



ADVANTAGES



Compactness

Very narrow aisle required, up to 1,650mm
Compact body, capable to spin around
in the aisle.



Flexibility

Directly transfers and lifts the pallet from ground
without and pallet frame.
Easy deployment, performance on demand by
changing the number Bots.



Intelligence

Adopts LIDAR to scan the pallet with correction algorithm.
Intelligently inspects the pallet fork hole angle.
Self-correct to complete pallet forking.



Efficiency

1.5 seconds positioning time,
more efficient than traditional forklifts.



Safety

5m wide range obstacles detection function.
With CE level architecture and ISO3691-4
international standard.



Endurance

Up to 8 hours active operation time with maximum
payload.
2 hours auto quick charge, battery can be manually
replaced as well.



Model	CL1QS(1m)	CL1QS(2m)
Overall Dimension (L×W×H) (mm)	1,500*1,500*2,080	1,500*1,500*3,080
Weight (kg)	700	850
Turning Radius (mm)	925	925
Load Capacity (kg)	1,000	600 (>1m) , 1,000 (≤1m)
Lifting Height(mm)	0~1,000	0~2,000
Safety Protection	Laser + Physical Obstacle Avoidance	Laser + Physical Obstacle Avoidance
Applicable Pallet Size (mm)	1,000*1,200、1,200*1,200	1,000*1,200、1,200*1,200
Positioning Accuracy (mm)	±10	±10
Rated Speed (m/s)	1.2	1.2
Navigation	Hybrid SLAM /QR code	Hybrid SLAM /QR code
Minimum Aisle Widths (mm)	1,650/1,850	1,650/1,850
Endurance (h)	8	8

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