

| Option Table          |                                                                |               |
|-----------------------|----------------------------------------------------------------|---------------|
| Project               |                                                                | Configuration |
| Intelligent Security  | Electro-hydraulic directional transmission                     | ●             |
|                       | Full set of OPS                                                | ○             |
|                       | Stamping special-shaped overhead guard                         | ●             |
|                       | Tilt cylinder self-locking valve                               | ●             |
|                       | Heli intelligent fleet management system                       | ○             |
|                       | Foldback prefilter                                             | ○             |
|                       | main power switch                                              | ○             |
|                       | Fuel tank cap with lock                                        | ●             |
|                       | Fire extinguisher                                              | ○             |
|                       |                                                                |               |
| Comfort & Convenience | Full suspension seat                                           | ○             |
|                       | Suspended overhead guard                                       | ●             |
|                       | Descent buffer                                                 | ●             |
|                       | Front and rear adjustable steering column                      | ●             |
|                       | Reversing horn handle                                          | ○             |
|                       | USB interface                                                  | ○             |
|                       | Instrument identification                                      | ○             |
|                       | Electric fan                                                   | ○             |
|                       | Reversing voice horn                                           | ○             |
|                       | Meet the latest emission power (National IV/National III)      | ●             |
|                       | Load-sensing steering                                          | ●             |
|                       | Full LCD instrument                                            | ●             |
|                       | High exhaust                                                   | ●             |
|                       |                                                                |               |
| Cab                   | Front windshield                                               | ○             |
|                       | Rear windshield                                                | ○             |
|                       | Overhead guard                                                 | ●             |
|                       | Integral cab                                                   | ○             |
|                       | Integral cab (installed with heater)                           | ○             |
|                       | Integral cab (installed with heater & cooling air conditioner) | ○             |
|                       | Integral cab (installed with cooling air conditioner)          | ○             |

| Option Table   |                                     |               |
|----------------|-------------------------------------|---------------|
| Project        |                                     | Configuration |
| Lamplight      | LED lights                          | ●             |
|                | LED rear working lights (2 pcs)     | ○             |
|                | Warning light (rotating)            | ○             |
|                | Warning light (rotating buzzer)     | ○             |
|                | Warning light (flashing)            | ○             |
|                | Blue light                          | ○             |
| Lifting System | Basic mast                          | ●             |
|                | Full free mast (2-stage or 3-stage) | ○             |
|                | Non-standard attachments            | ○             |
|                | Mast height                         | ○             |
| Other          | Fork arm carrier                    | ○             |
|                | Load-backrest                       | ○             |
|                | Metric thread                       | ●             |
|                | American standard thread            | ○             |
|                | Solid tire                          | ○             |
|                | Tilt cylinder sheath                | ○             |
|                | Steering cylinder sheath            | ●             |
|                | Universal key                       | ○             |
|                | Customized colors                   | ○             |

Note: Standard●;Optional○.

CPCD 20/25/30/35

W11Y2G3 2WD / QC2Y2G3 2WD / XC6Y2G3 2WD / KU1Y2G3 2WD  
W3Y2G3 2WD / W4Y2G3 2WD / XC3Y2G3 2WD / KU5Y2G3 2WD  
W3Y4G3 4WD / W4Y4G3 4WD / XC3Y4G3 4WD / KU5Y4G3 4WD



2-3.5 t

G3 series Internal Combustion Counterbalanced  
Rough Terrain Forklift Truck



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\* Our products are subject to improvements and changes without notice.

HELI



*Rough Terrain  
Forklift Truck*



Off-road wide base tires with large treads

## SUPERIOR DESIGN

- Fashionable and Aesthetic streamlined design
- Stable and reliable performance
- Dual drive or four-wheel drive off-road tires
- Widely used in fields, farms, orchards and other tough road conditions

## Powerful & Efficient

- Multi-position gearbox with flexible connection;
- Dual drive or four-wheel drive, energy conservative and high efficient;
- Flexible connected drive axle with ultrahigh configuration;
- Greatly improved off-road performance hydraulic system with load sensing valve, faster lifting speed;
- Lightweight mast, widened frame and upper beam of optimized design high carrying capacity.



Radiator

## Stable & Reliable

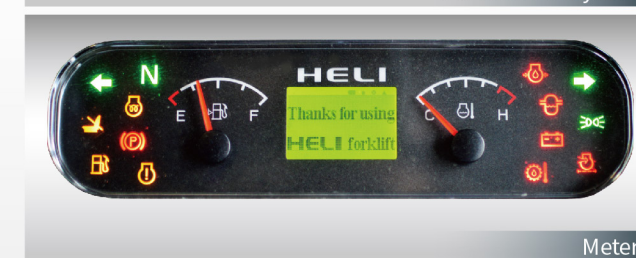
- Off-road wide base tires with large treads;
- Improved radiator structure, optimized cooling system, better heat dissipation performance;



Pedal Mechanism



Transmission System



Meter

- In-position sensing system, effectively avoid misoperation;
- Optimized drive line system, larger ground clearance, lower center of gravity, improved stability and passability;
- Pedal mechanism optimization: inching pedal is connected to inching valve directly;
- Ip65 digital lcd meter;
- Sealing structure of 24 cone rubber hose, add "O" type sealing ring, better sealing effect.

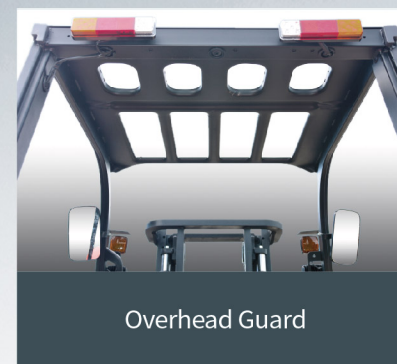
## Enjoyable Driving Experience

Triple suspension support design



Super wide view mast

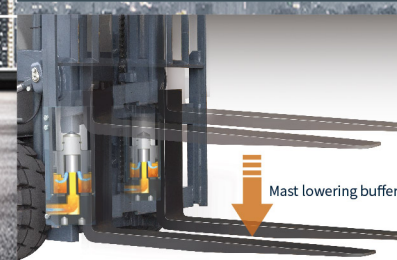
More room for leg



Overhead Guard



High exhaust design



Mast with decline buffer function



Ergonomic instrument panel: integrated handle switch, ratchet type hand brake and integrated electro-hydraulic reversing handle



