

OMNIDIRECTIONAL DOLLY MOVER MADE FOR INTELLIGENT TRANSPORTS OF SMALL LOAD CARRIERS

DIMENSIONS (L x W x H)

1,100 MM × **400 MM** × **1,235 MM**
43 IN × **16 IN** × **49 IN**

PERFORMANCE DATA

250 MM **300 KG** **1.4 M/S**
10 IN **661 LBS** max. speed
max. lifting height max. lifting weight



SPECIFICATIONS

2 omnidirectional drives

Drive system

Single electric spindles

Lift system

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

Battery

160 kg (352 lbs)

Unit weight

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

Commissioning time

**CE, declaration of
conformity**

Certification

**205 mm /
8 IN width**

Fork width

MAXIMUM EFFICIENCY

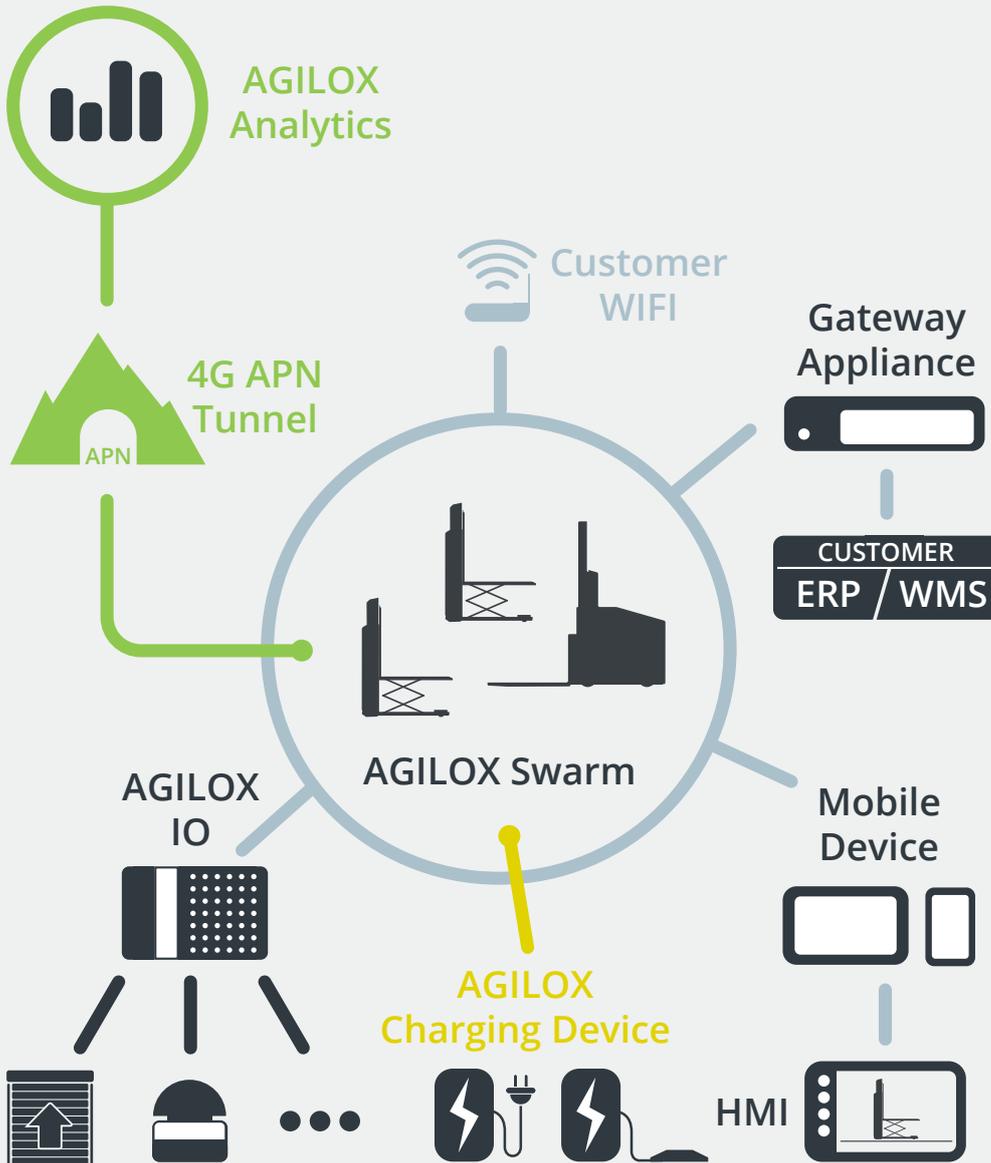
**ALL PRODUCTS WITH
THE PROVEN AGILOX
X-SWARM TECHNOLOGY**



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.

