

PALLET POD

PALLETIZING SIMPLIFIED



Handles loads up to
180 lbs (82kg)

Securely Stack:

Boxes
Bags
Trays
Kegs
Pails
Bails

Almost Anything!

RAISE the level of your production processes with our end of line palletizing solutions.

Reduce

your dependency
on manual labor

Accelerate

your **ROI**

Increase

production up-time,
productivity, quality

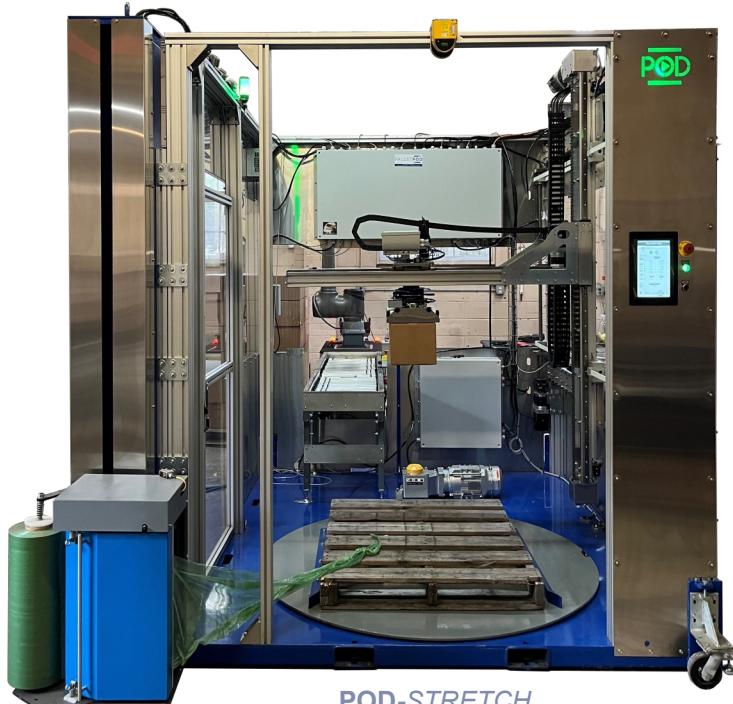
Simplify

and compress
implementation

Eliminate

costly repetitive
motion injuries

Patented. Made in the USA



POD-STRETCH
palletize and stretch wrap in one machine

PALLETPOD® is a made in USA compact palletizing machine. A cost effective solution that is easy to specify, validate, install, operate, move, and maintain.

The **PALLETPOD** can be coupled with a variety of proven pre-engineered accessories that enhance productivity. These include pallet and tier sheet dispensers, pallet conveyors, customized tooling, box buffering systems. Each accessory readily integrates with a Base Unit, resulting in a comprehensive and automated palletizing solution.

PALLETPOD is simple, adaptable, and durable. Available for purchase, rental, or lease.

You know you need to automate your palletizing processes, BUT you:

- Don't have time?
- Don't have the manpower?
- Don't know where to begin?
- Think it is too expensive?

We focus on the details so you don't have to. Our configurable palletizing systems reduce cost to maximize your **ROI**.

SPECIFICATIONS

PALLET TYPES

CHEP, GMA, EURO and Other custom pallet sizes

STACKING RATES

6-7 picks / min single pick
Up to 24 items / min multi-pick

STACKING HEIGHT

Up to 108" (274cm) standard
Can be customized

OPERATING ENVIRONMENT

40-90° F (4-32° C) standard, wash down and freezer models available

RATED CAPACITY

220 lbs (100kg)
~ 180 lbs (82kg) loads

STRETCH WRAPPING SYSTEM

In-process stretch wrapping or at the end of the palletizing cycle

STRUCTURAL ENCLOSURE

304 Brushed Stainless Steel Panels coupled with polycarbonate or wire mesh view panels on three sides

TOOLING

Single pick, Multi-pick, Bag gripping, and Clamping options available

POWER OPTIONS

208/230 VAC - 3 phase 20 amps
460/480 VAC - 3 phase 15 amps
Other options available

COMPRESSED AIR

11-22 scfm @ 80 psi (std. tools)
3 scfm @ 60 psi (blower systems)
3-5 scfm @ 60 psi (clamp tools)

REMOTE MACHINE SUPPORT

System available
Our team becomes an extension of your support network

CLASS 3 SAFETY

Safety Controller monitors Estops, Safety scanner, and Door interlocks
Class 4 upgrade available

