

FAST MOVING TECHNOLOGY

STÄUBLI



RAM SOLUTIONS, LLC

PF3

Data sheet



reddot winner 2023

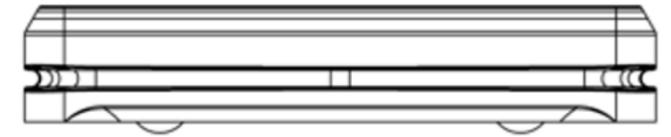
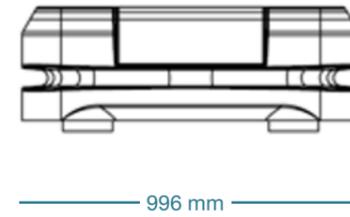


reddot winner 2023
best smart product



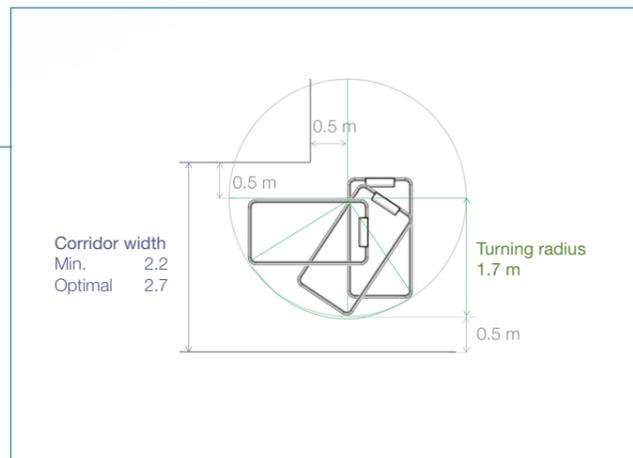
AGV PLATFORM

PF3



Performance

	Standard	Option
Payload (tons)	Up to 3	
Drive type	Tricycle	
Turning radius (m)	1.7	
Ground clearance min. (mm)	30	
Max. speed (m/s)	Up to 1.6	
Position accuracy (mm)	Up to ± 10	Up to ± 5
Navigation	Laser natural feature	Hybrid navigation: +2D code camera (floor)
Dead weight (kg)	615	



Safety

	Standard	Option
Human safety	Laser scanner	
Emergency stop button	✓	
Visual safety	LED strip	
Collision avoidance		Coming soon

Communication / Software

	Standard	Option
Key panel	✓	
10" touch display	✓	
Add-ons interface		✓
Wireless communication	Wifi	5G

Energy

	Standard
Battery technology	Li-ion 48V
Charging system (underneath)	Inductive
	Standard Battery
Capacity (Ah)	76.5
Charge time to 90% (min)	90
Runtime (h)	8

Installation environment

Working temperature	+5°C to 40°C (DIN EN ISO 3691-4)
Protection class	Up to IP54
Compliance	CE
Slope (%)	Up to 3
Floor conditions	Can withstand floor irregularity
Indoor	✓

Add-ons



Lift unit (stroke +100 mm)
Height: 400 mm

Accessories



Remote control



● Stäubli Units ○ Representatives/Agents

Global presence of the Stäubli Group

www.ramsolutions.com

sales@ramsolutions.com



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