

Electric Pallet Truck

Item code: EC241400000

Main Features

Nominal load capacity : 3,086.44 lb
Driving system : Pedestrian
Fork length : 45.28 in
Fork width : 5.91 in
Traction motor nominal power : 0,7 kW
Minimum admitted battery capacity : 74 Ah

CX14 Series

The CX14 powered truck is available in several versions fitted with MOSFET technology. They are suitable for carrying loads on smooth floors and other surfaces. The small size and turning radius make the CX14 range ideal for work in areas where space is at a premium, such as lorries or narrow aisles.

Technical specifications

Main specifications

Nominal load capacity 3,086.44 lb
Load center distance 23.62 in
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 4,7 km/h
Travel speed, with load 4,5 km/h
Travel speed with lowered platform, without load n.a.
Travel speed with lowered platform, with load n.a.
Lifting speed, without load 0,03 m/s
Lifting speed, with load 0,02 m/s
Lowering speed, without load 0,04 m/s
Lowering speed, with load 0,04 m/s
Maximum gradient, without load 10 %
Maximum gradient, with load 5 %

Dimensional Data

Lift height 7.87 in
Normal free lifting 4.53 in
Fork length 45.28 in
Overall forks width 20.67 in
Fork width 5.91 in
Forks thickness 1.97 in
Lowered forks height 3.35 in
Overall width 28.35 in
Overall length 64.96 in
Height, lowered mast n.a.

Height, extended mast n.a.
Overall length with raised platform n.a.
Overall length with lowered platform n.a.
Stowage passage 74.80 in
Turning radius 56.50 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 19.69 in
Drive unit length with lowered platform n.a.
Drive unit length with raised platform n.a.
Frame, wheel base 47.05 in
Frame, load axle to bulkhead 8.46 in

Wheels

Front track 19.53 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 1.97 in
Front - stabilizers wheels diameter 3.94 in
Front - stabilizers wheels material Polyurethane
Rear wheels number 2
Rear wheels width 3.15 in
Rear wheels diameter 3.23 in
Rear wheels material Polyurethane
Rear track 14.76 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 0,4 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 13 A
Minimum admitted battery capacity 74 Ah
Maximum admitted battery capacity 74 Ah
Minimum admitted battery weight 79.37 lb
Maximum admitted battery weight 171.96 lb
Battery discharge protection device Yes
Battery status indicator Yes
Hourmeter No

Other Equipment

Entry/exit system Yes

Weights

Weight without load, with platform (battery included) n.a.
Weight without load, without platform (battery included) 447.53 lb

Front axle load, without load 374.78 lb
Front axle load, with load 1,238.99 lb
Rear axle load, without load 72.75 lb
Rear axle load, with load 2,294.99 lb

Additional information

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.