

ELECTRIC FORKLIFT GSE35/5

CHARACTERISTICS

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



GENERAL

Type	Unit	Value
Brand		SolidHub
Model		GSE35/5
Traction weight	kg	3500
Traction weight at max. lifting height	kg	2350
Load center	mm	500
Operating mode		Battery
Drive mode		Sitting
Wheelbase (y)	mm	1750
Effective energy consumption	kW	7.1

TIRES

Type	Unit	Value
Tire type		Pneumatic tires
Number of tires (front / rear)		2 / 2
Wheel distance front (b10)		1000
Wheel distance rear (b11)		970
Tires (front)		28X9-15-14PR
Tires (rear)		18X7-8

PERFORMANCE

Type	Unit	Value
Driving speed (loaded / unloaded)	km/h	14.5 / 15
Lifting speed (loaded / unloaded)	mm/s	290 / 440
Lowering speed (loaded / unloaded)	mm/s	400 / 400
Gradeability (loaded / unloaded)	%	15 / 23
Max. Traction force (loaded)	N	17000
Acceleration time (10m) (loaded / unloaded)	s	6.1 / 5.2

WEIGHT

Type	Unit	Value
Total weight	kg	5340
Axle load (unloaded, front / rear)	kg	2110 / 2750
Axle load (loaded, front / rear)	kg	7630 / 730

DIMENSIONS

Type	Unit	Value
Mast tilt angle, forward / backward	° (α / β)	6 / 6
Height (retracted mast) (h1)	mm	2270
Free lift height (with fallback protection) (h2)	mm	1040
Max. Lifting height (h3)	mm	4800
Max. Height (extended mast) (h4)	mm	6017
Height of protective roof (h6)	mm	2180
Seat height (h7)	mm	1164
Trailer pin height (h10)	mm	310
Fork size (w x l x h)	mm	125 x 1200 x 50
Length (without fork) (l2)	mm	2572
Overall Width (b1)	mm	1260
Overall length (l1)	mm	3772
Turning radius (Wa)	mm	2300
Distance between mast and ground (m1)	mm	110
Clearance between wheelbase center and ground (m2)	mm	135
Axle center to fork end (x)	mm	482
ISO suspension dimension	mm	3A according to ISO2328
Aisle width (pallet 1000 x 1200 mm, clear width 200 mm)	mm	4117
Aisle width (pallet 800 x 1200 mm, clear width 200 mm)	mm	4117
Lateral fork adjustment (outside forks) Min. / Max. (b5)	mm	220 / 1060

ENGINE AND CONTROL

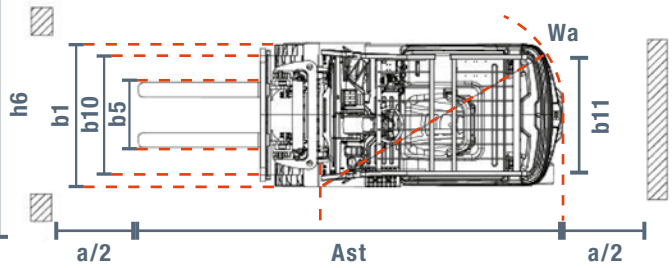
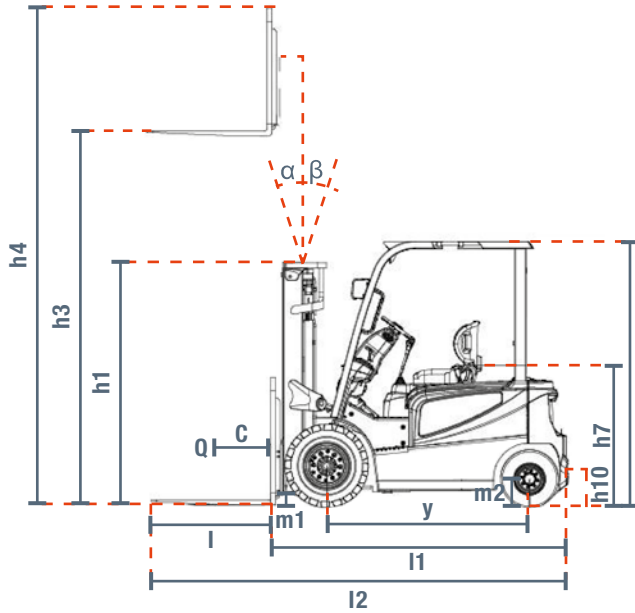
Type	Unit	Value
Power of the drive engine S2 – 60 min.	kW	15
Power of the lifting engine – S3 15%	kW	16
Control mode of the drive engine		MOSFET / AC
Lifting engine control mode		MOSFET / AC
Service brake		Hydraulic
Parking brake		Mechanical
Working pressure of the hydraulic system	MPa	16

BATTERY

Type	Unit	Value
Rated voltage	V	80
Rated capacity	Ah	250
Weight	kg	240
Battery type		Li-Ion

INTEGRATED CHARGER

Type	Unit	Value
Charging voltage	V	80
Charging current	A	35



LOAD CURVE