## Easy to Maintain



LED lamps, energy efficient, long life, no maintenance



Modular high protection electrical box



Engine cover with large opening angle, large maintenance space

| Manufacturer and Technical Data (2-2.5t Standard Dual drive) |                                                   |        |        |                    |                    |                 |                         |                    |                    |                 |
|--------------------------------------------------------------|---------------------------------------------------|--------|--------|--------------------|--------------------|-----------------|-------------------------|--------------------|--------------------|-----------------|
|                                                              | Characteristics                                   |        |        |                    |                    |                 |                         |                    |                    |                 |
| 1.01                                                         | Manufacturer                                      |        |        | HELI               |                    |                 |                         |                    |                    |                 |
| 1.02                                                         | Model                                             |        |        | CPCD20             | CPCD20             | CPCD20          | CPCD20                  | CPCD25             | CPCD25             | CPCD25          |
| 1.03                                                         | Configuration number                              |        |        | W11Y2G3(2WD)       | QC2Y2G3(2WD)       | XC6Y2G3(2WD)    | KU1Y2G3(2WD)            | W11Y2G3(2WD)       | QC2Y2G3(2WD)       | XC6Y2G3(2WD)    |
| 1.04                                                         | Rated capacity                                    |        | kg     | 2000               |                    |                 |                         | 2500               |                    |                 |
| 1.05                                                         | Load center distance                              |        | mm     | 500                |                    |                 |                         | 500                |                    |                 |
| 1.06                                                         | Power mode                                        |        |        | Diesel             |                    |                 |                         | Diesel             |                    |                 |
| 1.07                                                         | Driving mode                                      |        |        | Seat-type          |                    |                 |                         | Seat-type          |                    |                 |
|                                                              | Weight                                            |        |        |                    |                    |                 |                         |                    |                    |                 |
| 2.01                                                         | Total weight                                      |        | kg     | 4500               |                    |                 |                         | 4650               |                    |                 |
|                                                              | Tyres                                             |        |        |                    |                    |                 |                         |                    |                    |                 |
| 3.01                                                         | Tyre type                                         |        |        | Tubeless tyre      |                    |                 |                         | Tubeless tyre      |                    |                 |
| 3.02                                                         | Wheel numbers front/rear(x=driven wheels)         |        |        | 2x/2               |                    |                 |                         | 2X/2               |                    |                 |
| 3.03                                                         | Tyre size, front                                  |        |        | 14-17.5-16TL       |                    |                 |                         | 14-17.5-16TL       |                    |                 |
| 3.04                                                         | Tyre size, rear                                   |        |        | 10-16.5-10TL       |                    |                 |                         | 10-16.5-10TL       |                    |                 |
|                                                              | Dimensions                                        |        |        |                    |                    |                 |                         |                    |                    |                 |
| 4.01                                                         | Lifting height                                    | H      | mm     | 3000               |                    |                 |                         | 3000               |                    |                 |
| 4.02                                                         | Mast height (fork to the ground, vertical mast)   | H1     | mm     | 2265               |                    |                 |                         | 2265               |                    |                 |
| 4.03                                                         | Max. height, extended(with backrest)              | H2     | mm     | 4040               |                    |                 |                         | 4040               |                    |                 |
| 4.04                                                         | Free lifting height                               | H3     | mm     | 160                |                    |                 |                         | 160                |                    |                 |
| 4.05                                                         | Height of overhead guard                          | H4     | mm     | 2450               |                    |                 |                         | 2450               |                    |                 |
| 4.06                                                         | Min. ground clearance                             | H5     | mm     | 280                |                    |                 |                         | 280                |                    |                 |
| 4.07                                                         | Height of backrest                                | H13    | mm     | 1010               |                    |                 |                         | 1010               |                    |                 |
| 4.08                                                         | Overall length (with/without fork)                | L/L¹   | mm     | 4210/3140          |                    |                 |                         | 4210/3140          |                    |                 |
| 4.09                                                         | Wheel base                                        | L1     | mm     | 2000               |                    |                 |                         | 2000               |                    |                 |
| 4.10                                                         | Front overhang                                    | L2     | mm     | 580                |                    |                 |                         | 580                |                    |                 |
| 4.11                                                         | Rear overhang                                     | L3     | mm     | 560                |                    |                 |                         | 560                |                    |                 |
| 4.12                                                         | Overall width                                     | W1     | mm     | 1640               |                    |                 |                         | 1640               |                    |                 |
| 4.13                                                         | Track width (front/rear)                          | W3     | mm     | 1230/1280          |                    |                 |                         | 1230/1280          |                    |                 |
| 4.14                                                         | Adjustment range of fork (outside fork Max./Min.) | W5     | mm     | 1345/250           |                    |                 |                         | 1345/250           |                    |                 |
| 4.15                                                         | Min. outside turning radius                       | r      | mm     | 3400               |                    |                 |                         | 3400               |                    |                 |
| 4.16                                                         | Mast tilt angle (forward/backward)                | α/β    | °      | 10°/12°            |                    |                 |                         | 10°/12°            |                    |                 |
| 4.17                                                         | Fork size: thickness*width*length                 | TxWxL4 | mm     | 40x122x1070        |                    |                 |                         | 40x122x1070        |                    |                 |
| 4.18                                                         | Min. right-angle aisle width                      | Ra     | mm     | 3300               |                    |                 |                         | 3300               |                    |                 |
|                                                              | Performance                                       |        |        |                    |                    |                 |                         |                    |                    |                 |
| 5.01                                                         | Travel speed (laden/unladen)                      |        | km/h   | 18/18              |                    |                 |                         | 18/18              |                    |                 |
| 5.02                                                         | Lift speed (laden/unladen)                        |        | mm/s   | 480/520            |                    |                 |                         | 480/520            |                    |                 |
| 5.03                                                         | Lowering speed (laden/unladen)                    |        | mm/s   | 370/350            |                    |                 |                         | 370/350            |                    |                 |
| 5.04                                                         | Max. drawbar pull (laden/unladen)                 |        | kN     | 18                 |                    |                 |                         | 18                 |                    |                 |
| 5.05                                                         | Max. gradeability (laden/unladen)                 |        | %      | 24                 |                    |                 |                         | 22                 |                    |                 |
|                                                              | Combustion-Engine                                 |        |        |                    |                    |                 |                         |                    |                    |                 |
| 6.01                                                         | Engine manufacturer/Model                         |        |        | ISUZU 4JG2PE-01    | QUANCHAI V32-50C42 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TE5B    | ISUZU 4JG2PE-01    | QUANCHAI V32-50C42 | XINCHAI 4D32X41 |
| 6.02                                                         | Rated power/speed                                 |        | kW/rpm | 44.9/2450          | 36.8/2500          | 36.8/2500       | 42.6/2400               | 44.9/2450          | 36.8/2500          | 36.8/2500       |
| 6.03                                                         | Max. torque speed                                 |        | Nm/rpm | 186.3/1600-1800    | 200/1500-1800      | 210/1600-1800   | 195.6/1500              | 186.3/1600-1800    | 200/1500-1800      | 210/1600-1800   |
| 6.04                                                         | Cylinder number- bore * stroke                    |        | /L     | 4-95.4x107/3.059   | 4-98x105/3.17      | 4-98x105/3.168  | 4-87x102.4/2.434        | 4-95.4x107/3.059   | 4-98x105/3.17      | 4-98x105/3.168  |
| 6.05                                                         | Emission                                          |        |        | China Stage II     | China Stage IV     | China Stage IV  | EU StageV / EPA Tier IV | China Stage II     | China Stage IV     | China Stage IV  |
| 6.06                                                         | Transmission gears (front/rear)                   |        |        | 1-1Power Shift M/T |                    |                 |                         | 1-1Power Shift M/T |                    |                 |

