

AFi-H

Autonomous Forklift Indoor - Heavy



manual  autonomous

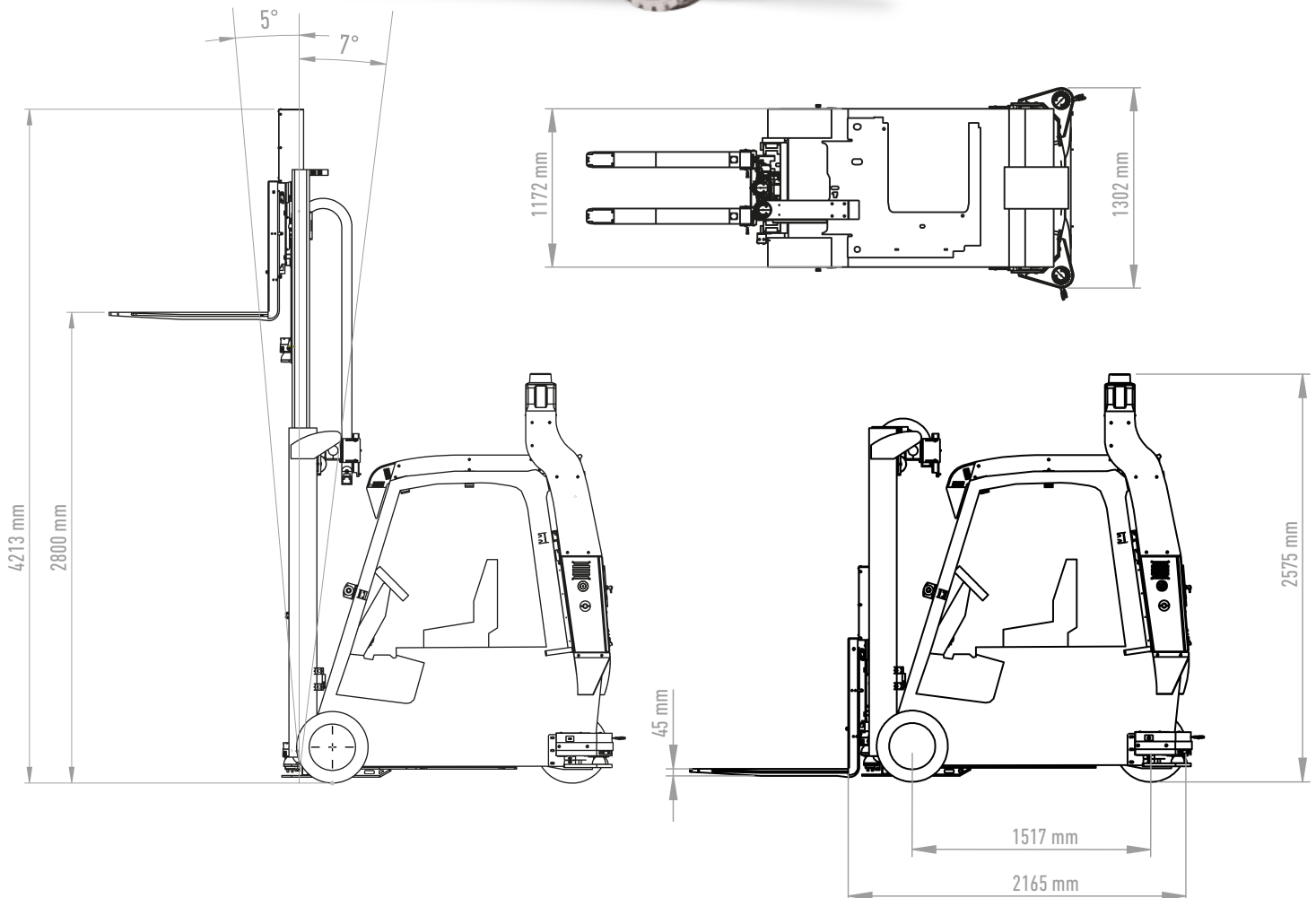
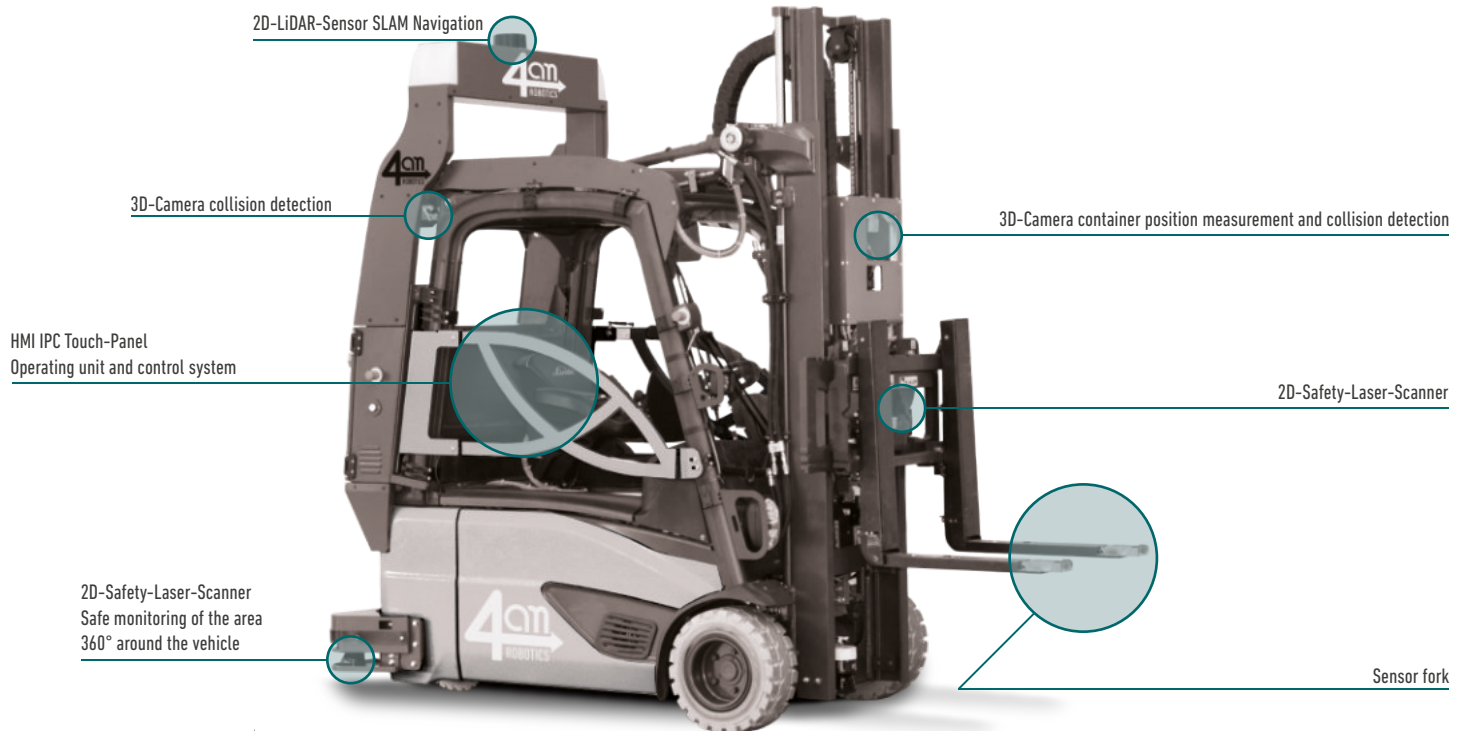
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Technical data and illustrations not binding for deliveries. Subject to change without notice.

