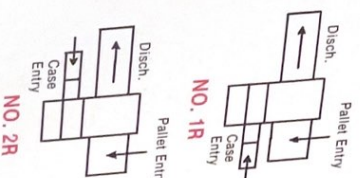
Just call or write for prompt personal service. Mid-West can help with evaluation, recommendations and firm proposals for your palletizer needs.

FROM YOUR CASE PRODUCTION LINES TO PALLETIZED STORAGE AND SHIPPING

OPTIONAL EQUIPMENT

- Infeed Case Conveyors
- Outfeed Pallet Conveyors
- Pallet and Slipsheet Dispensers
- Access Stairway (ladder standard)
- Open Flap Sensor
- Automatic Lubrication System
- Tier-Tyer Device
- Banding Equipment
- Case Inverter

LAYOUT ARRANGEMENTS



AVAILABLE SERVICES

- System Layout and Design
- Control Systems
- Complete Field Installation Service
- Turnkey Projects

Owners, contractors and consultants working with plant expansions, modernization of production lines and new plants have found that Mid-West skills can be of significant advantage to them.

Right-hand layouts shown, 1L, 2L, 3L, etc. are available.

PRODUCTS AND SERVICES

UNIT HANDLING CONVEYORS

Overhead trolley
Overhead power and free
Overhead tow
Belt, slider bed
Belt, roller bed
Belt, powered curve
Floor line, chain-on-edge
(handling 4-wheel dollies)
Chain, flat-top
Chain, two-strand
Pallet or car-type conveyor
Vertical lift, reciprocating
Vertical lift, continuous
Roller, gravity
Roller, live
Roller, pressure-free accumulation
Roller, slat
Slat

AUTOMATED MATERIALS HANDLING SYSTEMS for:

Processing plants
Warehouses
Assembly lines
In-process storage
Order filling
Receiving and distribution
Bulk storage and reclaim

PALLETIZERS

AIRLINE TERMINAL EQUIPMENT

BULK HANDLING CONVEYORS

Apron
Bucket elevators
Flight
Screw
Trippers
Stackers
Troughed belt
Vibrating equipment

PARTS AND ACCESSORIES

Overhead trolley drives,
turns, dips and take-ups
Troughing idlers
Rollers
Roller frames and stands
Work carriers
Chutes and hoppers
Bin gates
Speed reducers and gearmotors
Sprockets

STRUCTURAL STEEL FABRICATION

CONVEYORIZED DRYING OVENS

SERVICES

Oven flights and flight re-building
Equipment moving & installation
Millwright service
Complete erection service



PLANT FACILITIES



MID-WEST CONVEYOR CO.
450 East Donovan Road
Kansas City, Kansas 66115
913/321-5700



MID-WEST CONVEYOR CO.
West Huron River Drive
Flat Rock, Michigan 48134
313/962-4315

Founded in 1946 by a group of experienced conveyor men, *MID-WEST CONVEYOR* immediately established a reputation in Industry as an organization that completes a contract as specified, *on schedule*.

Today, after thirty years of steady growth, Mid-West's "Making Things Move is Our Business" is known across the Nation. The Company is equipped by organization and experience to provide *complete* and *expert* service in the field of conveyors and conveyor-related equipment.

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