

CPJ Co-bot Pallet Jack

The Vecna Co-bot Pallet Jack (CPJ) is a revolutionary, first-of-its-kind, collaborative robot engineered for our end-to-end case picking solution, CaseFlow™, and the short distance “in-between” loads that require worker engagement. Designed for agile movement in tight spaces for tasks like case picking, kanban replenishment, waste retrieval, container consolidation, pick-to-packout workflows, QA/QC, rework, and more.

For more information on CaseFlow™, visit vecnarobotics.com/caseflow



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	1740 mm x 927 mm x 2273 mm
VEHICLE SPEED	2.8 mph	1.2 m/s

SAFETY SYSTEM

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

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

CONTROL

Infrastructure Free Navigation
Autonomous transport and drop off
Manual pick up

RUN TIME

4 hours typical

CHARGING

2 hours, Hot-swappable
Li-ion battery, (24V, 60 A-hr)

ACCESSORIES (ADD ON)

Rear light kit
Stretch wrap holder
Label printer mount