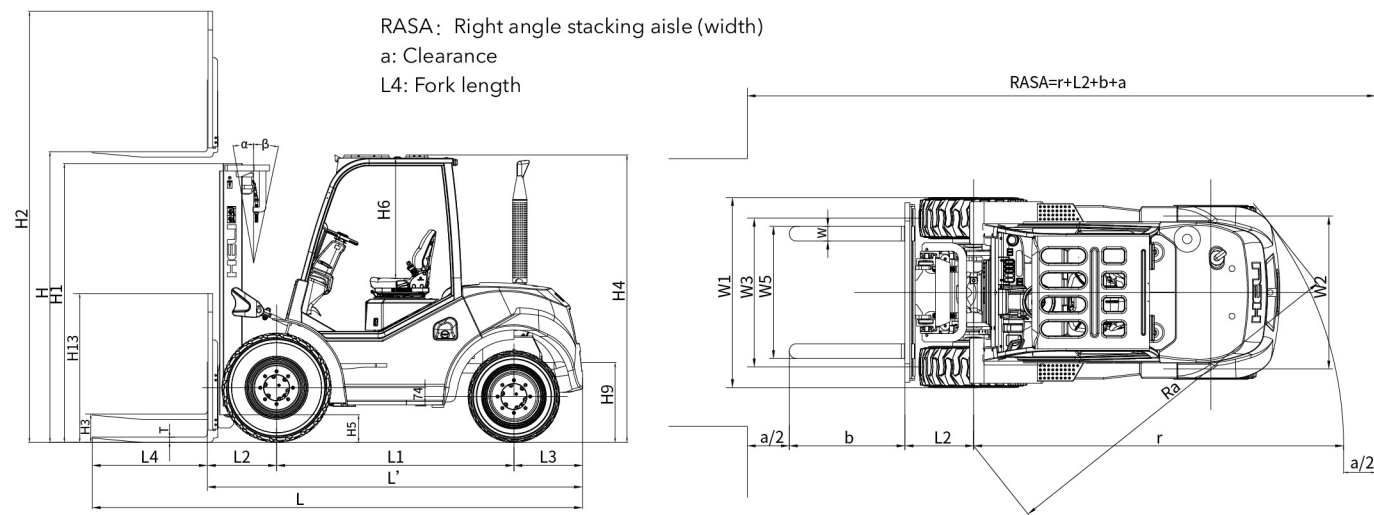
| Manufacturer and Technical Data (3-3.5t Standard Dual drive) |                                                   |        |        |                    |                    |                 |                         |                    |                    |                 |                         |
|--------------------------------------------------------------|---------------------------------------------------|--------|--------|--------------------|--------------------|-----------------|-------------------------|--------------------|--------------------|-----------------|-------------------------|
|                                                              | Characteristics                                   |        |        |                    |                    |                 |                         |                    |                    |                 |                         |
| 1.01                                                         | Manufacturer                                      |        |        | HELI               |                    |                 |                         |                    |                    |                 |                         |
| 1.02                                                         | Model                                             |        |        | CPCD30             | CPCD30             | CPCD30          | CPCD30                  | CPCD35             | CPCD35             | CPCD35          | CPCD35                  |
| 1.03                                                         | Configuration number                              |        |        | W11Y2G3(2WD)       | QC2Y2G3(2WD)       | XC6Y2G3(2WD)    | KU1Y2G3(2WD)            | W11Y2G3(2WD)       | QC2Y2G3(2WD)       | XC6Y2G3(2WD)    | KU1Y2G3(2WD)            |
| 1.04                                                         | Rated capacity                                    |        | kg     | 3000               |                    |                 |                         | 3500               |                    |                 |                         |
| 1.05                                                         | Load center distance                              |        | mm     | 500                |                    |                 |                         | 500                |                    |                 |                         |
| 1.06                                                         | Power mode                                        |        |        | Diesel             |                    |                 |                         | Diesel             |                    |                 |                         |
| 1.07                                                         | Driving mode                                      |        |        | Seat-type          |                    |                 |                         | Seat-type          |                    |                 |                         |
|                                                              | Weight                                            |        |        |                    |                    |                 |                         |                    |                    |                 |                         |
| 2.01                                                         | Total weight                                      |        | kg     | 5000               |                    |                 |                         | 5200               |                    |                 |                         |
|                                                              | Tyres                                             |        |        |                    |                    |                 |                         |                    |                    |                 |                         |
| 3.01                                                         | Tyre type                                         |        |        | Tubeless tyre      |                    |                 |                         | Tubeless tyre      |                    |                 |                         |
| 3.02                                                         | Wheel numbers front/rear(x=driven wheels)         |        |        | 2x/2               |                    |                 |                         | 2X/2               |                    |                 |                         |
| 3.03                                                         | Tyre size, front                                  |        |        | 14-17.5-16TL       |                    |                 |                         | 14-17.5-16TL       |                    |                 |                         |
| 3.04                                                         | Tyre size, rear                                   |        |        | 10-16.5-10TL       |                    |                 |                         | 10-16.5-10TL       |                    |                 |                         |
|                                                              | Dimensions                                        |        |        |                    |                    |                 |                         |                    |                    |                 |                         |
| 4.01                                                         | Lifting height                                    | H      | mm     | 3000               |                    |                 |                         | 3000               |                    |                 |                         |
| 4.02                                                         | Mast height (fork to the ground, vertical mast)   | H1     | mm     | 2265               |                    |                 |                         | 2265               |                    |                 |                         |
| 4.03                                                         | Max. height, extended(with backrest)              | H2     | mm     | 4225               |                    |                 |                         | 4225               |                    |                 |                         |
| 4.04                                                         | Free lifting height                               | H3     | mm     | 160                |                    |                 |                         | 160                |                    |                 |                         |
| 4.05                                                         | Height of overhead guard                          | H4     | mm     | 2450               |                    |                 |                         | 2450               |                    |                 |                         |
| 4.06                                                         | Min. ground clearance                             | H5     | mm     | 280                |                    |                 |                         | 280                |                    |                 |                         |