ELECTRICAL ENCLOSURE

Built to UL / CSA / CE specs.
Certification available

MOTION CONTROL PACKAGE

Yaskawa MP3300 multi-axis PLC, servo motors and drives
AB available

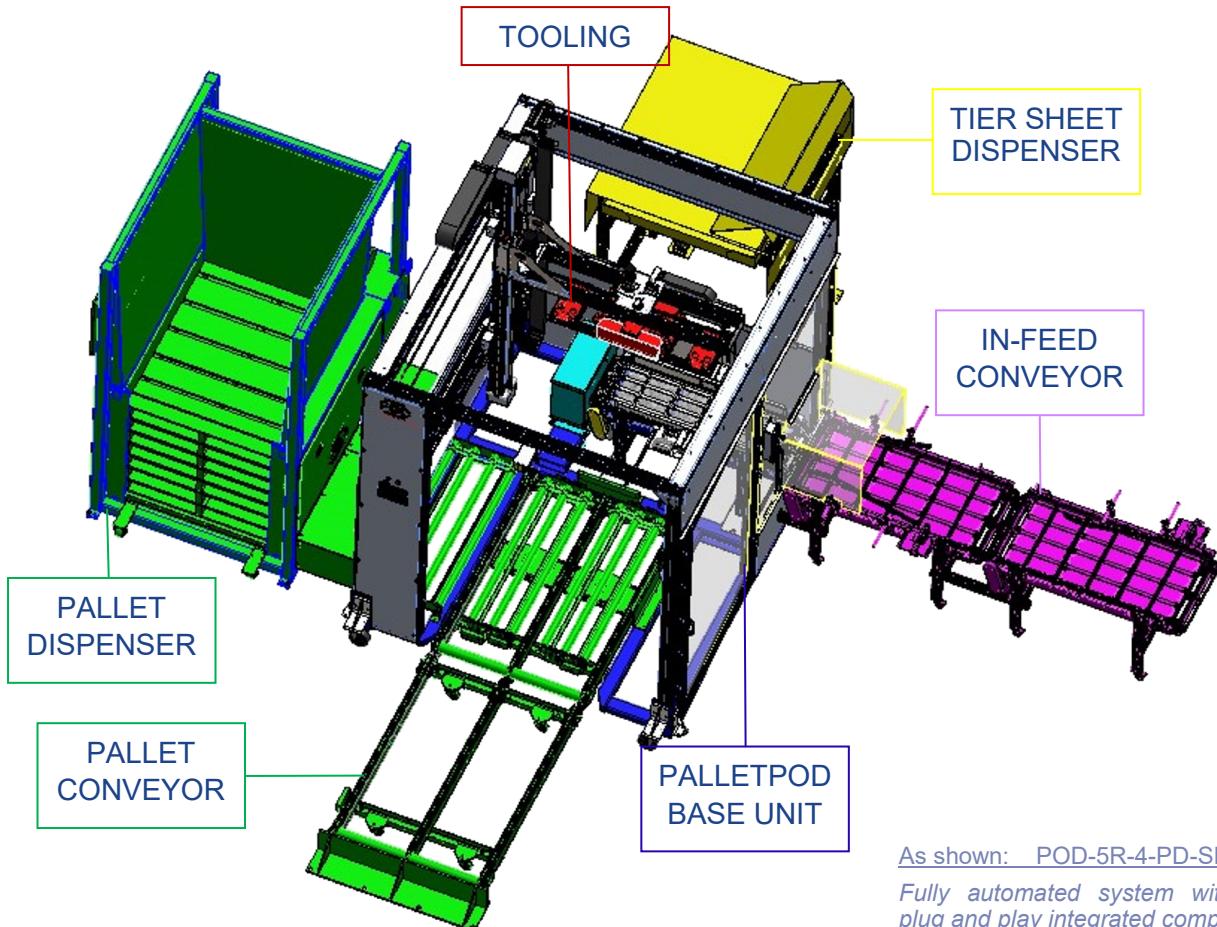
HMI

Exor - ex710 - 10" multi-capacitive touch screen.
Exor - JSmart710 - 10" multi-capacitive touch screen (IP 67)
AB available

WARRANTY

1 year parts and service
Optional multi-year available
Remote support—extends warranty to 3 years parts and limited service

INSTALLED AND RUNNING IN A MATTER OF HOURS



As shown: POD-5R-4-PD-SD-TC-VG

Fully automated system with bolt-on plug and play integrated components

MACHINE CONFIGURATION NOMENCLATURE

POD - SW - 5 - R - 2 - PD - SD - TC - VG - SO

MODEL

Palletizer = POD
Depalletizer = DPOD

(optional) **STRETCH WRAP**

STACKING HEIGHT

5.5 ft = 5
6.5 ft = 6
7.5 ft = 7
8.5 ft = 8

PRODUCT IN-FEED

Left = L
Right = R
Back = B

SPECIAL OPTIONS (optional)

SO = Other POD Options

TOOL

VG = Single Box Vacuum Gripper
MVG = Multi-Box Vacuum Gripper
BG = Bag Gripper
MG = Mechanical Gripper

TOOL CHANGER (optional)
TC = Manual Tool Changer

SHEET DISPENSER (optional)

SD = Sheet Dispenser

ADDITIONAL OPTIONS

- In-feed conveyors
- Custom tooling
- Wash down
- Cold environments
- Vacuum Blowers
- and more....

