

Electric Forklifts 1.5 to 2t, 3 wheel – 7-Series Plus



Discover our dependable and reliable 7-Series Plus electric 3-wheel forklifts. With ergonomic controls and intuitive operation, these forklifts offer high-performance capabilities, operator comfort, easy maintenance, and value for money, with a low total cost of ownership.

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Specifications

	B15T-7 Plus	B18T-7 Plus	B20T-7 Plus
Key Specifications			
Capacity	1500 kg	1750 kg	2000 kg
Load Centre	500 mm	500 mm	500 mm
Lifting Height (Range)	3000-7020 mm	3000-7020 mm	3000-7020 mm
Travel Speed	17 km/h	17 km/h	17 km/h
Battery Voltage	48/440 V/Ah	48/510 V/Ah	48/585 V/Ah

Characteristics			
Drive	AC Electric	AC Electric	AC Electric
Operator Type	Driver Seated	Driver Seated	Driver Seated
Load Capacity	1500.00 kg	1750.00 kg	2000.00 kg

Load Center	500.00 mm	500.00 mm	500.00 mm
Load Distance: Center of Drive axle to fork	376.00 mm	376.00 mm	381.00 mm
Wheelbase	1323.00 mm	1423.00 mm	1446.00 mm

Weights ▲

Operating Weight	3028.00 kg	3142.00 kg	3472.00 kg
Axle Loading. loaded. front	3988.00 kg	4358.00 kg	4841.00 kg
Axle Loading. loaded. rear	540.00 kg	534.00 kg	631.00 kg
Axle Loading. unloaded. front	1495.00 kg	1530.00 kg	1623.00 kg
Axle Loading. unloaded. rear	1533.00 kg	1612.00 kg	1849.00 kg

Tyres ▲

Tyres: pneumatic (P). solid (S)	E/C	E/C	E/C
Tyre size. Front	18X7-8 ¹	18X7-8 ¹	200X50-10
Tyre size. Rear	15X4.5-8 ²	15X4.5-8 ²	16X6-8
Wheels. number Front/Rear (x = driven wheels)	2X/2	2X/2	2X/2
Tread. Front	902.00 mm	902.00 mm	912.00 mm
Tread. Rear	167.00 mm	167.00 mm	201.00 mm

Dimensions ▲

Tilt of Mast/Fork carriage forward	5.00 °	5.00 °	5.00 °
Tilt of Mast/Fork carriage backward	7.00 °	7.00 °	7.00 °
Height. Mast lowered	2000.00 mm	2000.00 mm	2000.00 mm
Free Lift	130.00 mm	130.00 mm	135.00 mm
Maximum fork height	3300.00 mm	3300.00 mm	3300.00 mm
Height. Mast	4345.00 mm	4345.00 mm	4350.00 mm

Extended			
Height of Overhead Guard	2010.00 mm	2010.00 mm	2010.00 mm
Height of Seat	919.00 mm	919.00 mm	919.00 mm
Overall Length	2791.00 mm	2891.00 mm	2929.00 mm
Length to Forkface	1891.00 mm	1991.00 mm	2029.00 mm
Overall Width	1090.00 mm	1090.00 mm	1119.00 mm
Fork Dimensions	35.00 mm	35.00 mm	40x100x900
Fork carriage ISO 2328. class/type A.B	II	II	II
Fork carriage width	973.00 mm	973.00 mm	973.00 mm
Ground Clearance. loaded. below mast	86.00 mm	86.00 mm	86.00 mm
Ground Clearance. center of wheelbase	100.00 mm	100.00 mm	100.00 mm
Aisle width for pallets 1.000 x 1.200 crossways	3216.00 mm	3316.00 mm	3354.00 mm
Aisle width for pallets 800 x 1.200 lengthways	3341.00 mm	3441.00 mm	3479.00 mm
External Turning Radius	1515.00 mm	1615.00 mm	1648.00 mm
Internal Turning Radius	0.00 mm	0.00 mm	

Performance			
Travel Speed	17.00 km/h	17.00 km/h	17.00 km/h
Lift Speed, loaded/unloaded	400.0/600.0 m/s	400.0/600.0 m/s	400.0/600.0 m/s
Lowering Speed, loaded/unloaded	500.0/450.0 m/s	500.0/450.0 m/s	500.0/450.0 m/s
Max. Drawbar pull. loaded/unloaded	12749.0/12,749 N	12749.0/12,749 N	12749.0/12,749 N
Max. Gradeability. loaded/unloaded	26.0/26.0 %	25.0/25.0 %	24.0/24.0 %
Service Brake	foot-electric	foot-electric	foot-electric

Electric Engine

Drive motor S2 60 min	6.0 X 2	6.0 X 2	6.0 X 2
Lift motor rating at S3 15%	14.00 kW	14.00 kW	14.00 kW
Battery Compartment	528 X 992 X 698 mm	638 X 992 X 698 mm	638 X 992 X 698 mm
Battery voltage, nominal capacity K5	48/440 V/Ah	48/510 V/Ah	48/585 V/Ah
Battery weight	700.00 kg	800.00 kg	1000.00 kg

Additional Data ▲			
Type of drive control	MOSFET Inverter	MOSFET Inverter	MOSFET Inverter
Operating pressure for attachments	140.00 bar	140.00 bar	216.00 bar

Features

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▾
- Productivity ⁴
▾
- Reliability ⁴
▾
- Safety ⁴
▾
- Serviceability ⁴
▾

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