

Electric Stacker

Item code: HG512400000

Main Features

Nominal load capacity : 2,645.52 lb
Stacker type : Standard
Propelling system : Electric
Lifting system : Electric
Lift height : 98.43 in
Normal free lifting : in
Residual capacity at maximum height : 2,645.52 lb

GX Series

This compact truck provides the perfect solution where space is at a premium. Thanks to the recent product development, these stackers are now even stronger more, reliable and closer to customers' needs than ever. The use of special highly resistance steel, and the stronger protective covers are just some samples of their modifications.

Technical specifications

Main specifications

Nominal load capacity 2,645.52 lb
Load center distance 23.62 in
Stacker type Standard
Propelling system Electric
Driving system Pedestrian
Lifting system Electric
Compliance certification CE

Performances

Operating brake Reverse current braking
Parking brake Electromagnetic
Travel speed, without load 5 km/h
Travel speed, with load 4 km/h
Travel speed with raised platform or raised forks, without load n.a.
Travel speed with raised platform or raised forks, with load n.a.
Lifting speed, without load 0,12 m/s
Lifting speed, with load 0,08 m/s
Lowering speed, without load 0,1 m/s
Lowering speed, with load 0,4 m/s
Maximum gradient, without load 10 %
Maximum gradient, with load 5 %

Dimensional Data

Lift height 98.43 in
Normal free lifting n.a.
Fork length 45.28 in
Overall forks width 22.05 in
Fork width 5.91 in
Minimum fork width n.a.
Maximum fork width n.a.

Forks thickness 2.76 in
Lowered forks height 3.54 in
Minimum width for pallet n.a.
Maximum width for pallet n.a.
Overall width 33.46 in
Overall length 71.85 in
Height, lowered mast 70.08 in
Height, extended mast 117.52 in
Overall length with raised platform n.a.
Overall length with lowered platform n.a.
Stowage passage 81.69 in
Turning radius 57.48 in
Stowage passage with lowered platform n.a.
Stowage passage with raised platform n.a.
Turning radius with lowered platform n.a.
Turning radius with raised platform n.a.
Drive unit length 26.57 in
Drive unit length with lowered platform n.a.
Drive unit length with raised platform n.a.
Frame, wheel base 46.85 in
Frame, load axle to bulkhead 14.37 in
Residual capacity at maximum height 2,645.52 lb

Wheels

Front track 27.95 in
Front - traction wheel width 2.99 in
Front - traction wheel diameter 9.84 in
Front - traction wheel material Rubber
Front - stabilizers wheels number 2
Front - stabilizers wheels width 1.57 in
Front - stabilizers wheels diameter 5.91 in
Front - stabilizers wheels material Polyurethane
Rear wheels number 2
Rear wheels width 2.76 in
Rear wheels diameter 3.23 in
Rear wheels material Polyurethane
Rear track 16.14 in

Electric Equipment

Traction motor nominal power 0,7 kW
Traction speed control system MOSFET
Traction motor excitation system Permanent magnet
Lifting motor nominal power 2,2 kW
Lifting motor excitation system Series excitation
Battery type Automotive
Battery voltage 24 V
On-board battery charger voltage 24 V
On-board battery charger current 20 A
Minimum admitted battery capacity 92 Ah
Maximum admitted battery capacity 132 Ah
Minimum admitted battery weight 97.00 lb
Maximum admitted battery weight 185.19 lb
Battery discharge protection device Yes
Battery status indicator Yes

Hourmeter No

Weights

Weight without load, with platform (battery included) n.a.

Weight without load, without platform (battery included) 1,060.41 lb

Front axle load, without load 787.04 lb

Front axle load, with load 1,199.30 lb

Rear axle load, without load 273.37 lb

Rear axle load, with load 2,506.63 lb

Additional information

Lifting command Optional

Operating conditions: minimum temperature 0 °C

Operating conditions: maximum temperature 40 °C

Electric protection grade IP 20

Technical specifications are subject to change without notice. Consult your local Lifter representative for more information.