

ELECTRIC FORKLIFT GSE25/5

CHARACTERISTICS

- 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.
- Power-saving LED headlights and signal lights.
- Laterally adjustable forks allows transport of different goods, mesh boxes and pallet sizes.
- Low mast height for easy unloading even of sea containers.
- Charger included.



GENERAL

Type	Unit	Value
Brand		SolidHub
Model		GSE25/5
Max. load	kg	2500
Load center	mm	500
Operating mode		Battery
Driving mode		Sitting
Wheelbase	mm	1055
IP protection class		IPx4
Actual energy consumption	KWh/h	4.27

TIRES

Type	Unit	Value
Tire type		Air
Number of tires (front / rear)		2 / 2
Wheel distance front	mm	1040
Wheel distance rear	mm	980
Tires (front)		23X9-10-16PR
Tires (rear)		18X7-8-14PR

PERFORMANCE

Type	Unit	Value
Driving speed (loaded / unloaded)	km/h	14 / 14
Lifting speed (loaded / unloaded)	mm/s	280 / 430
Lowering speed (loaded / unloaded)	mm/s	500 / 440
Gradeability (loaded)	%	15
Max. traction force (loaded)	N	11000
Acceleration (10 m) (loaded / unloaded)	s	5.3 / 5.2

DIMENSIONS

Type	Unit	Value
Mast tilt angle, forward / backward	° (α / β)	6 / 12
Height of retracted mast	mm	2180
Free lift height (with fallback protection)	mm	1295
Max. lifting height	mm	4800
Max. height under operating conditions	mm	5846
Height of protective roof	mm	2070
Fork size (W x D x H)	mm	122 x 1150 x 40
Length of stacker installation (without fork)	mm	2180
Width of the stacker installation	mm	1260
Overall length	mm	3250
Turning radius	mm	2150
Distance between mast and ground	mm	105
Clearance between center of wheelbase and ground (loaded)	mm	140
Axle center to fork end	mm	1430
ISO suspension dimension		2328 2A
Aisle width (pallet 1000 x 1000mm, clear width 200mm)	mm	3794
Aisle width (pallet 1200 x 1200 mm, clear width 200 mm)	mm	3994
Lateral fork adjustment (outside of forks) min. / max.	mm	290 - 1100

WEIGHT

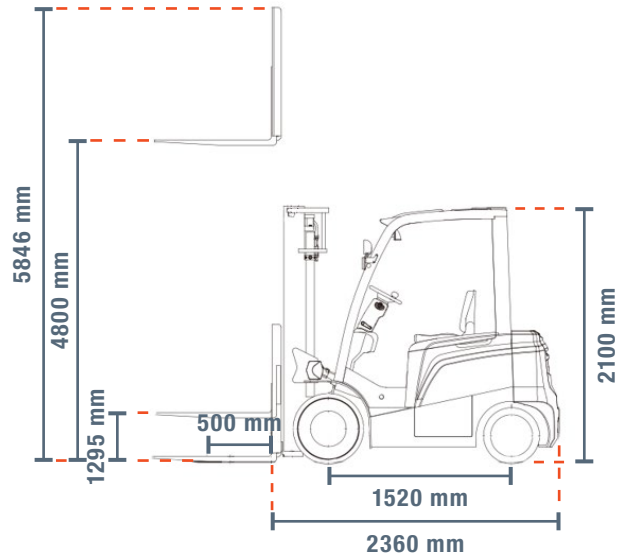
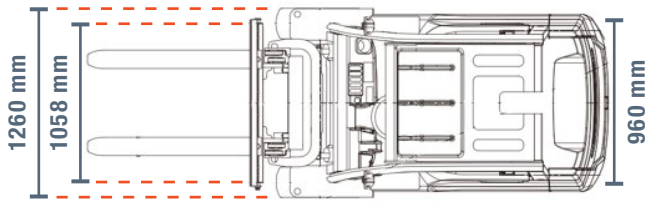
Type	Unit	Value
Total weight (with battery)	kg	4000
Axle load: unloaded, front / rear	kg	1560 / 2190
Axle load: loaded, front / rear	kg	5620 / 630

MOTOR AND CONTROLLER

Type	Unit	Value
Drive motor power - 60 minutes	kW	9 AC
Lifting motor power - S3 15 %	kW	7 AC
Drive motor control mode		MOSFET / AC
Hoist motor control mode		MOSFET / AC
Service brake / parking brake		Hydraulic / mechanical
Working pressure of the hydraulic system	mPa	18.5

BATTERY

Type	Unit	Value
Battery voltage	V	80
Capacity	Ah	202
Battery weight	kg	230
Battery type		Li-Ion



LOAD CURVE

