

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

**GALAXIS**  
— 02729.HK —



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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        | 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                  |