

FAST MOVING TECHNOLOGY

STÄUBLI

Mobile Robotics Portfolio

We move your business



Unique modular Mobile Robotics portfolio



Platform

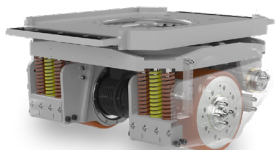


Forklift



Sterimove

Our value proposition



High-end technology

Patented drive unit:
robust, precise & high payload

20+

Deep expertise

20+ years of experience
serving world-class customer



Modular design

Modular design with large
add-ons portfolio

Serving many industrial applications



Automotive



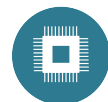
Aeronautics



Energy



Railway



Semiconductor



Heavy
industry



Industrial
intralogistics



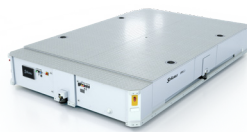
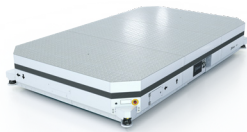
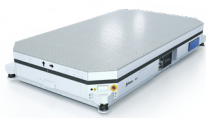
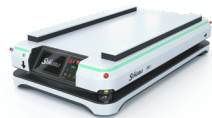
Pharma



And many
more

Optimizing Mobile Robotics fleet efficiency





Platform

Forklift

Shuttle

	PF3	PF3 OMNI	PF6	PF10	PF30	PF80	FL1500		Sterimove
Max. payload (tons)	3	3	6	10	30	80	1.5	Max. payload (kg)	250
Dimension LxWxH (mm) (without lift unit)	1 750 x 996 x 350	2 400 x 1 035 x 350	2 390 x 1 320 x 360	3 000 x 1 755 x 350	3 650 x 2 135 x 560	4 150 x 2 665 x 660	2 452 x 1 000 x 2 644	Dimensions LxWxH (mm)	804 x 701 x 575
Lift unit stroke (mm) on request	100		180	150	230	250	1 839	Grade	Up to grade A
Battery	Li-ion 48V						Li-ion 48V	Battery	Li-ion 48V
Charging technology	Inductive	Conductive or inductive		Conductive			Inductive	Charging technology	Inductive
Drive type	Tricycle	Omnidirectional					Tricycle	Drive type	Differential
Max. speed (m/s)	Up to 1.6	Up to 1.1			Up to 1.4		Up to 1.6	Max. speed (m/s)	Up to 1.2
Position accuracy (mm)	Up to ± 5						Up to ± 5	Position accuracy (mm)	Up to ± 10
Navigation	Laser natural feature 2D code camera						Laser natural feature	Navigation	Laser natural feature
Slope (%)	Up to 3						Up to 3	Slope (%)	Up to 1
Floor conditions	Can withstand floor irregularity						Can withstand floor irregularity	Hygienic design	Ac. to EHEDG guideline
Outdoor at rated conditions	-				✓		-	Wheel design	Prevent cross-contamination and microbial growth
Human safety	360°						360°	Human safety	360°

Add-ons

Option

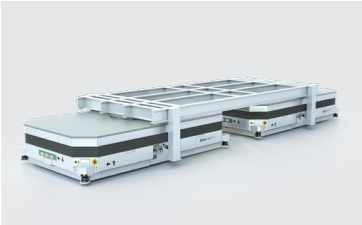
Top module



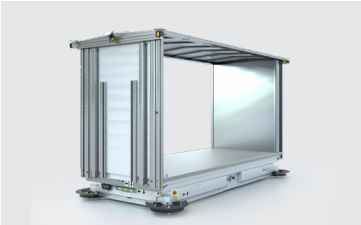
Lift unit
Electric spindle, electric scissor or hydraulic cylinder lift unit.



Conveyor
Connecting various processes together.



Coupling mode
Providing flexibility, high precision and smooth motion along the manufacturing process.



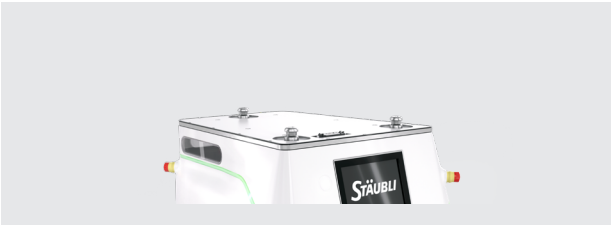
Housing
Protecting the transported good while operating outdoor.



Swap body
Moving containers in the outdoor logistics area.



QR code reader
Automated detection of material codes.



Application-driven
Application kit for system integrators to develop the right top module solution.



● Stäubli Units ○ Representatives/Agents

Global presence of the Stäubli Group



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