| 4.07                                                         | Height of backrest                                | H13    | mm     | 1155               |                    |                 |                         | 1155               |                    |                 |                         |
| 4.08                                                         | Overall length (with/without fork)                | L/L’   | mm     | 4214/3144          |                    |                 |                         | 4254/3184          |                    |                 |                         |
| 4.09                                                         | Wheel base                                        | L1     | mm     | 2000               |                    |                 |                         | 2000               |                    |                 |                         |
| 4.10                                                         | Front overhang                                    | L2     | mm     | 584                |                    |                 |                         | 584                |                    |                 |                         |
| 4.11                                                         | Rear overhang                                     | L3     | mm     | 560                |                    |                 |                         | 600                |                    |                 |                         |
| 4.12                                                         | Overall width                                     | W1     | mm     | 1640               |                    |                 |                         | 1640               |                    |                 |                         |
| 4.13                                                         | Track width (front/rear)                          | W3     | mm     | 1230/1280          |                    |                 |                         | 1230/1280          |                    |                 |                         |
| 4.14                                                         | Adjustment range of fork (outside fork Max./Min.) | W5     | mm     | 1395/250           |                    |                 |                         | 1395/250           |                    |                 |                         |
| 4.15                                                         | Min. outside turning radius                       | r      | mm     | 3400               |                    |                 |                         | 3450               |                    |                 |                         |
| 4.16                                                         | Mast tilt angle (forward/backward)                | α/β    | °      | 10°/12°            |                    |                 |                         | 10°/12°            |                    |                 |                         |
| 4.17                                                         | Fork size: thickness*width*length                 | TxWxL4 | mm     | 45x125x1070        |                    |                 |                         | 50x125x1070        |                    |                 |                         |
| 4.18                                                         | Min. right-angle aisle width                      | Ra     | mm     | 3450               |                    |                 |                         | 3500               |                    |                 |                         |
|                                                              | Performance                                       |        |        |                    |                    |                 |                         |                    |                    |                 |                         |
| 5.01                                                         | Travel speed (laden/unladen)                      |        | km/h   | 18/18              |                    |                 |                         | 18/18              |                    |                 |                         |
| 5.02                                                         | Lift speed (laden/unladen)                        |        | mm/s   | 480/520            |                    |                 |                         | 480/520            |                    |                 |                         |
| 5.03                                                         | Lowering speed (laden/unladen)                    |        | mm/s   | 370/350            |                    |                 |                         | 370/350            |                    |                 |                         |
| 5.04                                                         | Max. drawbar pull (laden/unladen)                 |        | kN     | 18                 |                    |                 |                         | 18                 |                    |                 |                         |
| 5.05                                                         | Max. gradeability (laden/unladen)                 |        | %      | 20                 |                    |                 |                         | 18                 |                    |                 |                         |
|                                                              | Combustion-Engine                                 |        |        |                    |                    |                 |                         |                    |                    |                 |                         |
| 6.01                                                         | Engine manufacturer/Model                         |        |        | ISUZU 4JG2PE-01    | QUANCHAI V32-50C42 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TE5B    | ISUZU 4JG2PE-01    | QUANCHAI V32-50C42 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TE5B    |
| 6.02                                                         | Rated power/speed                                 |        | kW/rpm | 44.9/2450          | 36.8/2500          | 36.8/2500       | 42.6/2400               | 44.9/2450          | 36.8/2500          | 36.8/2500       | 42.6/2400               |
| 6.03                                                         | Max. torque speed                                 |        | Nm/rpm | 186.3/1600-1800    | 200/1500-1800      | 210/1600-1800   | 195.6/1500              | 186.3/1600-1800    | 200/1500-1800      | 210/1600-1800   | 195.6/1500              |
| 6.04                                                         | Cylinder number- bore * stroke                    |        | /L     | 4-95.4x107/3.059   | 4-98x105/3.17      | 4-98x105/3.168  | 4-87x102.4/2.434        | 4-95.4x107/3.059   | 4-98x105/3.17      | 4-98x105/3.168  | 4-87x102.4/2.434        |
| 6.05                                                         | Emission                                          |        |        | China Stage II     | China Stage IV     | China Stage IV  | EU StageV / EPA Tier IV | China Stage II     | China Stage IV     | China Stage IV  | EU StageV / EPA Tier IV |
| 6.06                                                         | Transmission gears (front/rear)                   |        |        | 1-1Power Shift M/T |                    |                 |                         | 1-1Power Shift M/T |                    |                 |                         |

