

CDD16/20-EMT-J

ELECTRIC PALLET TRUCK(STANDING ON)



TOUGH WORLD.TOUGH EQUIPMENT.

Electric pallet truck(Standing on)



CDD16/20-EMT-J

MAIN FEATURES

- **High-power MOSFETs drive**

High-frequency, high-efficiency, quiet operation with stepless speed control & plugging braking function;

- **Advanced vertical AC drive system**

Delivers more energy to motors and higher braking torque, providing stronger power, higher efficiency, and superior acceleration;

- **Full-series H-beam mast steel (exclusive for forklifts)**

Excellent plasticity and toughness, high bending resistance, and superior structural stability;

- **Standard electronic power steering (EPS)**

Instant response sensitivity with ergonomic and effortless handle control;

- **AC motor advantages**

Minimal components | Zero routine-replacement parts | Near-zero maintenance | Higher efficiency and extreme durability;

- **Standard side-extraction battery configuration**

Enables rapid battery replacement, facilitating continuous operation and boosting productivity by up to 25%;

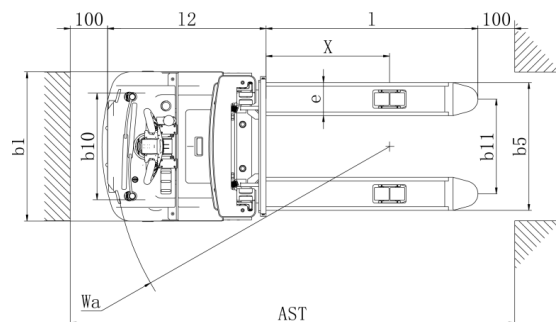
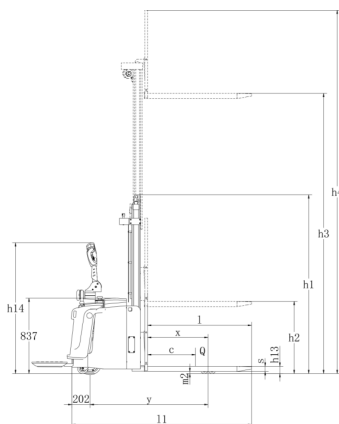
- **Standard auto-lift cutoff safety**

Automatically cuts power when forks reach maximum height, ensuring smooth stop and preventing overhead collisions.



