

TUGGER

AB-FLB-TG50

ATOMBOTIX



Precise control



Combining multiple navigation and electromagnetic braking technologies enables AGV to accurately control vehicle speed and position, ensuring safety during transportation

Quick response



Advanced navigation technologies such as electromagnetic navigation, laser navigation, etc. are adopted to ensure that AGV can quickly and accurately respond to instructions and complete transportation tasks

Flexible Path



The system supports multiple navigation methods, which can be flexibly selected or combined according to actual needs to achieve flexibility and scalability of the path

Model	AB-FLB-TG50
Feature	
Power Type	Electric
Driving Style	AGV
Rated Load Capacity	5000 kg
Wheelbase	1085 mm
Wheel	
Tire Type	Polyurethane
Tire Size, Drive Wheel	Φ250×100 mm
Tire Size, Load-Bearing Wheels	Φ210×85 mm
Number of Wheels, Drive Side (x=Drive Wheels)/Load-bearing Side	1x-2
Track Width, Load-Bearing Side	719 mm

Basic Dimension	
Total Height	1966.5 mm
Total Length	1289 mm
Total Width	500 mm
Manual Handle Height	1720 mm
Charging Pad Height	1060 mm
Minimum Ground Clearance	55 mm
Minimum Turning Radius	1422 mm
Performance	
Driving Speed, Full Load / Unload	5/6 km/h
Rated Traction Force	1000 N
Maximum Traction Force	3200 N
Maximum Climbing Ability, Full load / Unload	5% / 8%
Driving Brake Mode	Electromagnetic braking
Electrical parameter	
Drive Motor Power	3 KW
Steering Motor Power	0.4 KW
Battery Type	lithium iron phosphate battery
Battery Voltage/Rated Capacity	24/210 V/AH
Weight of Battery	58 kg

