

ELECTRIC FORKLIFT – GSE15/5

CHARACTERISTICS

- The electric forklift truck is energy-saving, quiet and exhaust-free, making it perfect for indoor use.
- Small turning radius thanks to rear steering simplifies working in confined spaces.
- Electric battery and engine serve as counterweight for the truck
- Integrated charger for fast and reliable charging.
- Power-saving LED headlights and signal lights.
- Laterally adjustable forks allow transport of different goods, pallet cages and pallet sizes.
- Low mast height of 2190 mm for easy unloading, even from containers.



GENERAL

Type	Unit	Value
Brand		SolidHub
Model		GSE15/5
Traction weight	kg	1500
Traction weight at max. lift height	kg	1150
Load centre of gravity	mm	500
Operating mode		Battery
Driving mode		Sitting
Wheelbase (y)	mm	1475
Effective energy consumption	kW	4

WEIGHT

Type	Unit	Value
Total weight	kg	3202
Axle load: unladen, front / rear	kg	1294 / 1561
Axle load: loaded, front / rear	kg	3719 / 636

POWER

Type	Unit	Value
Driving speed (loaded / unloaded)	km/h	14.5 / 15
Lifting speed (loaded / unloaded)	mm/s	320 / 440
Lowering speed (loaded / unloaded)	mm/s	400 / 400
Gradeability (loaded / unloaded)	%	17 / 27
Max. Traction force (loaded)	N	10200
Acceleration time (10 m) (loaded / unloaded)	s	5.5 / 5.2

MOTOR AND CONTROL

Type	Unit	Value
Drive motor power S2 - 60 min.	kW	8
Power of the lifting motor - S3 15%	kW	10.6
Control mode of drive and hoist motor		MOSFET / AC
Service brake		Hydraulic
Parking brake		Mechanical
Working pressure of the hydraulic system	MPa	16

DIMENSIONS

Type	Unit	Value
Total length (l1)	mm	3350
Width of truck body (b1)	mm	1120
Mast tilt angle, forward / rearward	° (α / β)	6 / 6
Height of retracted mast (h1)	mm	2190
Free lift height (with fallback protection) (h2)	mm	1150
Max. Lifting height (h3)	mm	4800
Max. Height extended mast (h4)	mm	5814
Height of canopy (h6)	mm	2130
Seat height (h7)	mm	1125
Mast height	mm	2185
Trailer pin height (h10)	mm	250
Fork size (W x L x H)	mm	100 x 1150 x 35
Length of truck body (without fork) (l2)	mm	2200
Turning radius (Wa)	mm	2035
Distance between mast and ground (m1)	mm	100
Clearance between wheelbase centre and ground (m2)	mm	95
Axle centre to fork end (x)	mm	409
ISO suspension dimension	mm	2A to ISO2328
Aisle width (pallet 1000 x 1200 mm, clear width 200 mm)	mm	3725
Aisle width (pallet 800 x 1200 mm, clear width 200 mm)	mm	3770
Lateral fork adjustment (outside forks) min. / max. (b5)	mm	200 / 940

WHEELS

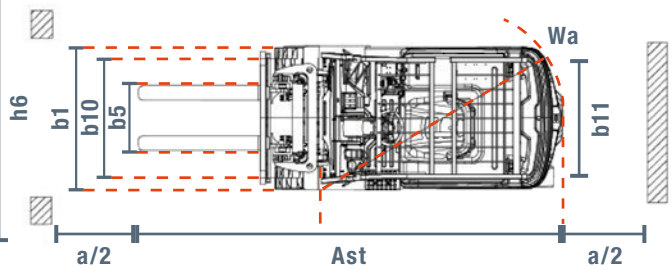
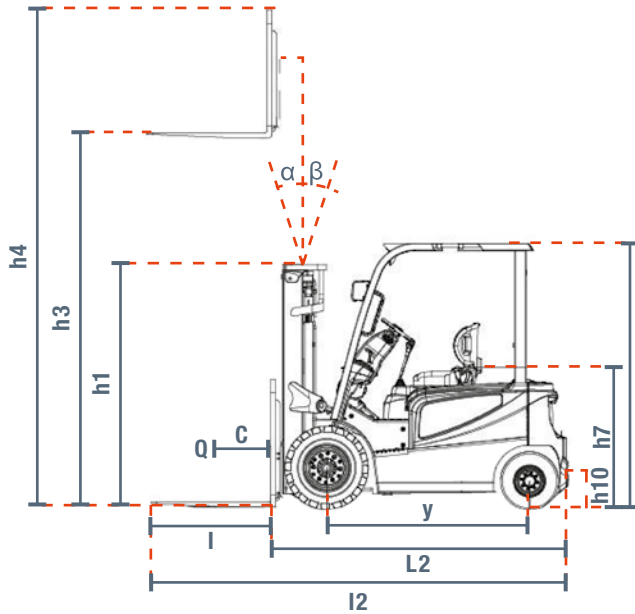
Type	Unit	Value
Tyre type		Pneumatic tyres
Number of tyres (front / rear)		2 / 2
Wheel distance front (b10)	mm	934
Wheel distance rear (b11)	mm	920
Tyres (front)		6.50-10-10PR
Tyres (rear)		16X6-8-10PR

INTEGRATED CHARGER

Type	Unit	Value
Charging voltage	V	80
Charging current	A	25

BATTERY

Type	Unit	Value
Rated voltage	V	80
Rated capacity	Ah	150
Weight	kg	180
Battery type		Li-Ion



LOAD CURVE