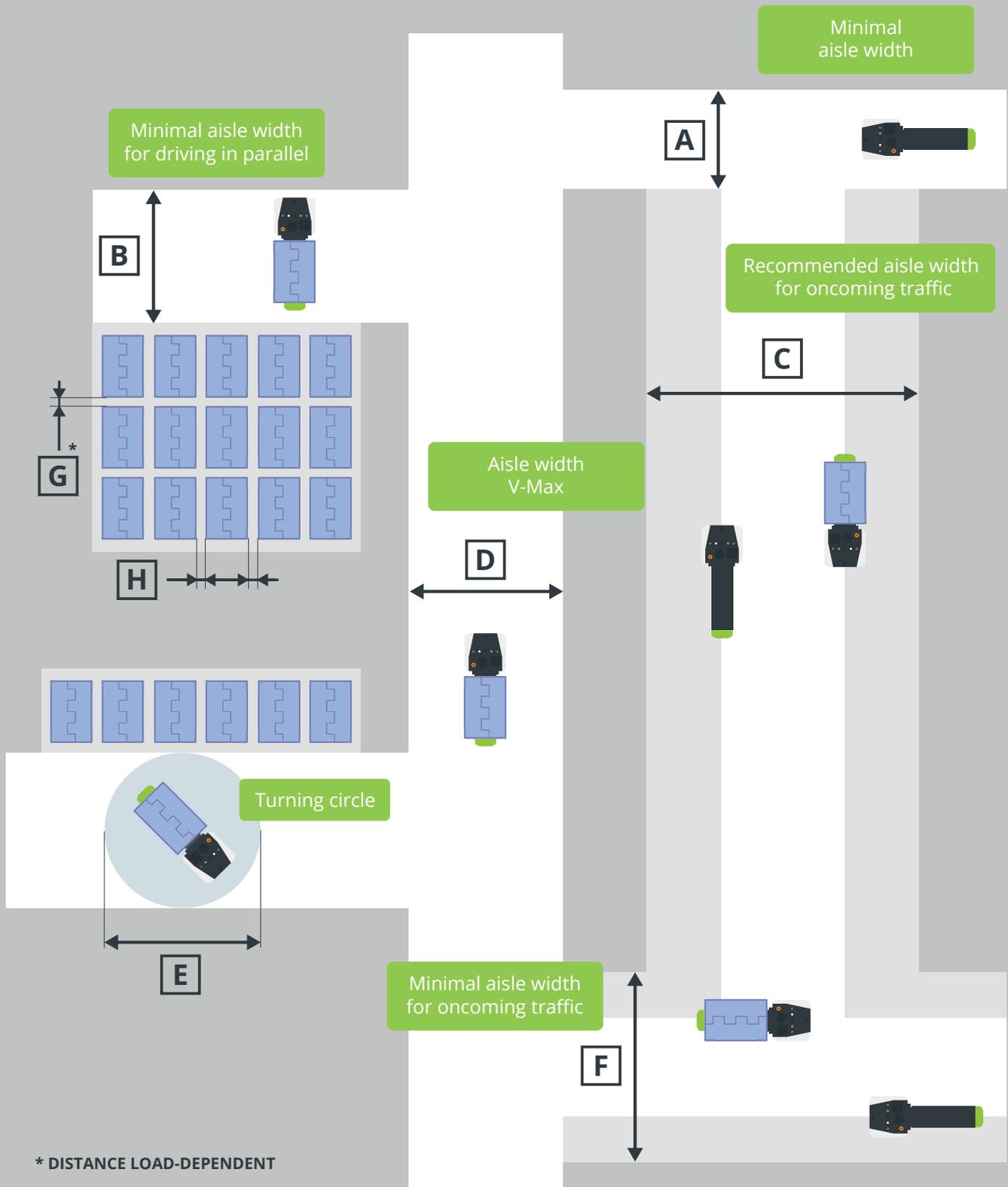
AGILOX Analytics

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

AGILOX ODM

DRIVING SURFACE DESIGN

Load Carrier	A	B	C	D	E	F	G	H
Dolly 600 x 400 MM	900 MM 35 IN	1300 MM 51 IN	1800 MM 71 IN	1400 MM 55 IN	1600 MM 63 IN	1600 MM 63 IN	50 MM 2 IN	50 MM 2 IN



* DISTANCE LOAD-DEPENDENT