

# TUGGER

## AB-FLB-TG50

# ATOMBOTIX



### Cost competitive & modular design



With market proven supply chain, it is perfect for prototypes & scaling.

### Fully electric, optimized for automation



Motor/Driver/Encoder included.

### Lithium-ion powered



Built-in LFP battery, modular design, longer battery life, faster charging, higher capacity availability.

### Pre-designed sensor brackets



Ensured consistency, no need for self modification.

### Slim Size & Compact Manuver



Super compact space requirement allows more available space of the warehouse and less requirement for the aisle.

### Open design and protocols



Open mechanical & electrical database, open control protocol.

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
<b>Performance</b>	
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
<b>Electrical parameter</b>	
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

