



**HANGCHA**

**HANGCHA GROUP CO., LTD.**  
(Zhejiang Hangcha Imp.&Exp.Co.,Ltd.)

**[www.hcforklift.com](http://www.hcforklift.com)**

Add:398 Shi Qiao Road,Hangzhou Zhejiang province,China(310022)  
Factory site:No.88,Donghuan Rd.,Economic Development Zone Lin'an,  
Zhejiang,China(311305)  
Tel: +86-571-88926755  
Fax: +86-571-88926789 88132890  
E-mail: [sales@hcforklift.com](mailto:sales@hcforklift.com)

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**HANGCHA A series Electric trucks**

**MOVE FREELY, LIFT FREELY**

# MOVE FREELY, LIFT FREELY

## HANGCHA A series Electric trucks

The new generation A series 1-3.5t electric truck is the new product based on the original products and own developed by HANGCHA. The totally new designed outline, comfortable operation and reliability are fully improved, and the whole truck's performance is also improved.





## EXTERIOR



Applied advanced new designing method, world famous designing company designed, make the eye catchable stream outline of the truck chassis. Small dimension, simple appearance, and metal material applied for the exposed parts, all provide robust construction of the A series.



## POWER TRAIN



Advanced parallel layout of drive motor and lower located battery up to chassis bottom provide good stability to the truck.





Side battery change is available for heavy and long time application.

## COMFORT

Low center of gravity provides good turning stability, and better operator's driving comfort. 150mm adjustable distance of seat provides better operator's comfort of different operators.

Soft landing system is applied for A series.

When the forks lower to 60-100mm to ground, the soft landing system is auto operated, and to avoid the forks dashing against the ground. New designed broad view mast provides better forward visibility.

Easy to see LED dashboard provides friendly interaction.

Low noise, no exhaust emission, and low energy consumption, all meet environment friendly requirement.



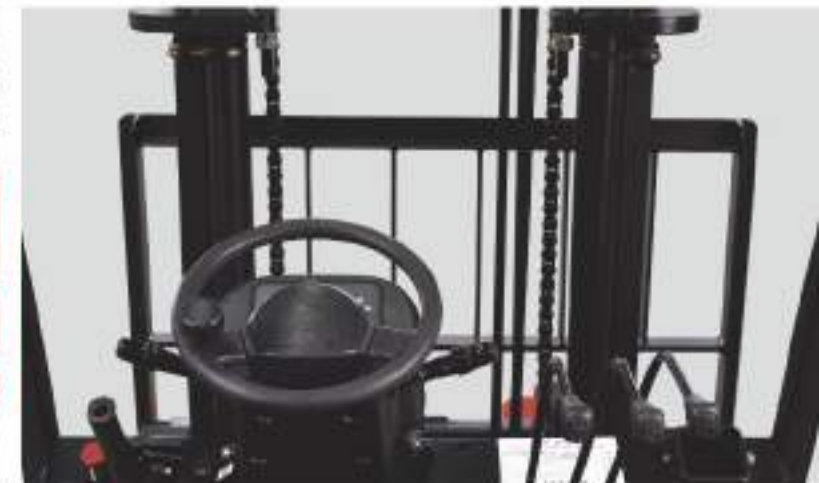
Ergonomic design cab, and parking brake meet ISO3691



150mm adjustable seat



Soft landing system



Broad view mast



Operation Compartment





## ADVANCED

High frequency MOSFET controller provides accurate control of travelling, lifting, and better adjustable performance, and better matches the motor. Regenerative braking, reverse current braking and anti-slide on slope function guarantee the operation safety.

Multi functions big LED dashboard provides running hours, battery power, and self diagnosis functions, and with high accuracy even in bad environment.

Regenerative braking is more energy saving and efficiency during truck's deceleration, direction changing, and driving on downwards slope.

