

# NARROW FORK THE AGILOX ONE WITH A MONO FORK FOR NARROW LOAD CARRIERS

## DIMENSIONS (L x W x H)

**1,511 MM** × **810 MM** × **1,862 MM**  
**59.5 IN** × **31.9 IN** × **73.3 IN**

## PERFORMANCE DATA

**620 MM**      **1,000 KG**      **1.4 M/S**  
**24.4 IN**     **2,204 LBS**      **4.6 FT/S**  
max. lift height      max. lift weight      max. speed

AGILOX NFK with  
obstacle avoidance and  
signal light package



## SPECIFICATIONS

**4 omnidirectional  
drive units**

Drive system

**Dual electric  
spindles**

Lift system

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

Battery

**400 kg / 880 lbs**

Unit weight

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

Commissioning time

**CE, declaration of  
conformity**

Certification

**92 mm / 3.6 IN**

Fork height

**420 mm / 16.5 IN**

Fork width

MAXIMUM EFFICIENCY

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



## NFK ADD-ONS



### Obstacle Avoidance

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



### Signal Light Package

Light signal to increase safety in human-machine mixed environments (color: blue / green / red), additional signal lights in the fork tips (color: white / yellow)



### Barcode Reader

Scanner for detection of barcodes or QR codes



### ESD Protection

Protection or discharge measure for operation in areas with ESD requirements to prevent electrostatic charging



### Rubber guards

Rubber guards as dirt defectors in the front area of the vehicle and on the fork tips