| Manufacturer and Technical Data (2-2.5t High Performance Dual drive) |                                                  |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
|----------------------------------------------------------------------|--------------------------------------------------|--------|--------|--------------------|-------------------|-----------------|-------------------------|--------------------|-------------------|-----------------|-------------------------|
|                                                                      | Characteristics                                  |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 1.01                                                                 | Manufacturer                                     |        |        | HELI               |                   |                 |                         |                    |                   |                 |                         |
| 1.02                                                                 | Model                                            |        |        | CPCD20             | CPCD20            | CPCD20          | CPCD20                  | CPCD25             | CPCD25            | CPCD25          | CPCD25                  |
| 1.03                                                                 | Configuration number                             |        |        | W3Y2G3(2WD)        | W4Y2G3(2WD)       | XC3Y2G3(2WD)    | KU5Y2G3(2WD)            | W3Y2G3(2WD)        | W4Y2G3(2WD)       | XC3Y2G3(2WD)    | KU5Y2G3(2WD)            |
| 1.04                                                                 | Rated capacity                                   |        | kg     | 2000               |                   |                 |                         | 2500               |                   |                 |                         |
| 1.05                                                                 | Load center distance                             |        | mm     | 500                |                   |                 |                         | 500                |                   |                 |                         |
| 1.06                                                                 | Power mode                                       |        |        | Diesel             |                   |                 |                         | Diesel             |                   |                 |                         |
| 1.07                                                                 | Driving mode                                     |        |        | Seat-type          |                   |                 |                         | Seat-type          |                   |                 |                         |
|                                                                      | Weight                                           |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 2.01                                                                 | Total weight                                     |        | kg     | 4500               |                   |                 |                         | 4750               |                   |                 |                         |
|                                                                      | Tyres                                            |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 3.01                                                                 | Tyre type                                        |        |        | Tubeless tyre      |                   |                 |                         | Tubeless tyre      |                   |                 |                         |
| 3.02                                                                 | Wheel numbers front/rear(x=driven wheels)        |        |        | 2x/2               |                   |                 |                         | 2X/2               |                   |                 |                         |
| 3.03                                                                 | Tyre size, front                                 |        |        | 14-17.5-16TL       |                   |                 |                         | 14-17.5-16TL       |                   |                 |                         |
| 3.04                                                                 | Tyre size, rear                                  |        |        | 10-16.5-10TL       |                   |                 |                         | 10-16.5-10TL       |                   |                 |                         |
|                                                                      | Dimensions                                       |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 4.01                                                                 | Lifting height                                   | H      | mm     | 3000               |                   |                 |                         | 3000               |                   |                 |                         |
| 4.02                                                                 | Mast height (fork to the ground, vertical mast)  | H1     | mm     | 2265               |                   |                 |                         | 2265               |                   |                 |                         |
| 4.03                                                                 | Max. height, extended(with backrest)             | H2     | mm     | 4040               |                   |                 |                         | 4040               |                   |                 |                         |
| 4.04                                                                 | Free lifting height                              | H3     | mm     | 160                |                   |                 |                         | 160                |                   |                 |                         |
| 4.05                                                                 | Height of overhead guard                         | H4     | mm     | 2450               |                   |                 |                         | 2450               |                   |                 |                         |
| 4.06                                                                 | Min. ground clearance                            | H5     | mm     | 280                |                   |                 |                         | 280                |                   |                 |                         |
| 4.07                                                                 | Height of backrest                               | H13    | mm     | 1010               |                   |                 |                         | 1010               |                   |                 |                         |
| 4.08                                                                 | Overall length (with/without fork)               | L/L'   | mm     | 4210/3140          |                   |                 |                         | 4210/3140          |                   |                 |                         |
| 4.09                                                                 | Wheel base                                       | L1     | mm     | 2000               |                   |                 |                         | 2000               |                   |                 |                         |
| 4.10                                                                 | Front overhang                                   | L2     | mm     | 580                |                   |                 |                         | 580                |                   |                 |                         |
| 4.11                                                                 | Rear overhang                                    | L3     | mm     | 560                |                   |                 |                         | 560                |                   |                 |                         |
| 4.12                                                                 | Overall width                                    | W1     | mm     | 1640               |                   |                 |                         | 1640               |                   |                 |                         |
| 4.13                                                                 | Track width (front/rear)                         | W3     | mm     | 1250/1280          |                   |                 |                         | 1250/1280          |                   |                 |                         |
| 4.14                                                                 | Adjustment range of fork(outside fork Max./Min.) | W5     | mm     | 1395/250           |                   |                 |                         | 1395/250           |                   |                 |                         |
| 4.15                                                                 | Min. outside turning radius                      | r      | mm     | 3250               |                   |                 |                         | 3250               |                   |                 |                         |
| 4.16                                                                 | Mast tilt angle (forward/backward)               | α/β    | °      | 10°/12°            |                   |                 |                         | 10°/12°            |                   |                 |                         |
| 4.17                                                                 | Fork size: thickness*width*length                | TxWxL4 | mm     | 40x122x1070        |                   |                 |                         | 40x122x1070        |                   |                 |                         |
| 4.18                                                                 | Min. right-angle aisle width                     | Ra     | mm     | 3300               |                   |                 |                         | 3300               |                   |                 |                         |
|                                                                      | Performance                                      |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 5.01                                                                 | Travel speed (laden/unladen)                     |        | km/h   | 20/20              |                   |                 |                         | 20/20              |                   |                 |                         |
| 5.02                                                                 | Lift speed (laden/unladen)                       |        | mm/s   | 480/520            |                   |                 |                         | 480/520            |                   |                 |                         |
| 5.03                                                                 | Lowering speed (laden/unladen)                   |        | mm/s   | 370/350            |                   |                 |                         | 370/350            |                   |                 |                         |
| 5.04                                                                 | Max. drawbar pull (laden/unladen)                |        | kN     | 38                 | 34                | 38              | 38                      | 38                 | 34                | 38              | 38                      |
| 5.05                                                                 | Max. gradeability (laden/unladen)                |        | %      | 50                 | 46                | 50              | 50                      | 46                 | 42                | 46              | 46                      |
|                                                                      | Combustion-Engine                                |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 6.01                                                                 | Engine manufacturer/Model                        |        |        | ISUZU 4JG2PE-01    | ISUZU GK4JG2NKF01 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TESB    | ISUZU 4JG2PE-01    | ISUZU GK4JG2NKF01 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TESB    |
| 6.02                                                                 | Rated power/speed                                |        | kW/rpm | 44.9/2450          | 35/2450           | 36.8/2500       | 42.6/2400               | 44.9/2450          | 35/2450           | 36.8/2500       | 42.6/2400               |
| 6.03                                                                 | Max. torque speed                                |        | Nm/rpm | 186.3/1600-1800    | 170/1700          | 210/1600-1800   | 195.6/1500              | 186.3/1600-1800    | 170/1700          | 210/1600-1800   | 195.6/1500              |
| 6.04                                                                 | Cylinder number- bore * stroke                   |        | /L     | 4-95.4x107/3.059   | 4-95.4x107/3.059  | 4-98x105/3.168  | 4-87x102.4/2.434        | 4-95.4x107/3.059   | 4-95.4x107/3.059  | 4-98x105/3.168  | 4-87x102.4/2.434        |
| 6.05                                                                 | Emission                                         |        |        | China Stage II     | Euro Stage IIIA   | China Stage IV  | EU StageV / EPA Tier IV | China Stage II     | Euro Stage IIIA   | China Stage IV  | EU StageV / EPA Tier IV |
| 6.06                                                                 | Transmission gears (front/rear)                  |        |        | 2-1Power Shift M/T |                   |                 |                         | 2-1Power Shift M/T |                   |                 |                         |

