

COUNTERBALANCED PALLET MOVER WITH AGILOX INTELLIGENCE

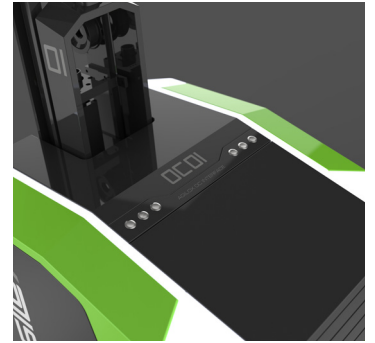
INDUSTRY LEADING TECHNOLOGY //

AGILOX OCF SPECIFICATIONS

- 1 DRIVE SYSTEM**
3-way omnidirectional drive
- 2 LIFT SYSTEM**
electric
- 3 UNIT WEIGHT**
3600 kg (7,940 lbs)
- 4 MAX. LOAD**
1,500 kg (1,500 lbs)
- 5 LIFT HEIGHT**
up to 1600 mm (63 in)
- 6 V-MAX**
1.4 m/s (4.6 ft/s, 3 mph)
- 7 BATTERY**
LiFePO4 with battery management system - 3 minutes charge \approx 1h operation
- 8 COMMISSIONING TIME**
<12 hours (1st vehicle)
/ 15 minutes (each additional IGV)
- 9 CERTIFICATION**
CE declaration of conformity.
Full safety in humanmachine interaction

WHAT SETS US APART

- **PLUG & PERFORM**
- **UNLIMITED FREEDOM OF MOVEMENT**
- **POWERFUL USER INTERFACE**
- **SWARM INTELLIGENCE**
- **HIGH EFFICIENCY POWER MANAGEMENT**
- **PRECISE NAVIGATION**
- **OPEN SOFTWARE INTERFACES**



OVERALL DIMENSIONS

- **HEIGHT**
2570 MM (101 IN)
- **WIDTH**
1200 MM (47 IN)
- **LENGTH**
2800 MM (110 IN)

