

TUGGER

AB-FLB-TG30

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 Manuever



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-TG30
Feature	
Power Type	Electric
Driving Style	AGV
Rated Load Capacity	3000 kg
Wheelbase	1085 mm
Weight	
Self Weight (Including Battery)	
Bridge Load at Full Load, Driving side / Load-Bearing Side	
Bridge Load When Unloaded, Driving Side / Load-bearing Side	
Wheel	
Tire Type	Polyurethane
Tire Size, Drive Wheel	Φ230×75 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	1720 mm
Total Width	1060 mm
Manual handle Height	1289 mm
Charging Pad Height	500 mm
Minimum Ground Clearance	55 mm
Minimum Turning Radius	1422 mm
Performance	
Driving Speed, Full Load / Unload	5/6 km/h
Rated Traction Force	600 N
Maximum Traction Force	2400 N
Maximum Climbing Ability, Full load / Unload	5% / 8%
Driving Brake Mode	Electromagnetic braking
Electrical parameter	
Drive Motor Power	2.2 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

