12 Ton Electric Forklift

FE120



Ultimate Heavy-Duty Performance

The flagship FE120 is designed for extreme-duty applications, combining maximum lifting capacity with robust construction and advanced electric efficiency.

- Maximum lifting capacity in the range
- Built for extreme industrial use
- Powerful, stable, and reliable

Specs

General Specs	
Rated capacity	12000kg
Load center distance	600mm
Power type	Lithium/Battery
Driving type	Seated
Wheel base	2680mm
Tyre type	Solid
Wheel number (front/rear)	4x/2
Front tread	1600mm
Rear tread	1410mm
Tyre (front)	9.00-20
Tyre (rear)	300-15
Front overhang	700mm

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Mast tilting angle	6/12°
Max lifting height (std ZM300)	3000mm
Turning radius	3670mm
Overall length	4050mm
Overall width	2170mm
Travel speed (loaded/unloaded)	13/15km/h
Lifting speed (loaded/unloaded)	240/280mm/s
Lowering speed	600mm/s
Gradeability	15%
Total weight	14830kg
Battery voltage/capacity	80/1000V/Ah
Battery weight	2390kg
Drive motor power	30kW
Lift motor power	2x26kW
Controller	Inmotion
Brake	Hydraulic/Mechanical
Hydraulic pressure	19.5MPa
Load capacity (mast)	9500kg
Mast overall height	2850 / 2870mm
Free lift height	1360 / 1400mm
Tilt (mast)	6/12°