智能 Intelligence
搬出效能 Efficiency

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Omark Modular Mobile Robot OMR SPMT AGV

OMARK 欧米麦克

- Modular Design
- Outdoor Operation
- Multi-Vehicle Coordination
- Hundreds-Ton Carrying Capacity
- Reflectorless 3D Laser SLAM Navigation



OMR Omark Modular Mobile Robot

SPMT AGV

OMARK 欧米克

Model	402L	403L	404L
Payload	50T	75T	100T
Self-Weight	15T	16.5T	18T
Dimensions (L×W×H)	8200×2430×1150mm		
Max. Speed	5km/h		
Total Power	160Kw		
Motion Functions	Forward, Backward, Lateral Motion, Rotation		
Lifting Stroke	600mm		
Operating Time	4h		
Navigation Method	3D Laser SLAM + RTK		

Multi-Vehicle Modular Combination & Multi-Vehicle Coordination

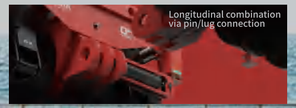
Transverse combination, Longitudinal combination, 4-unit combination, Multi-vehicle coordination



Articulated-Arm Hydraulic Lifting Suspension Wheel Set

- Single-wheel load capacity: 20 T
- Max. operating speed: 5 km/h
- Lifting stroke: 600 mm
- Rubber tires for outdoor operation







Expandable Axle Line Configurations



402L
2-axle line AGV: 50T load capacity



403L
3-axle line AGV: 75T load capacity



404L
4-axle line AGV: 100T load capacity



3D Navigation LiDAR
3D laser SLAM + RTK hybrid navigation

3D Obstacle Avoidance LiDAR
360° omnidirectional safety protection
Autonomous obstacle avoidance

Lug & Pin Plate
Multi-vehicle modular combination

2D Obstacle Avoidance LiDAR
360° omnidirectional safety protection
Autonomous obstacle avoidance

Clearance Light Turn Signal

Power & Control Unit
Modular design
Easy maintenance

3D Obstacle Avoidance LiDAR
360° omnidirectional safety protection
Autonomous obstacle avoidance

Articulated-Arm Hydraulic Lifting Suspension Wheel Set
Omnidirectional movement
Precise control
Compact structure

Side-by-Side Coupling Mounting Interface
Multi-vehicle modular combination