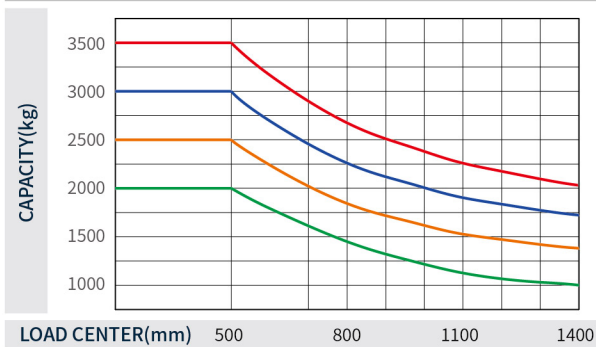
| Manufacturer and Technical Data (2-2.5t Standard 4-wheel Drive) |                                                   |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
|-----------------------------------------------------------------|---------------------------------------------------|--------|--------|--------------------|-------------------|-----------------|-------------------------|--------------------|-------------------|-----------------|-------------------------|
|                                                                 | Characteristics                                   |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 1.01                                                            | Manufacturer                                      |        |        | HELI               |                   |                 |                         |                    |                   |                 |                         |
| 1.02                                                            | Model                                             |        |        | CPCD20             | CPCD20            | CPCD20          | CPCD20                  | CPCD25             | CPCD25            | CPCD25          | CPCD25                  |
| 1.03                                                            | Configuration number                              |        |        | W3Y4G3(4WD)        | W4Y4G3(4WD)       | XC3Y4G3(4WD)    | KU5Y4G3(4WD)            | W3Y4G3(4WD)        | W4Y4G3(4WD)       | XC3Y4G3(4WD)    | KU5Y4G3(4WD)            |
| 1.04                                                            | Rated capacity                                    |        | kg     | 2000               |                   |                 |                         | 2500               |                   |                 |                         |
| 1.05                                                            | Load center distance                              |        | mm     | 500                |                   |                 |                         | 500                |                   |                 |                         |
| 1.06                                                            | Power mode                                        |        |        | Diesel             |                   |                 |                         | Diesel             |                   |                 |                         |
| 1.07                                                            | Driving mode                                      |        |        | Seat-type          |                   |                 |                         | Seat-type          |                   |                 |                         |
|                                                                 | Weight                                            |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 2.01                                                            | Total weight                                      |        | kg     | 4800               |                   |                 |                         | 4950               |                   |                 |                         |
|                                                                 | Tyres                                             |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 3.01                                                            | Tyre type                                         |        |        | Tubeless tyre      |                   |                 |                         | Tubeless tyre      |                   |                 |                         |
| 3.02                                                            | Wheel numbers front/rear(x=driven wheels)         |        |        | 2x/2               |                   |                 |                         | 2X/2               |                   |                 |                         |
| 3.03                                                            | Tyre size, front                                  |        |        | 14-17.5-16TL       |                   |                 |                         | 14-17.5-16TL       |                   |                 |                         |
| 3.04                                                            | Tyre size, rear                                   |        |        | 10-16.5-10TL       |                   |                 |                         | 10-16.5-10TL       |                   |                 |                         |
|                                                                 | Dimensions                                        |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 4.01                                                            | Lifting height                                    | H      | mm     | 3000               |                   |                 |                         | 3000               |                   |                 |                         |
| 4.02                                                            | Mast height (fork to the ground, vertical mast)   | H1     | mm     | 2265               |                   |                 |                         | 2265               |                   |                 |                         |
| 4.03                                                            | Max. height, extended(with backrest)              | H2     | mm     | 4040               |                   |                 |                         | 4040               |                   |                 |                         |
| 4.04                                                            | Free lifting height                               | H3     | mm     | 160                |                   |                 |                         | 160                |                   |                 |                         |
| 4.05                                                            | Height of overhead guard                          | H4     | mm     | 2450               |                   |                 |                         | 2450               |                   |                 |                         |
| 4.06                                                            | Min. ground clearance                             | H5     | mm     | 280                |                   |                 |                         | 280                |                   |                 |                         |
| 4.07                                                            | Height of backrest                                | H13    | mm     | 1010               |                   |                 |                         | 1010               |                   |                 |                         |
| 4.08                                                            | Overall length (with/without fork)                | L/L'   | mm     | 4210/3140          |                   |                 |                         | 4210/3140          |                   |                 |                         |
| 4.09                                                            | Wheel base                                        | L1     | mm     | 2000               |                   |                 |                         | 2000               |                   |                 |                         |
| 4.10                                                            | Front overhang                                    | L2     | mm     | 580                |                   |                 |                         | 580                |                   |                 |                         |
| 4.11                                                            | Rear overhang                                     | L3     | mm     | 560                |                   |                 |                         | 560                |                   |                 |                         |
| 4.12                                                            | Overall width                                     | W1     | mm     | 1640               |                   |                 |                         | 1640               |                   |                 |                         |
| 4.13                                                            | Track width (front/rear)                          | W3     | mm     | 1250/1280          |                   |                 |                         | 1250/1280          |                   |                 |                         |
| 4.14                                                            | Adjustment range of fork (outside fork Max./Min.) | W5     | mm     | 1395/250           |                   |                 |                         | 1395/250           |                   |                 |                         |
| 4.15                                                            | Min. outside turning radius                       | r      | mm     | 3400               |                   |                 |                         | 3400               |                   |                 |                         |
| 4.16                                                            | Mast tilt angle (forward/backward)                | α/β    | °      | 10°/12°            |                   |                 |                         | 10°/12°            |                   |                 |                         |
| 4.17                                                            | Fork size: thickness*width*length                 | TxWxL4 | mm     | 40x122x1070        |                   |                 |                         | 40x122x1070        |                   |                 |                         |
| 4.18                                                            | Min. right-angle aisle width                      | Ra     | mm     | 3450               |                   |                 |                         | 3450               |                   |                 |                         |
|                                                                 | Performance                                       |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 5.01                                                            | Travel speed (laden/unladen)                      |        | km/h   | 20/20              |                   |                 |                         | 20/20              |                   |                 |                         |
| 5.02                                                            | Lift speed (laden/unladen)                        |        | mm/s   | 480/520            |                   |                 |                         | 480/520            |                   |                 |                         |
| 5.03                                                            | Lowering speed (laden/unladen)                    |        | mm/s   | 370/350            |                   |                 |                         | 370/350            |                   |                 |                         |
| 5.04                                                            | Max. drawbar pull (laden/unladen)                 |        | kN     | 38                 | 34                | 38              | 38                      | 38                 | 34                | 38              | 38                      |
| 5.05                                                            | Max. gradeability (laden/unladen)                 |        | %      | 50                 | 46                | 50              | 50                      | 46                 | 42                | 46              | 46                      |
|                                                                 | Combustion-Engine                                 |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 6.01                                                            | Engine manufacturer/Model                         |        |        | ISUZU 4JG2PE-01    | ISUZU 6K4JG2NKF01 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TESB    | ISUZU 4JG2PE-01    | ISUZU 6K4JG2NKF01 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TESB    |
| 6.02                                                            | Rated power/speed                                 |        | kW/rpm | 44.9/2450          | 35/2450           | 36.8/2500       | 42.6/2400               | 44.9/2450          | 35/2450           | 36.8/2500       | 42.6/2400               |
| 6.03                                                            | Max. torque speed                                 |        | Nm/rpm | 186.3/1600-1800    | 170/1700          | 210/1600-1800   | 195.6/1500              | 186.3/1600-1800    | 170/1700          | 210/1600-1800   | 195.6/1500              |
| 6.04                                                            | Cylinder number- bore * stroke                    |        | /L     | 4-95.4x107/3.059   | 4-95.4x107/3.059  | 4-98x105/3.168  | 4-87x102.4/2.434        | 4-95.4x107/3.059   | 4-95.4x107/3.059  | 4-98x105/3.168  | 4-87x102.4/2.434        |
| 6.05                                                            | Emission                                          |        |        | China Stage II     | Euro Stage IIIA   | China Stage IV  | EU StageV / EPA Tier IV | China Stage II     | Euro Stage IIIA   | China Stage IV  | EU StageV / EPA Tier IV |
| 6.06                                                            | Transmission gears (front/rear)                   |        |        | 2-1Power Shift M/T |                   |                 |                         | 2-1Power Shift M/T |                   |                 |                         |

