

AGILOX OFL

OMNIDIRECTIONAL FREE LIFTER

AGILOX



Lifting perspectives & possibilities!

The AGILOX OFL is the latest innovation in the AGILOX product family. The scissor-free, AI powered Autonomous Mobile Robot can effortlessly transport and lift pallets and custom-tailored load carriers weighing up to 800 kg from floor to station without the need of any infrastructure changes. With the ability to seamlessly pick up goods from stations, conveyors, and racks up to 1 200 mm high, the AGILOX OFL elevates automation to the next level with its reliable racking and stacking capabilities.

FEATURES & USP

- Serving elevated stations such as conveyors without infrastructure modifications
- Stacking of identical load carriers and racking up to 1 200 mm
- Highest safety standards with 360° safety zone
- AI-powered X-SWARM Technology
- Fast and easy human machine interaction thanks to optional touch display

USE CASES AND LOAD CARRIERS

- Conveyor applications without infrastructure modifications
- Stacking applications
- Racking (shelf) applications
- Open pallets, e.g. EPAL, IPAL, box pallets, custom load carriers



TECHNICAL DETAILS



Specifications

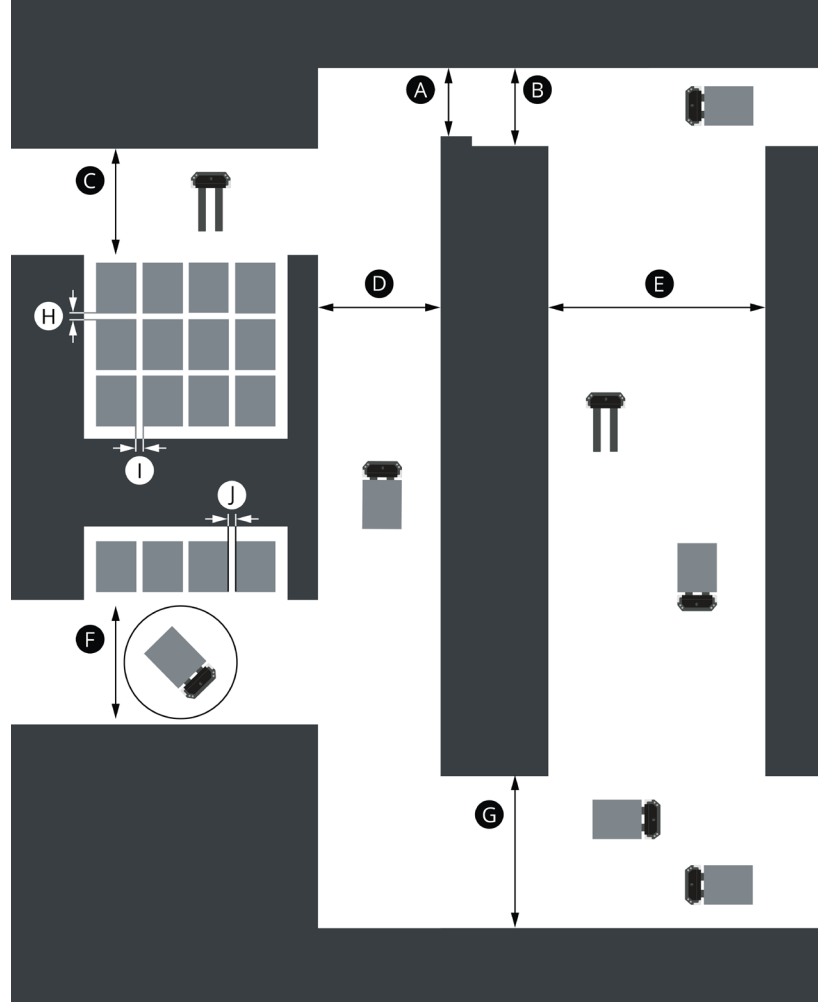
Payload	800 kg 1,764 lbs
Station height	1,200 mm 47.24 in
Lifting height	1,390 mm 54.72 in
Speed max	1,4 m/s 4.59 ft/s
Turning cycle	2,200 mm 86.61 in

Dimensions

Height	1,988 mm 78.31 in
Width	800 mm 31.5 in
Length	1,655 mm 64.42 in
Weight	575 kg 1,268 lbs

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DIMENSIONS (L X W X H)		1,635 x 800 x 1,988 mm 64.4 x 31.5 x 787.3 in
LOAD CARRIER		Pallet 1,200 x 800 mm 47.2 x 31.5 in
MIN. PASSAGE WIDTH	A	1,400 mm 55.1 in
MIN. AISLE WIDTH	B	1,600 mm 62.9 in
MIN. AISLE WIDTH (PARALLEL)	C	1,900 mm 74.8 in
IDEAL AISLE WIDTH	D	2,000 mm 78.7 in
IDEAL AISLE WIDTH (TWO-WAYS)	E	2,900 mm 114.2 in
TURNING CIRCLE	F	2,200 mm 86.6 in
MIN. AISLE WIDTH (TWO-WAYS)	G	2,600 mm 102.4 in
BLOCK STORAGE GAP	H	50 mm 2 in
BLOCK STORAGE GAP	I	200 mm 7.9 in
SINGLE STATIONS	J	100 mm 4 in



USE CASE AGILOX ONE

Floor-2-floor
Stations up to 1 000 mm
Payload up to 1 000 kg

Available fork length

1 200 mm 1 600 mm
1 400 mm 1 800 mm

Tote picking applications (AGILOX Box Carrier)
Narrowfork applications (AGILOX NFK)
Certified for clean room applications (Class 6)
Stainless steel forks

USE CASE AGILOX OFL

Floor-2-station
Stations up to 1 200 mm
Payload up to 800 kg

Available fork length

1 200 mm

Conveyor applications without infrastructure modifications
Stacking applications
Racking (shelf) applications

CERTIFICATIONS

- CE certified
- ISO 3691-4 & UL compliant

AVAILABLE OPTIONS

- Obstacle Avoidance
- Display – Touch panel
- Rubber guard front
- ESD Protection
- Barcode reader
- Floorspot blue (included)



PRODUCT PAGE

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