

FOR HEAVIER LOADS THE AUTONOMOUS COUNTERBALANCED FORKLIFT OCF IS A REAL POWER MONSTER

DIMENSIONS (L x W x H)

2,800 MM × **1,200 MM** × **2,570 MM**
110 IN × **47 IN** × **101 IN**

PERFORMANCE DATA

1,600 MM **1,500 KG** **1.4 M/S**
63 IN **3306 LBS** max. speed
max. lifting height max. lifting weight



AGILOX OCF 1200 mm / 47 IN with obstacle avoidance



SPECIFICATIONS

3 omnidirectional drives

Drive system

Electric

Lift system

**LiFePO4 with BMS
3 min charging
= 1 h running**

Battery

3,600 kg (7940 lbs)

Unit weight

**< 12 hours (1 vehicle)
/ 15 minutes
(each additional
AMR)**

Commissioning time

**CE, declaration of
conformity**

Certification

**125 mm / 5 IN width
70 mm / 3 IN height**

Fork dimensions

**450 mm / 18 IN min.
960 mm / 38 IN max.**

Overall fork width

MAXIMUM EFFICIENCY

**ALL PRODUCTS WITH
THE PROVEN AGILOX
X-SWARM TECHNOLOGY**





OBSTACLE AVOIDANCE

3D sensor system in the direction of travel to increase safety in man-machine mixing mode

OCF ADD-ONS



Barcode Identification Unit

Scanner for the detection of bar-codes or QR codes



Mobile Charging Device

One mobile charger is recommended per AGILOX fleet (connection 230V / 16A)



OCF Lifting Aids



Standard Stationary Charging Station

Stationary charging station for the AGILOX OCF (connection 400V / 16A)



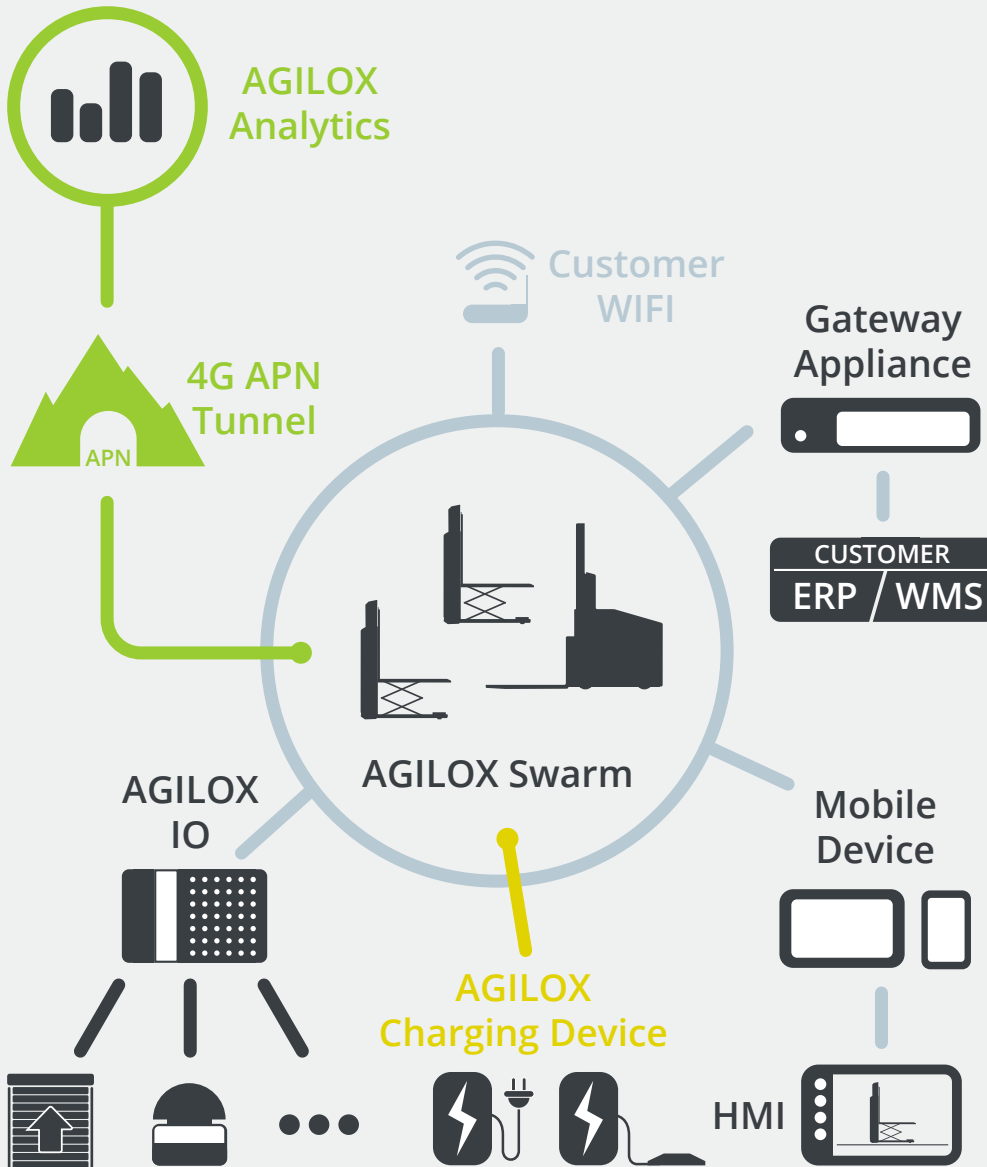
Quick Stationary Charging Station

Stationary fast charging station for the AGILOX OCF (connection 400V / 32A)

AGILOX

SYSTEM OVERVIEW

The use of an AGILOX IGV is possible without adjustments and additions to the IT infrastructure. Thanks to swarm intelligence, neither a software nor a separate server for a master computer must be installed. AGILOX' 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, etc.) 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, etc.) with browser access.

AGILOX HMI

The HMI is mapped in the web browser and is always available to interact with AGILOX vehicles.

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 SURFACE DESIGN

OF A 1,200 X 1,200 MM PALLET