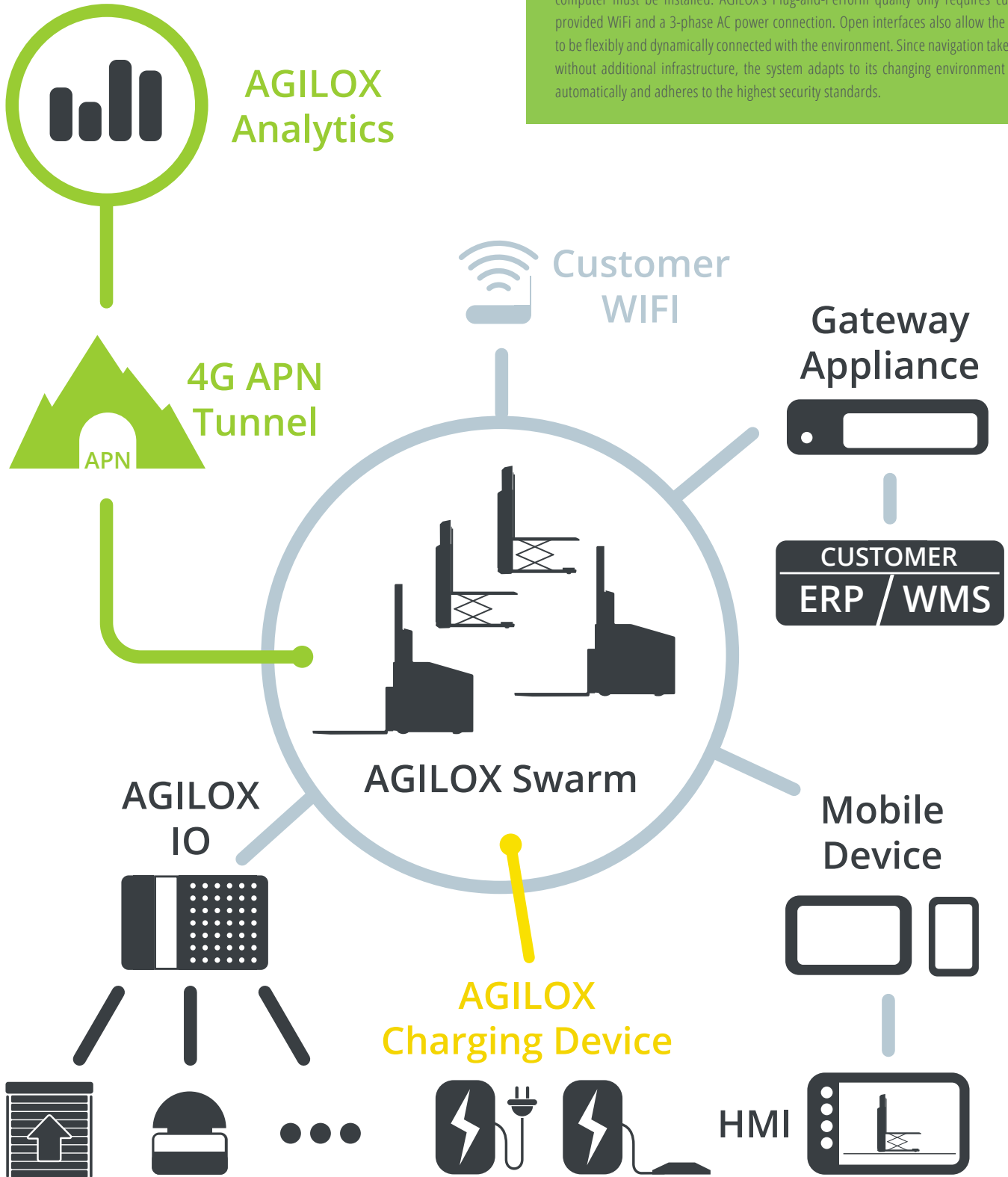
FORK DIMENSIONS

- **FORK WIDTH**
125 MM (5 IN)
- **FORK HEIGHT**
65 MM (2.5 IN)
- **EXTERNAL DISTANCE MIN.**
450 MM (18 IN)
- **EXTERNAL DISTANCE MAX.**
960 MM (38 IN)

AGILOX OCF SYSTEM OVERVIEW

SYSTEM OVERVIEW

The use of an AGILOX IGV is possible without adjustments and additions to the IT infrastructure. Thanks to swarm intelligence, neither software nor a separate server for a master computer must be installed. AGILOX's Plug-and-Perform quality only requires customer provided WiFi and a 3-phase AC power connection. Open interfaces also allow the system to be flexibly and dynamically connected with the environment. Since navigation takes place without additional infrastructure, the system adapts to its changing environment almost automatically and adheres to the highest security standards.



AGILOX Charging

24/7 operations without changing the battery. 60 minutes of operation -- 3 minutes to charge.

Customer WIFI

Customer-provided WiFi is required in order for vehicles to communicate with each other.

Customer ERP / WMS

Customer systems (e.g. ERP, WMS, MES...) can be connected via the AGILOX JSON API.

AGILOX Swarm

Swarm Intelligence underpins the AGILOX fleet's navigation.

Mobile Device

The IGVs are controlled via mobile devices (e.g. smartphone, tablet...) with browser access.

AGILOX HMI

The easy to use human-machine interface offers a multitude of possibilities.

AGILOX IO Box

The IO Box assists the customer in connecting their existing infrastructure (e.g. roller doors, fire alarm systems) with the AGILOX network.

AGILOX Analytics

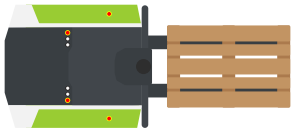
Access to the most important KPIs and data anytime and anywhere.

AGILOX OCF DRIVING AREA DESIGN

All dimensions are according to 1200x800 mm (48x32 in) load

Minimum aisle width

1700 MM (5.5 ft)



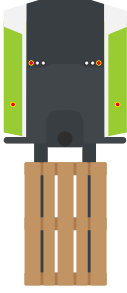
Minimum aisle width for parallel travel

3000 MM (10 ft)



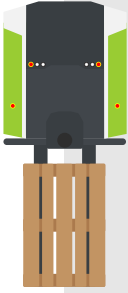
Aisle width v-max

3100 MM (10 ft)

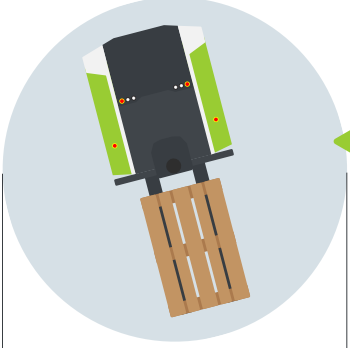


5200 MM (17 ft)

Aisle width in oncoming traffic (v-max)



Turning radius



3400 MM (11 ft)

Minimum aisle width in oncoming traffic

3200 MM (10.5 ft)

