



dynaPAL™ HD

INDUSTRIAL ROBOTS

The dynaPAL™ HD is a high-performance palletizer, offering exceptional durability, reliability, and strength. With a payload capacity of up to 350 kg, this robust system handles a wide range of products, including bags, cases, bundles, pails, spot packs, and trays. Designed to excel in demanding environments, the dynaPAL™ HD automates challenging tasks that are often beyond human capabilities.



BENEFITS

- « Designed with durability and strength in mind.
- « Seamlessly integrates with upstream and downstream operations.
- « More affordable and flexible than standard palletizing.
- « Made to withstand corrosive materials seen in many industries.
- « Up to 8 individual picks per minute

SPECIFICATIONS

Units per minute

Up to 8 individual picks per minute

Load capacity

160+ kg

Applications

Bags	Cases	Pail
Trays	Drum	Custom

Footprint

Length	12 ft 6 in +
Width	12 ft 6 in +



Columbia/Okura LLC is a robotic palletizing integrator, applying expert knowledge and tools to solve customers “End of Line” production challenges for a diverse range of businesses, products, and applications. We believe in the transformative power of automation.

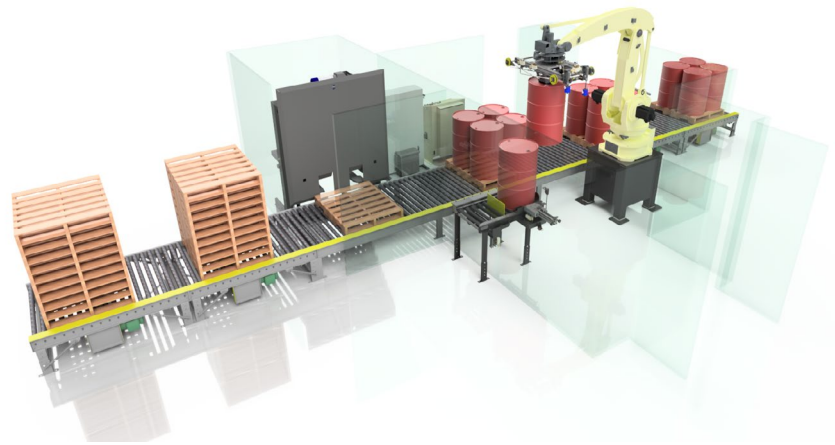
ADDITIONAL SPECIFICATIONS

	dynaPAL™ Lite	dynaPAL™	dynaPAL™ HD
Load capacity	50 - 100 kg	100 - 160 kg	160+ kg
Production rate	Up to 12 individual picks per minute	Up to 28 individual picks per minute	Up to 8 individual picks per minute
Typical footprint	Up to 15 ft 10 in x 15 ft 10 in	10 ft 5 in x 13 ft 4 in +	12 ft 6 in x 12 ft 6 in +
Out-feed conveyors	1 or 2	1 or more	1 or more
In-feed conveyors	1 or 2	1 or more	1 or more
Electrical requirements	480V / 60amp	480V / 60amp	480V / 60amp

TRANSFORMATIVE AUTOMATION

Boost your facility's productivity with the dynaPAL™ system. By integrating this versatile solution into your end-of-line operations, you'll experience enhanced consistency and reliability. Our flexible cell layouts allow us to tailor a system specifically for your products and facility.

At Columbia/Okura, we believe automation is the catalyst for unprecedented growth. Beyond robotic palletizing, we engineer comprehensive solutions that drive transformative results for your business.



WORKING WITH US

- « Fully customized and integrated palletizing system
- « Robust end effectors adapted for your application
- « Low maintenance and easy to clean components
- « Quick installation and commissioning
- « Intuitive and user-friendly software with fast changeover of palletizing patterns
- « Training, remote support, and OEM parts



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