| Manufacturer and Technical Data (3-3.5t High Performance Dual drive) |                                                  |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
|----------------------------------------------------------------------|--------------------------------------------------|--------|--------|--------------------|-------------------|-----------------|-------------------------|--------------------|-------------------|-----------------|-------------------------|
|                                                                      | Characteristics                                  |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 1.01                                                                 | Manufacturer                                     |        |        | HELI               |                   |                 |                         |                    |                   |                 |                         |
| 1.02                                                                 | Model                                            |        |        | CPCD30             | CPCD30            | CPCD30          | CPCD30                  | CPCD35             | CPCD35            | CPCD35          | CPCD35                  |
| 1.03                                                                 | Configuration number                             |        |        | W3Y2G3(2WD)        | W4Y2G3(2WD)       | XC3Y2G3(2WD)    | KU5Y2G3(2WD)            | W3Y2G3(2WD)        | W4Y2G3(2WD)       | XC3Y2G3(2WD)    | KU5Y2G3(2WD)            |
| 1.04                                                                 | Rated capacity                                   |        | kg     | 3000               |                   |                 |                         | 3500               |                   |                 |                         |
| 1.05                                                                 | Load center distance                             |        | mm     | 500                |                   |                 |                         | 500                |                   |                 |                         |
| 1.06                                                                 | Power mode                                       |        |        | Diesel             |                   |                 |                         | Diesel             |                   |                 |                         |
| 1.07                                                                 | Driving mode                                     |        |        | Seat-type          |                   |                 |                         | Seat-type          |                   |                 |                         |
|                                                                      | Weight                                           |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 2.01                                                                 | Total weight                                     |        | kg     | 5100               |                   |                 |                         | 5300               |                   |                 |                         |
|                                                                      | Tyres                                            |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 3.01                                                                 | Tyre type                                        |        |        | Tubeless tyre      |                   |                 |                         | Tubeless tyre      |                   |                 |                         |
| 3.02                                                                 | Wheel numbers front/rear(x=driven wheels)        |        |        | 2x/2               |                   |                 |                         | 2x/2               |                   |                 |                         |
| 3.03                                                                 | Tyre size, front                                 |        |        | 14-17.5-16TL       |                   |                 |                         | 14-17.5-16TL       |                   |                 |                         |
| 3.04                                                                 | Tyre size, rear                                  |        |        | 10-16.5-10TL       |                   |                 |                         | 10-16.5-10TL       |                   |                 |                         |
|                                                                      | Dimensions                                       |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 4.01                                                                 | Lifting height                                   | H      | mm     | 3000               |                   |                 |                         | 3000               |                   |                 |                         |
| 4.02                                                                 | Mast height (fork to the ground, vertical mast)  | H1     | mm     | 2265               |                   |                 |                         | 2265               |                   |                 |                         |
| 4.03                                                                 | Max. height, extended(with backrest)             | H2     | mm     | 4225               |                   |                 |                         | 4225               |                   |                 |                         |
| 4.04                                                                 | Free lifting height                              | H3     | mm     | 160                |                   |                 |                         | 160                |                   |                 |                         |
| 4.05                                                                 | Height of overhead guard                         | H4     | mm     | 2450               |                   |                 |                         | 2450               |                   |                 |                         |
| 4.06                                                                 | Min. ground clearance                            | H5     | mm     | 280                |                   |                 |                         | 280                |                   |                 |                         |
| 4.07                                                                 | Height of backrest                               | H13    | mm     | 1175               |                   |                 |                         | 1175               |                   |                 |                         |
| 4.08                                                                 | Overall length (with/without fork)               | L/L'   | mm     | 4214/3144          |                   |                 |                         | 4259/3189          |                   |                 |                         |
| 4.09                                                                 | Wheel base                                       | L1     | mm     | 2000               |                   |                 |                         | 2000               |                   |                 |                         |
| 4.10                                                                 | Front overhang                                   | L2     | mm     | 584                |                   |                 |                         | 584                |                   |                 |                         |
| 4.11                                                                 | Rear overhang                                    | L3     | mm     | 560                |                   |                 |                         | 600                |                   |                 |                         |
| 4.12                                                                 | Overall width                                    | W1     | mm     | 1640               |                   |                 |                         | 1640               |                   |                 |                         |
| 4.13                                                                 | Track width (front/rear)                         | W3     | mm     | 1250/1280          |                   |                 |                         | 1250/1280          |                   |                 |                         |
| 4.14                                                                 | Adjustment range of fork(outside fork Max./Min.) | W5     | mm     | 1395/250           |                   |                 |                         | 1395/250           |                   |                 |                         |
| 4.15                                                                 | Min. outside turning radius                      | r      | mm     | 3400               |                   |                 |                         | 3450               |                   |                 |                         |
| 4.16                                                                 | Mast tilt angle (forward/backward)               | α/β    | °      | 10°/12°            |                   |                 |                         | 10°/12°            |                   |                 |                         |
| 4.17                                                                 | Fork size: thickness*width*length                | TxWxL4 | mm     | 45×125×1070        |                   |                 |                         | 50×125×1070        |                   |                 |                         |
| 4.18                                                                 | Min. right-angle aisle width                     | Ra     | mm     | 3300               |                   |                 |                         | 3350               |                   |                 |                         |
|                                                                      | Performance                                      |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 5.01                                                                 | Travel speed (laden/unladen)                     |        | km/h   | 20/20              |                   |                 |                         | 20/20              |                   |                 |                         |
| 5.02                                                                 | Lift speed (laden/unladen)                       |        | mm/s   | 450/520            |                   |                 |                         | 450/520            |                   |                 |                         |
| 5.03                                                                 | Lowering speed (laden/unladen)                   |        | mm/s   | 370/350            |                   |                 |                         | 370/350            |                   |                 |                         |
| 5.04                                                                 | Max. drawbar pull (laden/unladen)                |        | kN     | 38                 | 34                | 38              | 38                      | 38                 | 34                | 38              | 38                      |
| 5.05                                                                 | Max. gradeability (laden/unladen)                |        | %      | 40                 | 36                | 40              | 40                      | 36                 | 32                | 36              | 36                      |
|                                                                      | Combustion-Engine                                |        |        |                    |                   |                 |                         |                    |                   |                 |                         |
| 6.01                                                                 | Engine manufacturer/Model                        |        |        | ISUZU 4JG2PE-01    | ISUZU GK4JG2NKF01 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TESB    | ISUZU 4JG2PE-01    | ISUZU GK4JG2NKF01 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TESB    |
| 6.02                                                                 | Rated power/speed                                |        | kW/rpm | 44.9/2450          | 35.0/2450         | 36.8/2500       | 42.6/2400               | 44.9/2450          | 35.0/2450         | 36.8/2500       | 42.6/2400               |
| 6.03                                                                 | Max. torque speed                                |        | Nm/rpm | 186.3/1600-1800    | 170/1700          | 210/1600-1800   | 195.6/1500              | 186.3/1600-1800    | 170/1700          | 210/1600-1800   | 195.6/1500              |
| 6.04                                                                 | Cylinder number- bore * stroke                   |        | /L     | 4-95.4×107/3.059   | 4-95.4×107/3.059  | 4-98×105/3.168  | 4-87×102.4/2.434        | 4-95.4×107/3.059   | 4-95.4×107/3.059  | 4-98×105/3.168  | 4-87×102.4/2.434        |
| 6.05                                                                 | Emission                                         |        |        | China Stage II     | Euro Stage IIIA   | China Stage IV  | EU StageV / EPA Tier IV | China Stage II     | Euro Stage IIIA   | China Stage IV  | EU StageV / EPA Tier IV |
| 6.06                                                                 | Transmission gears (front/rear)                  |        |        | 2-1Power Shift M/T |                   |                 |                         | 2-1Power Shift M/T |                   |                 |                         |

