

APT Autonomous Pallet Truck

The Vecna APT Autonomous Pallet Truck is a key player in high-throughput facilities. This self-driving center rider takes on the burden of long-distance hauling, eliminating non-value added travel for MHE operators.



SPECIFICATIONS	IMPERIAL	METRIC
MAX PAYLOAD	7,936 lbs	3,600 kg
DIMENSIONS (L x W x H)	115.8 in x 43.4 in x 81 in	2,942 mm x 1,102 mm x 2,061 mm
FORK LENGTH	48 inches	1,219 mm
FORK WIDTH	9.3 inches	235 mm
FORK SIZE OUTSIDE SPREAD	27 in	686 mm
WEIGHT (less battery)	2,164 lbs	982 kg
VEHICLE SPEED	6.7 mph	3 m/s
RIGHT ANGLE STACK	18 ft 6 in	5.6 m
MINIMUM AISLE WIDTH AT MAX SPEED	8 ft 6 in	2.6 m

SAFETY SYSTEM

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

CONTROL

Autonomous Mode:
Infrastructure Free Navigation
Manual Mode:
Ride-on with steering tiller

POWER SOURCE

Compatible with standard lead acid and TPPL batteries

RUN TIME

Up to 8+ hours per full charge

CHARGING

4 hours charge time, opportunistic charging

TASK ALLOCATION

Remote user interfaces / WMS integration

FLEET MANAGEMENT AND ORCHESTRATION

Pivotal™ Orchestration Engine

SUPPORT

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