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scia
AUTOMATION

Technical data	
Base unit	Linde E20L
Self-weight	3.815 kg
Payload at 500 mm LSP (Load center distance)	1.960 kg
Payload at 1000 mm LSP (Load center distance)	1.000 kg
Max. lifting height	2.800 mm
Max. Speed (v-Max)	2,5 m/s / 9 km/h
Manual operation	Anytime possible
Automation	
Automation system	SIEMENS TIA + ROS
Type of navigation	SLAM
Positioning precision (localization)	+/- 20 mm
Complies with safety standard	CE-certified according to DIN EN ISO 3691-4
Safety technology (Personal protection)	3x 2D-Safety-Laser-Scanner
Protection of elevated loading / unloading area (Option) Safe container detection with protection field switching (Option)	2D-Safety-Laser-Scanner on-board and height-adjustable
Collision detection (Option)	2x 3D-Camera
Container measurement (Option)	3D-Camera
Container identification (Option)	Code-Scanner 2D / 3D
Weight detection (Option)	Sensor forks
Energy source	
Type of battery	Lithium-ion 420Ah / 630Ah / 840Ah
Charging process	Automatic & manual charging
Communication	
VDA5050	Ready
Technology	WiFi / 5G



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Runway requirement

Example euro pallet 1.200 x 800 mm

