

CPJ Co-bot Pallet Jack

The Vecna Co-bot Pallet Jack is a revolutionary, first-of-its-kind, collaborative robot engineered for the short distance “in-between” loads that require worker engagement. Designed for nimble movement in tight spaces like case picking, kanban replenishment, waste/dunnage retrieval, empty container consolidation, pick-to-packout workflows, as well as QA, QC, rework and other similar tasks.



SPECIFICATIONS	IMPERIAL	METRIC
MAX PAYLOAD	3,300 lbs	1,500 kg
DIMENSIONS (L x W x H)	68.5 in x 36.5 in x 89.5 in	1,740 mm x 925 mm x 2,195 mm
VEHICLE SPEED	2.8 mph	1.25 m/s

ACCESSORIES

Deck load plate for moving carts and racks

SAFETY SYSTEM

ISO 13849-1:2015 PL=d-rated sensors and safety controllers, ANSI/ITSDF B56.5 and RIA 15.08 compliant

CONTROL

Autonomous transport and drop off, manual pick up

POWER SOURCE

Hot-swapped Li-ion battery, (24V, 60 A-hr)

NAVIGATION

Natural feature/infrastructure free

RUN TIME

2.5 hours

CHARGING TIME

2 hours — hot swap

TASK ALLOCATION

User-directed via on-robot touchscreen. Remote call buttons/tablet UIs

FLEET MANAGEMENT AND ORCHESTRATION

Pivotal™ Orchestration

SUPPORT

24/7/365 remote support via Vecna Robotics' US-based Pivotal™ Command Center