POWER
208-230 VAC 3P = 2
460-480 VAC 3P = 4
Other = x

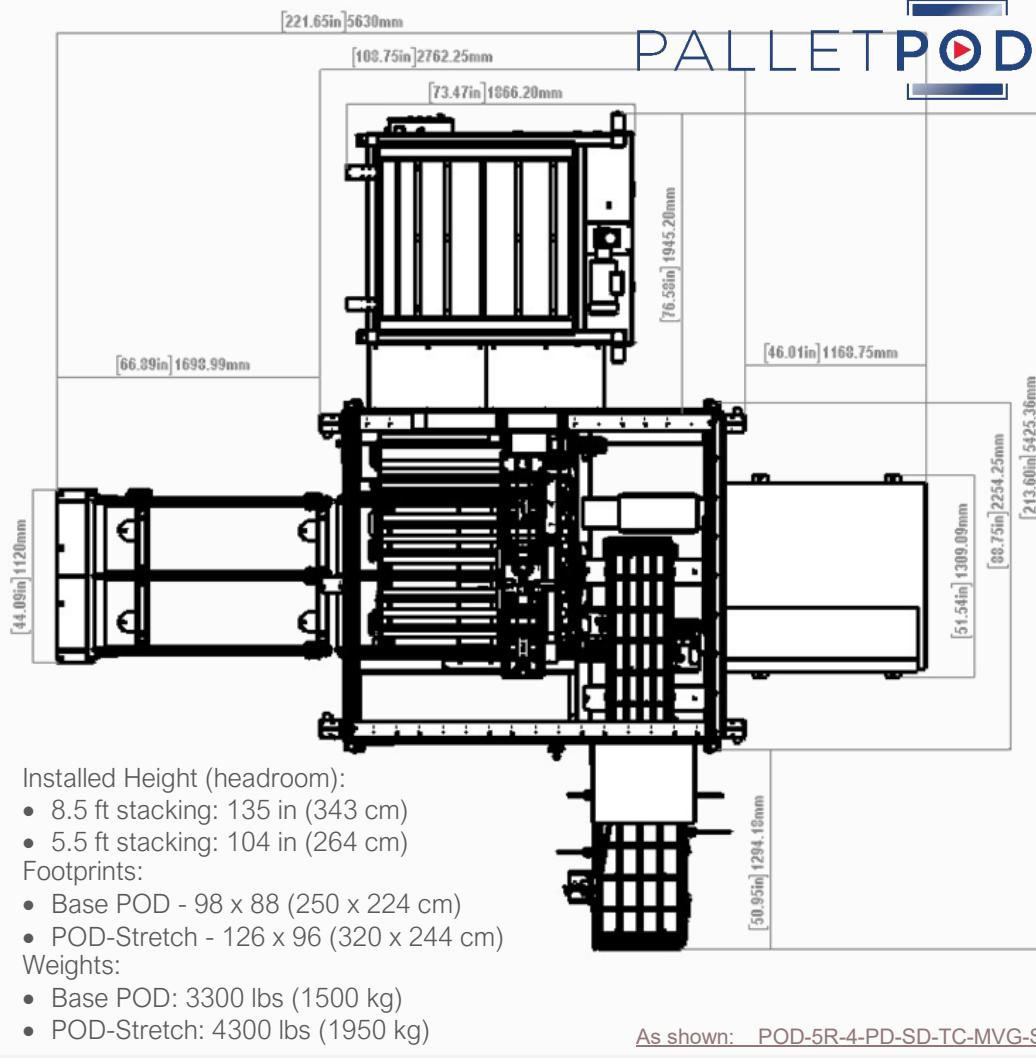
PALLET DISPENSER (optional)
PD = Pallet Dispenser
PC = Pallet Conveyor

PALLET POD

APPLICATIONS

- Mobile Compact Palletizers
- Mobile Stretch-Wrapping Palletizers
- Fully Automated Palletizing Systems
- Depalletizing Systems

Plug and play machines for stand-alone use or configured for fully integrated palletizing or depalletizing automation.



As shown: POD-5R-4-PD-SD-TC-MVG-SO

ROI INDUSTRIES GROUP



A FULL SPECTRUM OF CONFIGURABLE PALLETIZING SOLUTIONS



STACKBOT



PALLET POD



STACKMAX

CAPACITY	55 lbs (25 kg)	220 lbs (100 kg)	Up to 415 lbs (190 kg)
SPEED	Up to 7 c/min	Up to 24 c/min	Up to 50 c/min
MOBILITY	Leveling casters + hoist rings	Fork pockets + wheels + pads	Floor Anchored
INSTALLATION	1 hr	2-4 hrs	1-3 days
POWER	208-240 1p 15A	208-230 3p 20A 460-480 3p 12A	230 or 480 3p up to 40 Amps
COST	\$\$	\$\$	\$\$\$

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