Very-narrow-aisle Fork-type Robot
VFR-CL Series

GALAXIS
— 02729.HK —



ZHEJIANG GALAXIS TECHNOLOGY GROUP CO., LTD.
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VFR-CL Robot Specification

Specification	VFR-CL1	VFR-CL2	VFR-CL3	VFR-CL4
External Dimension (L*W*H)	1,500*1,500*3,050 mm	1,500*1,500*1,970 mm	1,500*1,520*2,630 mm	1,690*1,550*3,500 mm
Weight	1,200 kg	1,200 kg	1,500 kg	1,900 kg
Min. Rotation Radius	925 mm	800 mm	930 mm	1,000 mm
Aisle Width	1,650 mm	1,650 mm	1,700 mm	1,750 mm
Rated Load	1,000 kg	1,000 kg	1,000 kg	1,500 kg
Max. Lifting Height	2,200 mm	2,400 mm	3,800 mm	5,000 mm
Operating Temperature	0-40 °C	0-40 °C	0-40 °C	0-40 °C
Rated Speed	1.2 m/s	1.2 m/s	1.2 m/s	1.2 m/s
Loaded Speed	1.0 m/s	1.0 m/s	1.0 m/s	1.0 m/s
Navigation	QR code/SLAM+ QR code	SLAM+ QR code	SLAM+ QR code	QR code/SLAM+ QR code
Position Accuracy	±5 mm	±5 mm	±5 mm	±5 mm
Obstacle Clearance Height	5 mm	5 mm	5 mm	5 mm
Obstacle Clearance Width	30 mm	30 mm	30 mm	30 mm
Climbing Ability	3 %	3 %	3 %	3 %
Battery Type	LFP	LFP	LFP	LFP
Charging Mode	Manual / Auto	Manual / Auto	Manual / Auto	Manual / Auto
Charging Cycles	≥1,500	≥1,500	≥1,500	≥1,500
Charging Time	2 h	2 h	2 h	2.9 h
Run Time	12 h	12 h	8 h	8 h

Very-narrow-aisle Fork-type Robot
VFR-CS Series

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VFR-CS Robot Specification

Specification	VFR-CS1	VFR-CS3
External Dimension (L*W*H)	1,650*1,550*3,610 mm	1,990*1,550*3,689 mm
Weight	3,100 kg	2,900 kg
Min. Rotation Radius	1,035 mm	1,175 mm
Aisle Width	1,750 mm	1,750 mm
Rated Load	1,000 kg	1,000 kg
Max. Lifting Height	5,100 mm	5,100 mm
Operating Temperature	0-40 °C	0-40 °C
Rated Speed	1.2 m/s	1.2 m/s
Loaded Speed	1.0 m/s	1.0 m/s
Navigation	QR code/SLAM+ QR code	QR code/SLAM+ QR code
Position Accuracy	±5 mm	±5 mm
Obstacle Clearance Height	5 mm	5 mm
Obstacle Clearance Width	30 mm	30 mm
Climbing Ability	3 %	3 %
Battery Type	LFP	LFP
Charging Mode	Manual / Auto	Manual / Auto
Charging Cycles	≥1,500	≥1,500
Charging Time	2.9 h	2.9 h
Run Time	8 h	8 h

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VFR-CC Robot Specification

Specification	VFR-CC6	VFR-CC9
External Dimension (L*W*H)	2,223*1,550*4,500 mm	2,350*1,550*4,710 mm
Weight	5,100 kg	6,850 kg
Min. Rotation Radius	1,900 mm	1,900 mm
Aisle Width	1,800 mm	1,800 mm
Rated Load	1,500 kg	1,500 kg
Max. Lifting Height	6,300 mm	9,300 mm
Operating Temperature	0-40 °C	0-40 °C
Rated Speed	1.0 m/s	1.0 m/s
Loaded Speed	1.0 m/s	1.0 m/s
Navigation	QR code	QR code
Position Accuracy	±5 mm	±5 mm
Obstacle Clearance Height	3 mm	3 mm
Obstacle Clearance Width	5 mm	5 mm
Climbing Ability	3 %	3 %
Battery Type	LFP	LFP
Charging Mode	Manual / Auto	Manual / Auto
Charging Cycles	≥1,500	≥1,500
Charging Time	1.5 h	1.6 h
Run Time	8 h	8 h