



AGILOX OFL

THE VERSATILE COMPANION



MORE DETAILS

Lifting perspectives & possibilities.

The AGILOX OFL expands material handling performance with AI-powered transport and lifting capabilities. This autonomous mobile robot moves pallets and customer specific load carriers weighing up to 800 kg from floor-to-station – without requiring any infrastructure modifications. With the ability to pick up goods from stations, conveyors, and rack systems at heights of up to 1,200 mm (47.2 in), the AGILOX OFL sets new benchmarks for automated racking and reliable stacking operations.

FEATURES & USP



Conveyor applications
without modifications



Racking and stacking up to
1,200 mm (47.2 in)



AI-powered
X-SWARM Technology



Consistent movement in the
supply chain because of
intelligent opportunity charging



Highest Safety Standards
with 360° Safety Field



Minimal space requirements
because of omnidirectional
movement

AGILOX OFL

MAX. PAYLOAD

800 kg
1,764 lbs

MAX. LIFT HEIGHT

1,390 mm
54.7 in

MAX. STATION HEIGHT

1,200 mm
47.2 in

TURNING CIRCLE

2,200 mm
86.6 in

MAX. SPEED

1.4 m/s
4.6 ft/s

agilox.net

CERTIFICATIONS

- CE certified
- Compliant to ISO 3691-4
- Compliant to UL 3100

DIMENSIONS



* Data for 1,200 mm forks

FORK DIMENSIONS

Entry height floor	100 mm 4 in
Fork height floor	95 mm 3.7 in
Entry height elevated	80 mm 3.2 in
Fork height elevated	70 mm 2.8 in
Fork width	205 mm 8.1 in
Overall fork width	577 mm 22.7 in

USE CASES AND LOAD CARRIERS

- Focused on floor-to-station transports
- VNA (very narrow aisle) applications with 1,900 mm (78.4 in) aisle width
- Conveyor feeding without infrastructure modifications
- Stacking of identical load carriers
- Racking use cases up to 1,200 mm (47.2 in)



EUR 1
(Euro pallet)



EUR 6
(Euro half pallet)



EUR 3
(Industrial pallet)



Adapter pallet
for dollies



Customer specific
load carriers

INSTATOUGH-PANEL - FUNCTIONS

- Easy to read & quick access
- Instant status information
- Start, skip or cancel orders
- Manual movement of the vehicle
- Display of customer logo on screen saver



AGILOX OFL VARIATIONS

Fork length	Payload	Max. lift height	Max. station height
1,200 mm 47.2 in	800 kg 1,764 lbs	1,390 mm 54.7 in	1,200 mm 47.2 in
1,200 mm 47.2 in	1,200 kg 1,764 lbs	1,390 mm 54.7 in	1,200 mm 47.2 in

AVAILABLE OPTIONS



Obstacle Avoidance



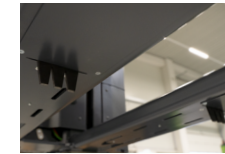
InstaTouch-Panel



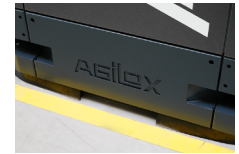
Barcode Reader



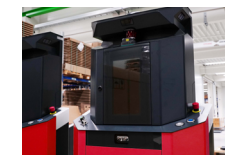
Floor Spot



ESD Protection Basic



Rubber Guard Front



Design Package

ADDITIONAL ITEMS



Stationary Charging
Device



Mobile Charging Device

AGILOX OFL

DIMENSIONS (L X W X H)		1,635 x 800 x 1,988 mm 64 x 31 x 787 in	1,635 x 800 x 1,988 mm 64 x 31 x 787 in
LOAD CARRIER		Euro Pallet 1,200 x 800 mm 47.2 x 31.5 in	Industrial Pallet 1,000 x 1,200 mm 40 x 48 in
MIN. PASSAGE WIDTH	A	1,400 mm 55.1 in	1,600 mm 62.9 in
MIN. AISLE WIDTH	B	1,600 mm 62.9 in	1,800 mm 70.9 in
IDEAL AISLE WIDTH	C	2,000 mm 78.7 in	2,200 mm 86.6 in
MIN. AISLE WIDTH (TWO-WAYS)	D	2,600 mm 102.4 in	3,000 mm 118.1 in
IDEAL AISLE WIDTH (TWO-WAYS)	E	2,900 mm 114.2 in	3,300 mm 130 in
MIN. AISLE WIDTH (PARALLEL)	F	1,900 mm 74.8 in	1,900 mm 74.8 in
TURNING CIRCLE	G	2,200 mm 86.6 in	2,300 mm 90.6 in
BLOCK STORAGE GAP	H	50 mm 2 in	50 mm 2 in
BLOCK STORAGE GAP	I	200 mm 7.9 in	200 mm 7.9 in
SINGLE STATIONS	J	100 mm 4 in	100 mm 4 in

SPACE REQUIREMENTS