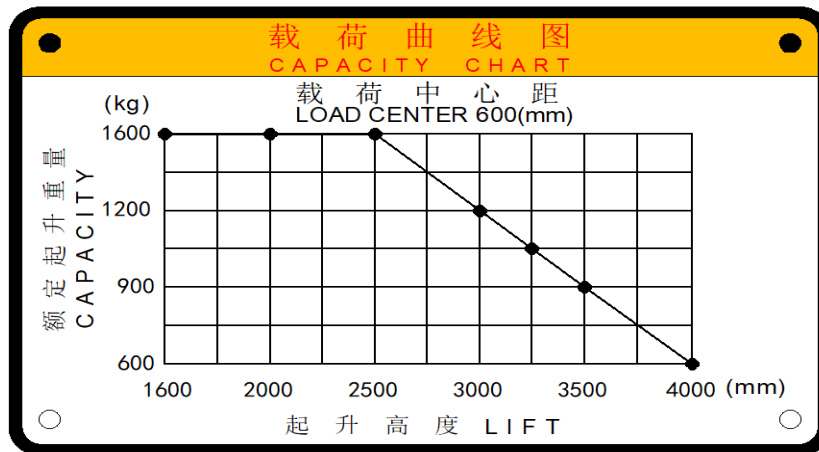
PRODUCT SPECIFICATIONS

| | | Electric pallet truck(Standing on) | | |
|---|---|------------------------------------|------------------------------------|-----------------|
| | | CDD16-EMT-J | CDD20-EMT-J | |
| General | Product type | | Electric pallet truck(Standing on) | |
| | Model | | CDD16-EMT-J CDD20-EMT-J | |
| | Power type | | Electric Electric | |
| | Operation | | Standing on Standing on | |
| | Rated traction weight | Q (kg) | 1600 | 2000 |
| | Load centre | c (mm) | 600 | 600 |
| | Axle centre to fork face | x (mm) | 639 | 639 |
| | Wheelbase | y (mm) | 1295 | 1295 |
| | Service weight with battery | kg | 940 | 960 |
| Tire | Wheels type | | PU PU | |
| | Driving wheel size | Φxw (mm) | Φ250x75 | Φ250x75 |
| | Bearing wheel size | Φxw (mm) | Φ80x70 | Φ80x70 |
| | Additional wheels (dimensions) | Φxw (mm) | Φ115x55 | Φ115x55 |
| | Wheels,number front/rear (x=driven) | | 1x+2/4 | 1x+2/4 |
| | Track width (driving wheel) | b10 (mm) | 580 | 580 |
| Track width (bearing wheel) | b11 (mm) | 390/515 | 390/515 | |
| Mast | Height of mast, lowered | h1 (mm) | 2049 | 2049 |
| | Free lift | h2 (mm) | 166 | 166 |
| | Lift height | h3 (mm) | 1600 | 1600 |
| | Height of mast,extended | h4 (mm) | 2049 | 2049 |
| Dimensions | Platform height from ground | h7 (mm) | 128 | 128 |
| | Handle height (min/max) | h14 (mm) | 1063/1440 | 1063/1440 |
| | Lowered fork height | h13 (mm) | 86 | 86 |
| | Overall length | l1 (mm) | 2040 | 2040 |
| | Length to fork face | l2 (mm) | 890 | 890 |
| | Overall width | b1 (mm) | 808 | 808 |
| | Fork dimensions | s/e/l (mm) | 60/180/1150 | 60/180/1150 |
| | Width of forks | b5 (mm) | 570/695 | 570/695 |
| | Min.Ground clearance | m2 (mm) | 24 | 24 |
| | Aisle width with pallet 1000 x1200 across forks | Ast (mm) | 2452 | 2452 |
| | Aisle width with pallet 800 x1200 along forks | Ast (mm) | 2432 | 2432 |
| | Min.Turning radius | Wa (mm) | 1570 | 1570 |
| | Performance | Travel speed, loaded/unloaded | (km/h) | 5.2/5.5 |
| Lifting speed, loaded/unloaded | | (mm/s) | 80/210 | 80/210 |
| Lowering speed, loaded/unloaded | | (mm/s) | 152/160 | 152/160 |
| Maximum climbing ability, loaded/unloaded | | (%) | 6/8 | 6/8 |
| Service brake | | | Electromagnetic | Electromagnetic |
| Power | Drive motor, 60 minute rating | (kW) | 1.5 | 1.5 |
| | Lift motor rating at S3 15% | (kW) | 25 | 3 |
| Battery | Battery voltage/rated capacity | (V/Ah) | 24/210 | 24/210 |
| | Battery weight (+5%) | (kg) | 210 | 210 |
| Other | Type of drive control | | AC | AC |
| | Noise level at operator' s ear | (dB(A)) | 70 | 70 |

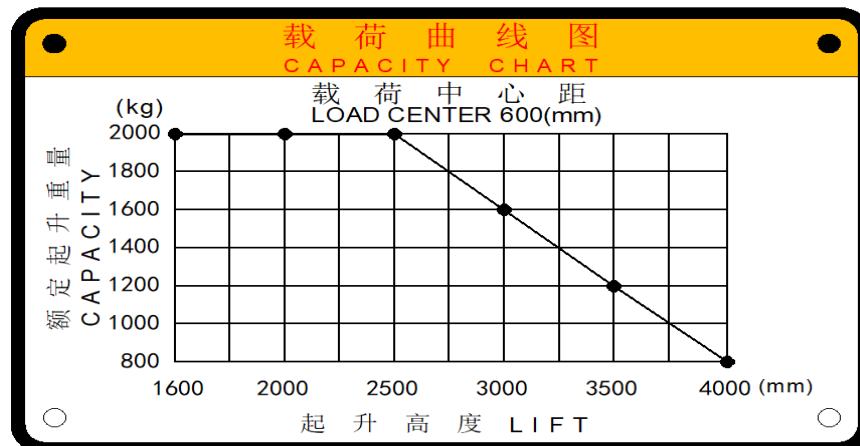


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| Mast table | | | | | | | | | | |
|--------------|-----------------|------------------------------|---------------|-------------------------------|--------------------------|-----------------|------------------------------|---------------|-------------------------------|--------------------------|
| CDD16-EMT-J | | | | | | CDD20-EMT-J | | | | |
| Mast type | Lift height(h3) | Mast height | | | Service weight with mast | Lift height(h3) | Mast height | | | Service weight with mast |
| | | Height of mast, lowered (h1) | Free lift(h2) | Height of mast, Extended (h4) | | | Height of mast, lowered (h1) | Free lift(h2) | Height of mast, Extended (h4) | |
| | mm | mm | mm | mm | kg | mm | mm | mm | mm | kg |
| single stage | 1600 | 2049 | 166 | 2049 | 940 | 1600 | 2049 | 166 | 2049 | 960 |
| 2-stage | 2000 | 1499 | 166 | 2408 | 980 | 2000 | 1499 | 166 | 2408 | 995 |
| | 2500 | 1749 | 166 | 2908 | 1025 | 2500 | 1749 | 166 | 2908 | 1035 |
| | 3000 | 1999 | 166 | 3408 | 1065 | 3000 | 1999 | 166 | 3408 | 1090 |
| | 3300 | 2149 | 166 | 3708 | 1085 | 3300 | 2149 | 166 | 3708 | 1115 |
| | 3500 | 2249 | 166 | 3908 | 1095 | 3500 | 2249 | 166 | 3908 | 1130 |
| | 3600 | 2299 | 166 | 4008 | 1105 | 3600 | 2299 | 166 | 4008 | 1135 |
| | 4000 | 2499 | 166 | 4408 | 1130 | 4000 | 2499 | 166 | 4409 | 1170 |



Load chart CDD16-EMT-J



Load chart CDD20-EMT-J

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LG-PB-CDD16/20-EMT-J-2025-06-EN

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Media Platform