### C3/C4 system



CURTIS big LED dashboard. Non-handset Operation



Imported high performance, and new generation AC controller

### D2 system



Kollmorgen dashboard



Kollmorgen GEN6 controller

## SERVICE ABILITY

Full open battery, easy for battery service  
Easy opened counter weight cover, to protect internal controller to avoid water and dust  
World famous brand electronics are applied in motor controller, contactor, power plug, emergency switch, dashboard, and accelerators.  
Overloaded protection system is applied for electronics and hydraulics.  
CE certificate is available.

<https://truckmanualshub.com/>



Battery cover with auto lock spring for easy battery service and replacing, and clean the oil tank,



Side battery changing solution is applied for heavy and long time application,



Easy opened counterweight cover is to protect the internal controllers to avoid water and dust,



Big dimension anti-slide rubber pad.

<https://forklift-manuals.jimdofree.com>

## CHINESE PATENTS



ZL201230432857.2  
ZL03232699.8  
ZL201020233942.1  
ZL201020148198.5  
ZL201120546780.1

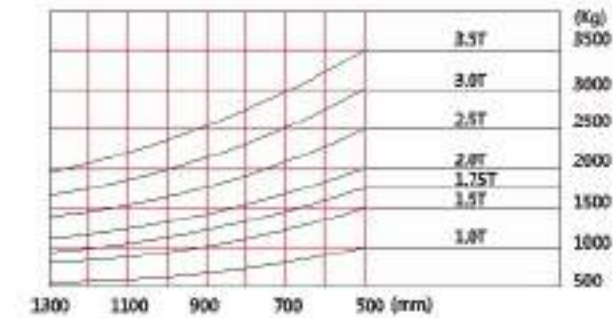
## ACCESSORY

| STANDARD FEATURES                                                                | OPTIONS                              |
|----------------------------------------------------------------------------------|--------------------------------------|
| High efficiency AC driving motor                                                 | Side way battery change              |
| Special for truck's lifting motor                                                | Big capacity Chinese made battery    |
| Multi-functions dashboard                                                        | Cold store application               |
| Full electronic controlled travelling, lifting and steering                      | High performance import battery      |
| Front lighting system, turning indicator, LED combined three colors' rear lights | Battery charger                      |
| Big dimension rubber pad                                                         | Rear lighting system                 |
| Sheet metal stamping made front and rear bottom plate                            | Front dual tyre                      |
| Sheet metal stamping made left and right cover and battery cover                 | SE tyre                              |
| Standard battery                                                                 | Non-marking tyre                     |
| Reversing beeper                                                                 | Suspension seat with higher OHG      |
| Full hydraulic steering                                                          | Left and right rear view mirror      |
| Storage box                                                                      | Reversing hand grip with horn button |
| Soft landing system                                                              | Wider fork carriage                  |
| Standard forks in red                                                            | Wide or higher load backrest         |
| 3m duplex mast                                                                   | Other dimension forks                |
| Tow coupling                                                                     | Duplex mast with full free lift      |
| Center located rear view mirror                                                  | Triplex mast                         |
| OPS1: Lock lifting, tilting, sideshifting...Lock traveling..                     | Integrated side shift                |
|                                                                                  | Other attachments                    |
|                                                                                  | OPS2: Lock Lowering                  |

