

FOR HEAVY LOADS THE OMNIDIRECTIONAL COUNTERBALANCED AGILOX OCF IS A REAL POWERHOUSE

DIMENSIONS

(L x W x H)

2,784 MM × **1,200 MM** × **2,566 MM**
109.6 IN × **47.3 IN** × **101 IN**

PERFORMANCE DATA

1,600 MM 63 IN	1,450 MM 57.1 IN	1,500 KG 3,306 LBS	1.4 M/S 4.6 FT/S
max. lift height	max. station height *Reference: Euro pallet	max. lift weight	max. speed

AGILOX OCF with fork
1,200 mm / 47.3 IN and
obstacle avoidance



SPECIFICATIONS

**3 omnidirectional
drive units**

Drive system

Electric

Lift system

LiFePO4 with BMS
3 min charging
= 1 h operation

Battery

3,600 kg / 7,940 lbs

Unit weight

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

Commissioning time

**CE, declaration of
conformity**

Certification

125 mm / 4.9 IN width **500 mm / 19.7 IN min.**
70 mm / 2.8 IN height **950 mm / 37.4 IN max.**

Fork dimensions

Overall fork width

MAXIMUM EFFICIENCY

**ALL PRODUCTS POWERD
BY THE PROVEN AGILOX
X-SWARM TECHNOLOGY**



OCF VARIATIONS



OCF 1400

AGILOX OCF with 1,400 mm / 55.1 IN length lift forks

Fork length 1,400 mm / 55.1 IN
max. lift weight
1,200 kg / 2645.5 lbs
max. lift height
1,600 mm / 63 IN
max. station height
1,450 mm / 57.1 IN



OCF LC

AGILOX OCF with reduced lift mast height

Fork length 1,200 mm / 47.2 IN
max. lift weight
1,500 kg / 3306.9 lbs
max. lift height
1,200 mm / 47.2 IN
max. station height
1,050 mm / 41.3 IN

OCF ADD-ONS



Barcode Reader

Scanner for detection of barcodes 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)



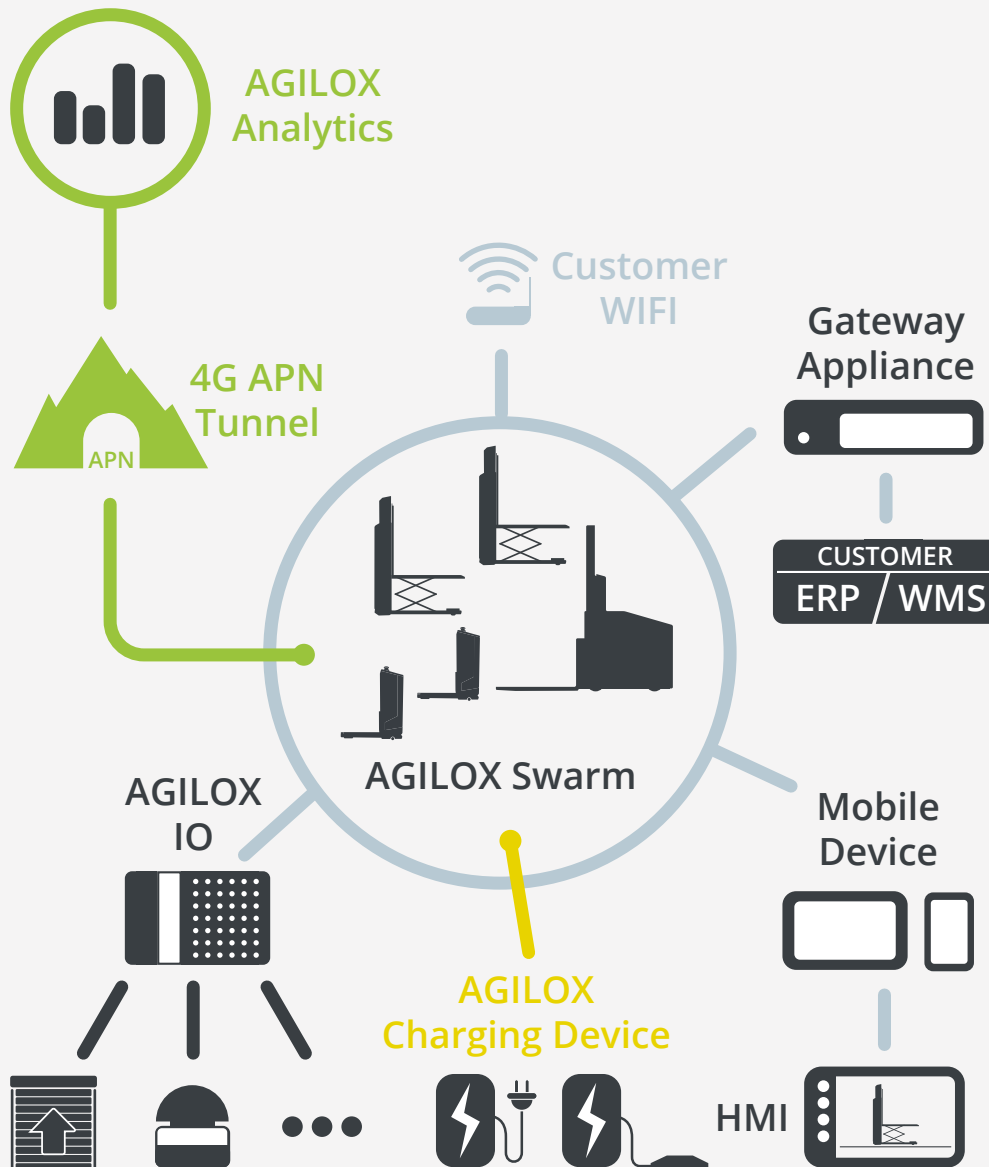
Obstacle Avoidance

Additional 3D sensor system in the direction of travel to increase safety in human-machine mixed environments

AGILOX

SYSTEM OVERVIEW

The use of an AGILOX AMR 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 AMRs 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

DRIVE PATH DESIGN

Load Carrier	A	B	C	D	E	F	G	H	I	J
Pallet 1200 x 1200 MM 47.2 x 47.2 IN	1700 MM 66.9 IN	2100 MM 82.7 IN	3200 MM 126 IN	3800 MM 149.6 IN	2700 MM 106.3 IN	3500 MM 137.8 IN	3200 MM 126 IN	100 MM 4 IN	200 MM 7.9 IN	100 MM 4 IN

