

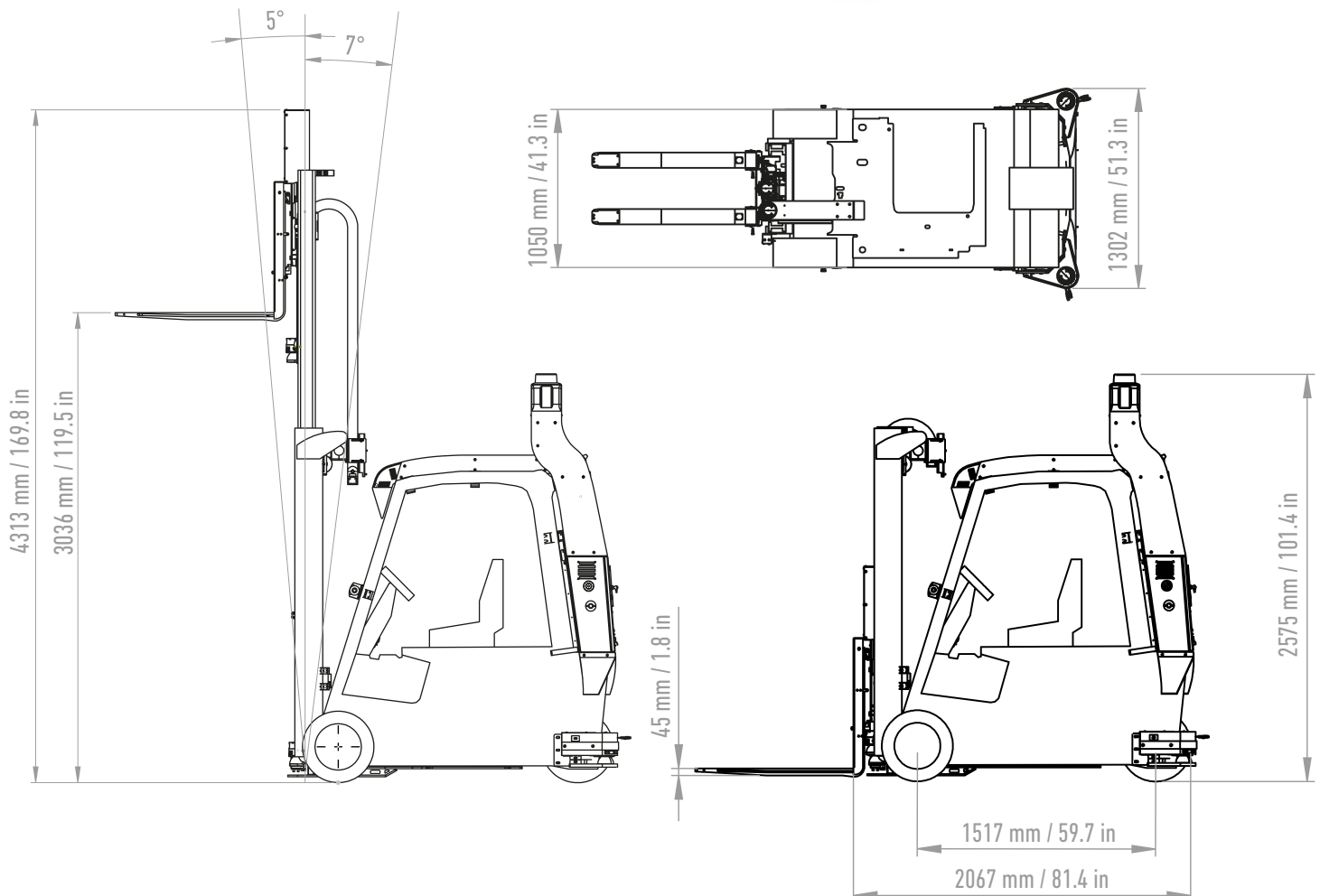
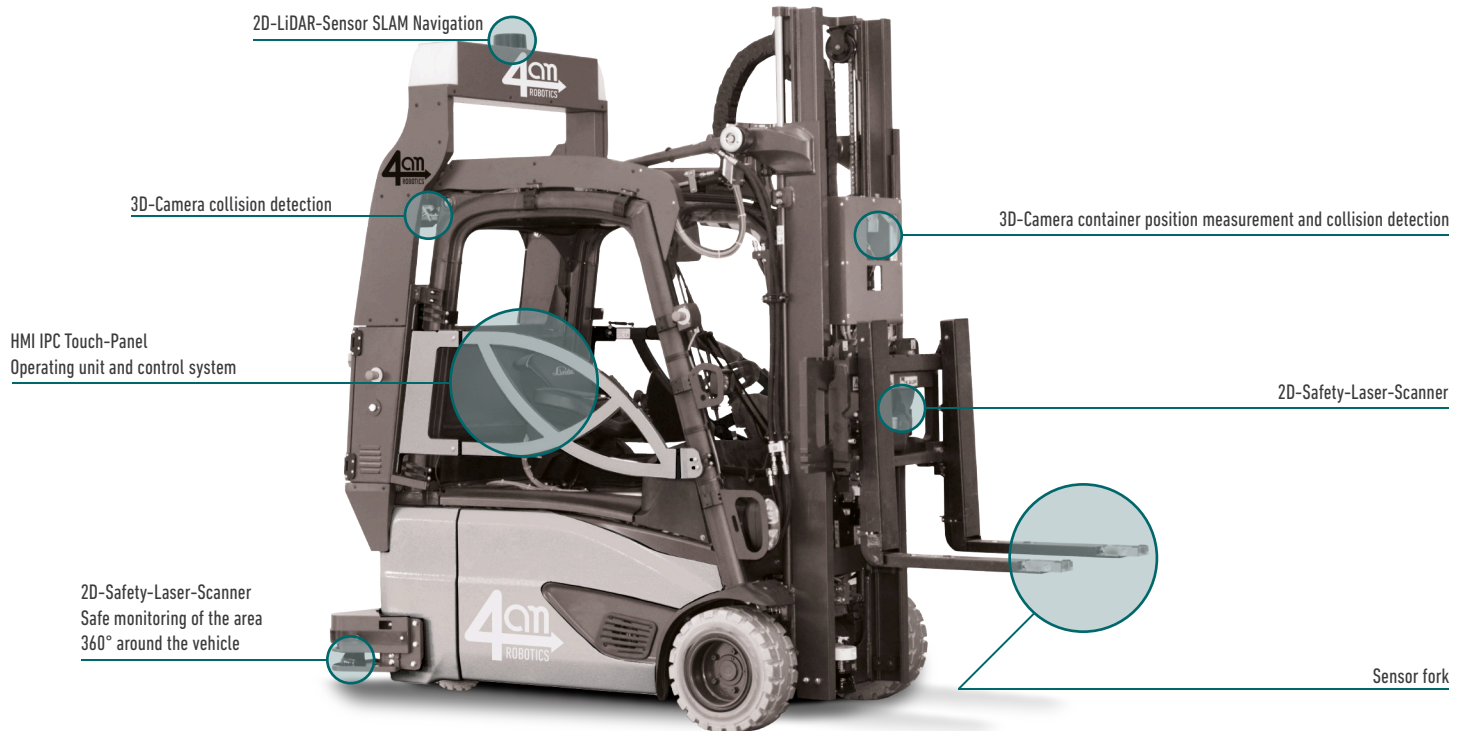
AFi-H