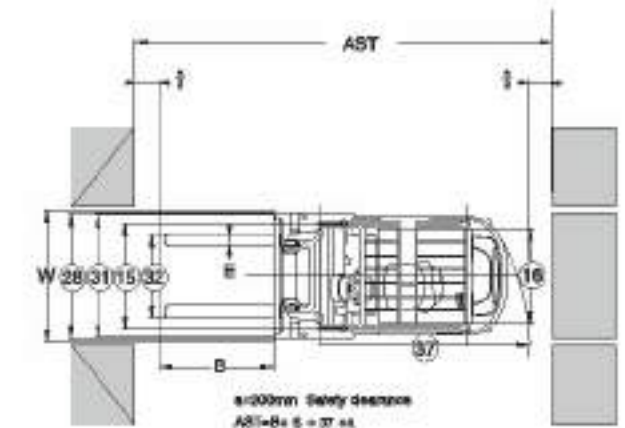
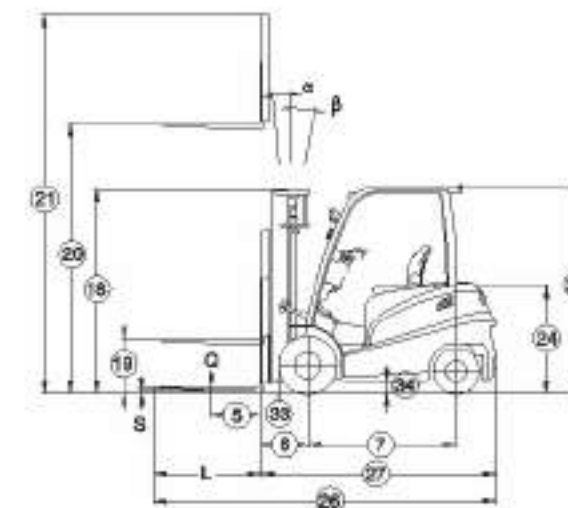
## COLOR

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| STD. Red                                                                            | HC6024 Traffic Green                                                                | RAL6029 Mint Green                                                                   | PANTONE 584C Grass Green                                                              |
|  |  |  |  |
| STD. Yellow                                                                         | RAL2000 Yellow Orange                                                               | RAL7032 Pebble Grey                                                                  | RAL5018 Truquolse Blue                                                                |

## CAPACITY



## STRUCTURE



## SPECIFICATION

| Model      | Rated Capacity (kg) | Load center (mm) | Drive    | Std. Lifting Height (mm) | Length to fork of forks (mm) | Overall Width (mm) | Overall Height (mm) |
|------------|---------------------|------------------|----------|--------------------------|------------------------------|--------------------|---------------------|
| CPD10-AC3  | 1000                | 500              | Electric | 3000                     | 2098                         | 1120               | 1995                |
| CPD10-AC4  |                     |                  |          |                          |                              |                    |                     |
| CPD10-AD2  |                     |                  |          |                          |                              |                    |                     |
| CPD15-AC3  | 1500                | 500              | Electric | 3000                     | 2098                         | 1120               | 1995                |
| CPD15-AC4  |                     |                  |          |                          |                              |                    |                     |
| CPD15-AD2  |                     |                  |          |                          |                              |                    |                     |
| CPD18-AC3  | 1750                | 500              | Electric | 3000                     | 2098                         | 1120               | 1995                |
| CPD18-AC4  |                     |                  |          |                          |                              |                    |                     |
| CPD18-AD2  |                     |                  |          |                          |                              |                    |                     |
| CPD20-AC3  | 2000                | 500              | Electric | 3000                     | 2342                         | 1265               | 2070                |
| CPD20-AC4  |                     |                  |          |                          |                              |                    |                     |
| CPD20-AD2  |                     |                  |          |                          |                              |                    |                     |
| CPD25-AC3  | 2500                | 500              | Electric | 3000                     | 2342                         | 1265               | 2070                |
| CPD25-AC4  |                     |                  |          |                          |                              |                    |                     |
| CPD25-AD2  |                     |                  |          |                          |                              |                    |                     |
| CPD25-ALC3 | 2500                | 500              | Electric | 3000                     | 2482                         | 1265               | 2100                |
| CPD25-ALC4 |                     |                  |          |                          |                              |                    |                     |
| CPD25-ALD2 |                     |                  |          |                          |                              |                    |                     |
| CPD30-AC3  | 3000                | 500              | Electric | 3000                     | 2502                         | 1265               | 2100                |
| CPD30-AC4  |                     |                  |          |                          |                              |                    |                     |
| CPD30-AD2  |                     |                  |          |                          |                              |                    |                     |
| CPD35-AC3  | 3500                | 500              | Electric | 3000                     | 2582                         | 1302               | 2100                |
| CPD35-AC4  |                     |                  |          |                          |                              |                    |                     |
| CPD35-AD2  |                     |                  |          |                          |                              |                    |                     |