

Semi-electric stacker is an economical choice for a variety of basic material handling needs, which is a half electric forklift for load and unload and short-distance transportation. There is no noise and pollution. The malfunction rate is low.

Lift function is electro hydraulic while movement is manual, suitable for all your lifting needs (racking, shelving, unloading etc). Compact design with strong steel construction.

Equipped with wheels in the mast also allows it to be used as trolley. Light and easy manual steering system with effortless pulling during transport with long tiller.



Economic & High Efficiency

Cost effective handling solution for vehicle loading/Production areas with minimum investment, energy saving and regenerative, safe and efficient. Design puts the focus on the safety and ergonomic working conditions of the user.

Hydraulic System

The battery operated pump is mounted directly on the hydraulic tank. The lifting and lowering functions are controlled by a valve with built-in over pressure function, which prevents overload. A lowering brake valve ensures that the maximum lowering speed is not exceeded at full load.

Light, maneuverable and stable

Steering Wheel with mechanical brake system ensures safe parking under any circumstances.

Easy to maneuver

Compulsively controlled wheel ensures good and precise maneuvering.

Trouble free power pack

Simple, reliable hydraulics providing access to facilitate service of pump and battery.

Easy operation

Ergonomically designed steering handle reduces pulling power and minimises operator fatigue.

Enhanced safety

Foot operated mechanical parking brake ensures safe parking in any situation.



Safe parking in any situation with mechanical parking brake.



Precise lifting and lowering via hand lever.



Integrated charger facilitates easy and reliable.

| Model | CTD1.0/16 | CTD1.0/20 | CTD1.0/25 | CTD1.0/30 | CTD1.0/35 | CTD1.0/40 | CTD1.0/45 | CTD1.0/50 |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Capacity(kg) | 1000 | | | | | | | |
| Lifting Height H2(mm) | 1600 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 |
| Mast type | Single | Double | | | 2MST/3MST | | Triple | |
| Fork Length L1(mm) | 1000 | | | | | | | |
| Min. Height of fork H1(mm) | 90 | | | | | | | |
| Load Center(mm) | 500 | | | | | | | |
| Charging Voltage | AC220V | | | | | | | |
| Motor Power | 1.6kW | | | | | | | |
| Outer width of Legs B2(mm) | 635/1400 | | | | | 1400 | | |
| Inner width of legs(mm) | 395/1160 | | | | | 1160 | | |
| Adjustable width of forks B1(mm) | 360-690 | 360-691 | 360-692 | 360-693 | 360-694 | 360-695 | 360-696 | 360-697 |
| Rear Wheel Size(mm) | 180x50 | | | | | | | |
| Front Wheel Size(mm) | 80x93 | | | | | | | |
| Weight(kg) | 280 | 305 | 325 | 350 | 410/420 | 415 | 420 | 430 |
| Closed Height H3(mm) | 2080 | 1650 | 1900 | 2150 | 2300/1900 | | 1900 | |
| Extended Height(mm) | 2080 | 2650 | 3125 | 3625 | 3925 | 4625 | 5125 | 5625 |

| Model | CTD1.5/16 | CTD1.5/20 | CTD1.5/25 | CTD1.5/30 | CTD1.5/35 | CTD1.5/40 | CTD1.5/50 | CTD2.0/16 | CTD2.0/20 | CTD2.0/25 | CTD2.0/30 | CTD3.0/16 | |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
| Capacity(kg) | 1500 | | | | | | | 2000 | | | | 3000 | |
| Lifting Height H2(mm) | 1600 | 2000 | 2500 | 3000 | 3500 | 4000 | 5000 | 1600 | 2000 | 2500 | 3000 | 1600 | |
| Mast type | Single | Double | | | 2MST/3MST | | Triple | | Single | Double | | | Single |
| Fork Length L1(mm) | 1000 | | | | | | | | | | | | |
| Min. Height of fork H1(mm) | 90 | | | | | | | | | | | | |
| Load Center(mm) | 500 | | | | | | | | | | | | |
| Charging Voltage | AC220V | | | | | | | | | | | | |
| Motor Power | 1.6kW | | | | | | | | | | | | |
| Outer width of Legs B2(mm) | 635/1400 | | | | | 1400 | | 635/1400 | | | | | |
| Inner width of legs(mm) | 395/1160 | | | | | 1160 | | 395/1160 | | | | | |
| Adjustable width of forks B1(mm) | 360-698 | 360-699 | 360-700 | 360-701 | 360-702 | 360-703 | 360-704 | 360-705 | 360-706 | 360-707 | 360-708 | 360-709 | |
| Rear Wheel Size(mm) | 180x50 | | | | | | | | | | | | |
| Front Wheel Size(mm) | 80x93 | | | | | | | | | | | | |
| Weight(kg) | 305 | 350 | 365 | 415 | 420/430 | 425 | 430 | 310 | 415 | 420 | 430 | 325 | |
| Closed Height H3(mm) | 2080 | 1650 | 1900 | 2150 | 2300/1900 | | 1900 | 1900 | 2080 | 1650 | 1900 | 1900 | 2080 |
| Extended Height(mm) | 2080 | 2650 | 3125 | 3625 | 3925 | 4625 | 5125 | 2080 | 2650 | 3125 | 3625 | 2080 | |