Autonomous Forklift Indoor - Heavy



manual  autonomous

Technical data	
Base unit	Linde E20L
Self-weight	3.815 kg (8,410.5 lbs)
Payload at 500 mm (19.7 lbs) LSP (Load center distance)	1.960 kg (4,321.0 lbs)
Payload at 1000 mm (39.4 lbs) LSP (Load center distance)	1.000 kg (2,204.6 lbs)
Max. lifting height	2.900 mm (114.2 in)
Max. Speed (v-Max)	2,5 m/s / 9 km/h (5.6 mph)
Manual operation	Anytime possible
Load carrier	
Standard dimension load (L x W x H)	2.400 x 2.400 x 2.740 mm (94.5x94.5x107.9 in)
Automation	
Automation system	SIEMENS TIA + ROS
Type of navigation	SLAM
Positioning precision	+/- 20 mm (+/- 0.79 in)
Complies with safety standard	DIN EN ISO 3691-4
Safety technology (Personal protection)	3x 2D-Safety-Laser-Scanner
Protection of elevated loading / unloading area (Option)	2D-Safety-Laser-Scanner
Safe container detection with protection field switching (Option)	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 / lead-acid / fuel cell
Charging process	Automatic & manual charging
Communication	
VDA5050	Compatible
Technology	WiFi / 5G



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Runway requirement

Example euro pallet 1.200 x 800 mm
(47.2x31.5 in)

