

# ROBOT PALLETIZER (CRP-HC30)



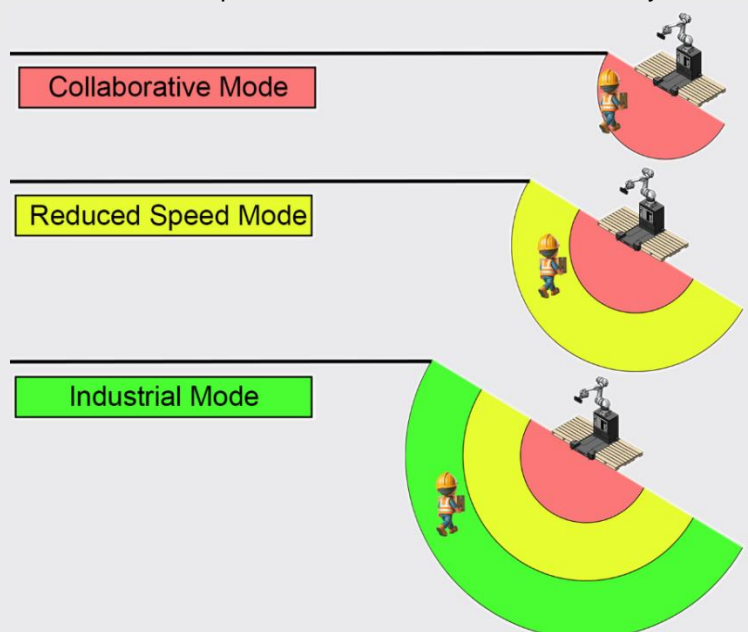
## APPLICATIONS

- Accurately picks and places cases up to 30KG (66lbs.), seamlessly construct sturdy pallets and streamlines your logistics.
- A 6-axis robot designed for a wide variety of collaborative applications, hand-guided teaching without a teach pendant enables easy programming for fast changeovers.
- Advanced human collaborative technology that allows humans to safely work alongside the machine, power and force limiting technology and pinchless geometry protects workers from potentially harmful contact situations.
- Ideal for use in sanitary environments where wipe/wash is required. Certified food-grade grease for food or consumer product packaging environments.



## FEATURES

- Industry-leading IP67 rating and cast aluminum construction for industrial durability.
- Thru-arm category 6 ethernet cable and dual 5mm ID airlines eliminate external utilities while offering fast, safe, and easy setup for a wide variety of communication and tool options.
- Tool mounting flange and electrical connections provide quick and easy deployment while connecting to a wide variety of end-of-arm tooling for different uses and case sizes.
- Empowers employees with teaching by hand guiding, quick fault recovery, and simplified training needs.
- Easily integrated into factory automation systems using discrete I/O or fieldbus networks such as EtherNet/IP.
- Depending on risk assessment, the machine can operate without additional protective measures such as a safety fence, resulting in reduced cost and safety requirements.
- Maximum reach = 1,700mm (<27 kg payload) OR 1,600mm (>27 kg payload), and 0.05mm repeatability.
- Can reach full, 88-inch-tall pallets without an elevator.



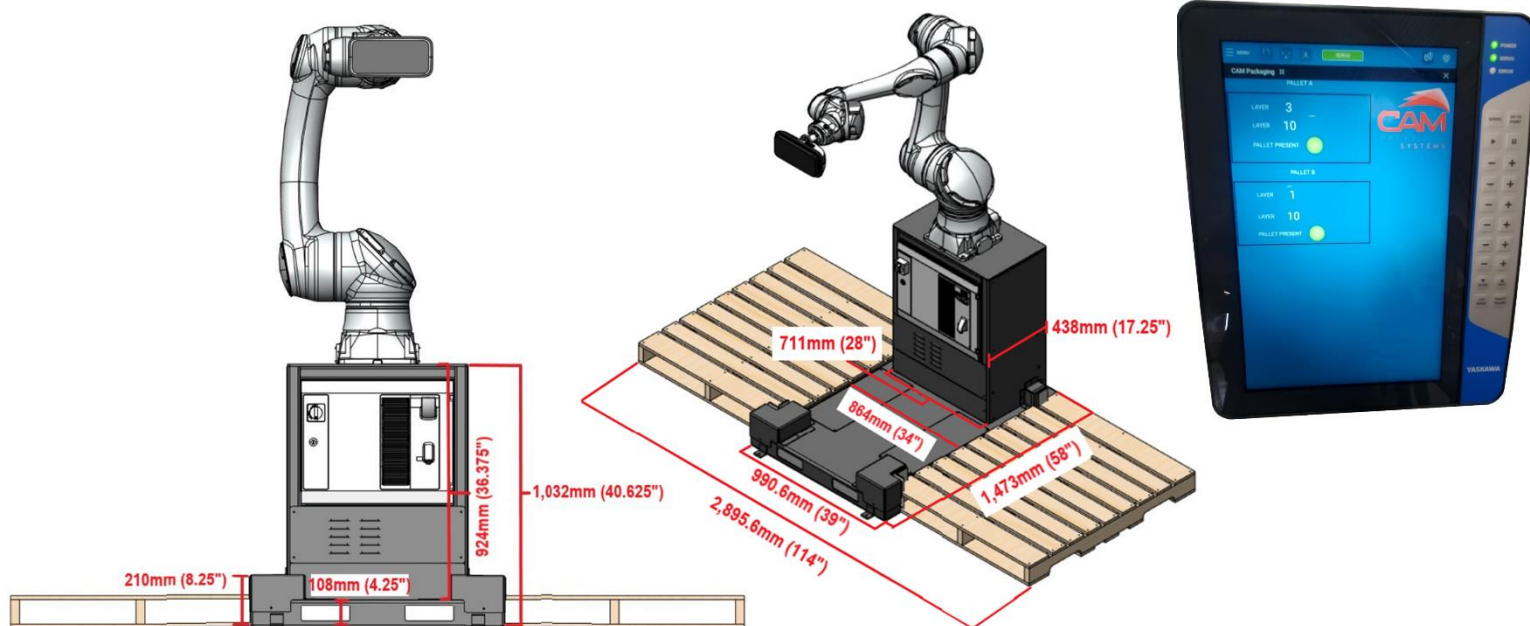
# CAM COLLABORATIVE ROBOT PALLETIZER

## SPECIFICATIONS

Model	CRP-HC30
Controlled Axes	6
Maximum Payload	30KG (66lbs)
Repeatability	0.05mm
Arm Reach	Horizontal Reach: 1,700mm (66,9") Vertical Reach: 3,400mm (133.9")
Machine Speed	4-20 PPM (Depending on various factors and limitations)
Case Pick Capabilities	Single & multiple cases can be picked with the weight range of 30KG/66lbs increasing cycle time.
Case Dimensions	Can handle various case sizes. Lift multiple smaller cases at once or a larger one less than 30KG
Air Lines	2 hoses; Internal diameter: 5mm Maximum pressure: 400kPa (4kgf/cm <sup>2</sup> or less)
Tool Center Point (Max linear speed)	Non-collaborative mode: 2,000mm/s** Collaborative mode: 1,000 mm/s**
Internal User I/O Cable	0.1mm <sup>2</sup> x 8 conductors; Maximum allowable current is 1.5 A or less for each conductor (Cat. 6 Ethernet Cable)
Power Requirements	208 VAC Single Phase / 60Hz
Power Rating	1.5 KVA
Approx Weight	140KG
I/O Expansion	Ethernet/IP, DeviceNet, Profibus, CC-Link and other networks available

## MACHINE LAYOUT

(for reference only)



PRECISE. RELIABLE. AFFORDABLE.

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