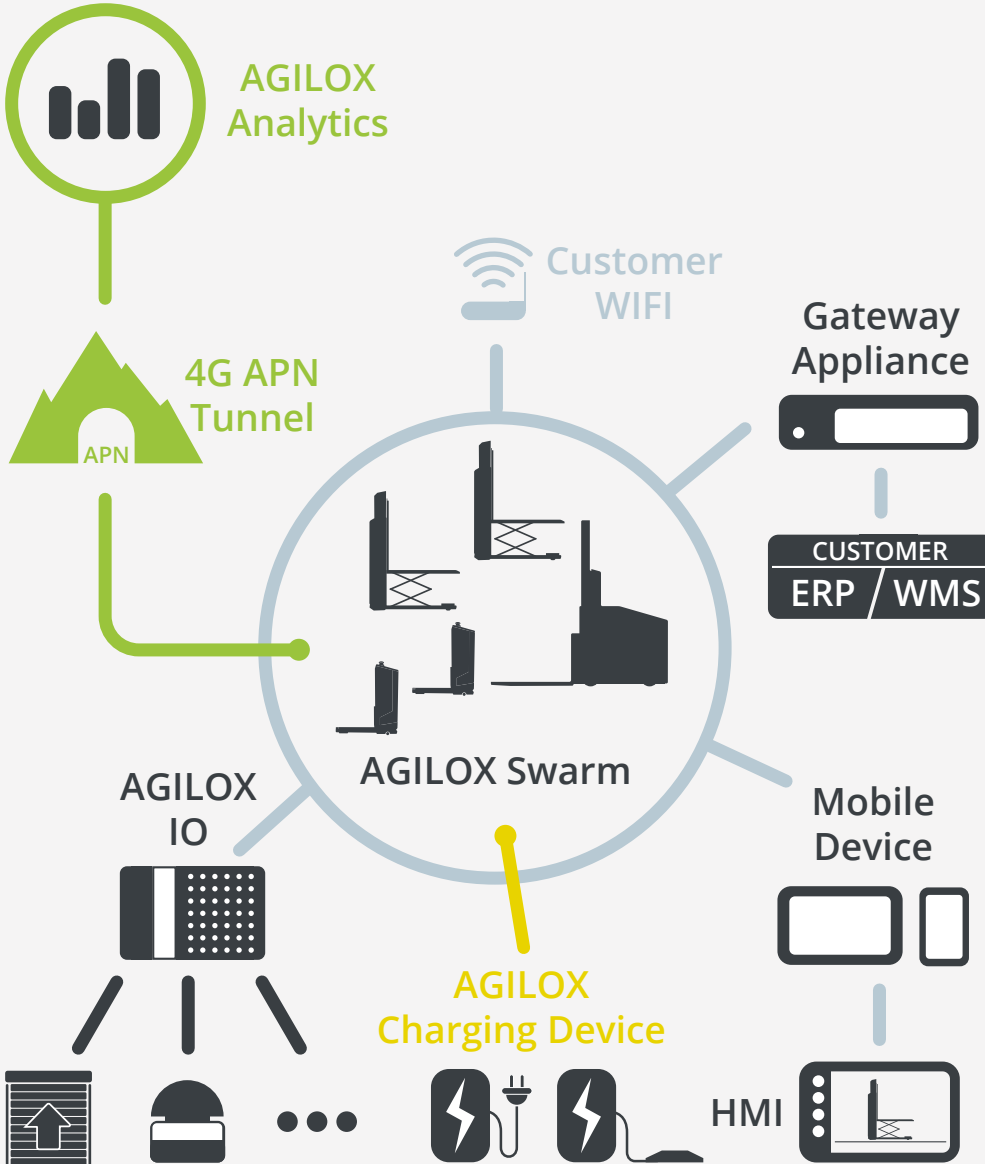
### Mobile Charging Device

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

**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.

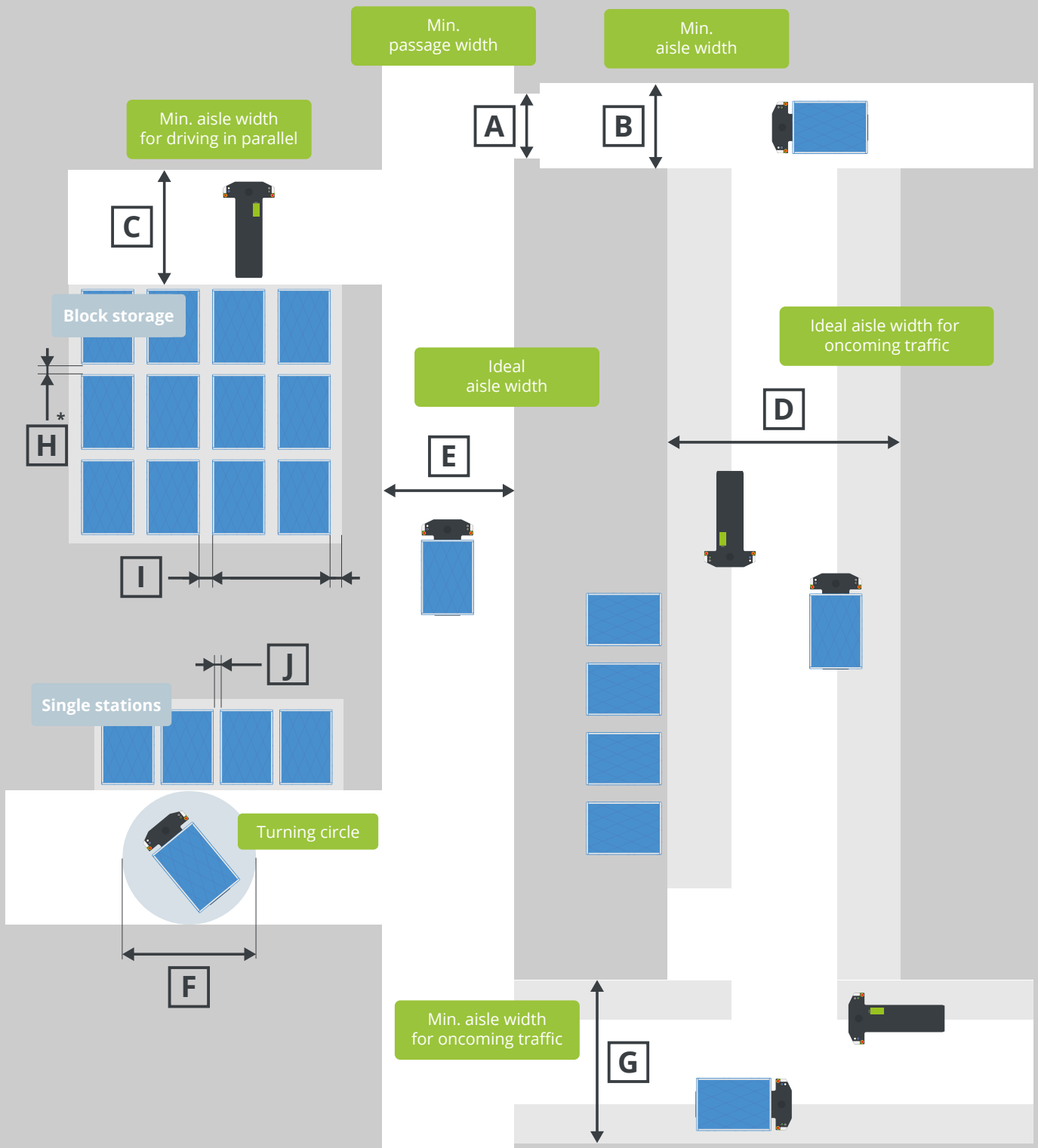
**AGILOX Analytics**

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

**AGILOX NFK**

**DRIVE PATH DESIGN**

Load Carrier	A	B	C	D	E	F	G	H	I	J
Load Carrier 1200 x 800 MM 47.2 x 31.5 IN	1400 MM 55.1 IN	1500 MM 59.1 IN	1800 MM 70.9 IN	2800 MM 110.2 IN	1800 MM 70.9 IN	2100 MM 82.7 IN	2600 MM 102.4 IN	50 MM 2 IN	200 MM 8 IN	100 MM 4 IN



\* DISTANCE LOAD-DEPENDENT