| Manufacturer and Technical Data (3-3.5t Standard 4-wheel Drive) |                                                   |        |        |                    |                    |                 |                         |                    |                    |                 |
|-----------------------------------------------------------------|---------------------------------------------------|--------|--------|--------------------|--------------------|-----------------|-------------------------|--------------------|--------------------|-----------------|
|                                                                 | Characteristics                                   |        |        |                    |                    |                 |                         |                    |                    |                 |
| 1.01                                                            | Manufacturer                                      |        |        | HELI               |                    |                 |                         |                    |                    |                 |
| 1.02                                                            | Model                                             |        |        | CPCD30             | CPCD30             | CPCD30          | CPCD30                  | CPCD35             | CPCD35             | CPCD35          |
| 1.03                                                            | Configuration number                              |        |        | W3Y4G3(4WD)        | W4Y4G3(4WD)        | XC3Y4G3(4WD)    | KU5Y4G3(4WD)            | W3Y4G3(4WD)        | W4Y4G3(4WD)        | XC3Y4G3(4WD)    |
| 1.04                                                            | Rated capacity                                    |        | kg     | 3000               |                    |                 |                         | 3500               |                    |                 |
| 1.05                                                            | Load center distance                              |        | mm     | 500                |                    |                 |                         | 500                |                    |                 |
| 1.06                                                            | Power mode                                        |        |        | Diesel             |                    |                 |                         | Diesel             |                    |                 |
| 1.07                                                            | Driving mode                                      |        |        | Seat-type          |                    |                 |                         | Seat-type          |                    |                 |
|                                                                 | Weight                                            |        |        |                    |                    |                 |                         |                    |                    |                 |
| 2.01                                                            | Total weight                                      |        | kg     | 5300               |                    |                 |                         | 5500               |                    |                 |
|                                                                 | Tyres                                             |        |        |                    |                    |                 |                         |                    |                    |                 |
| 3.01                                                            | Tyre type                                         |        |        | Tubeless tyre      |                    |                 |                         | Tubeless tyre      |                    |                 |
| 3.02                                                            | Wheel numbers front/rear(x=driven wheels)         |        |        | 2x/2               |                    |                 |                         | 2x/2               |                    |                 |
| 3.03                                                            | Tyre size, front                                  |        |        | 14-17.5-16TL       |                    |                 |                         | 14-17.5-16TL       |                    |                 |
| 3.04                                                            | Tyre size, rear                                   |        |        | 10-16.5-10TL       |                    |                 |                         | 10-16.5-10TL       |                    |                 |
|                                                                 | Dimensions                                        |        |        |                    |                    |                 |                         |                    |                    |                 |
| 4.01                                                            | Lifting height                                    | H      | mm     | 3000               |                    |                 |                         | 3000               |                    |                 |
| 4.02                                                            | Mast height (fork to the ground, vertical mast)   | H1     | mm     | 2265               |                    |                 |                         | 2265               |                    |                 |
| 4.03                                                            | Max. height, extended(with backrest)              | H2     | mm     | 4225               |                    |                 |                         | 4225               |                    |                 |
| 4.04                                                            | Free lifting height                               | H3     | mm     | 160                |                    |                 |                         | 160                |                    |                 |
| 4.05                                                            | Height of overhead guard                          | H4     | mm     | 2450               |                    |                 |                         | 2450               |                    |                 |
| 4.06                                                            | Min. ground clearance                             | H5     | mm     | 280                |                    |                 |                         | 280                |                    |                 |
| 4.07                                                            | Height of backrest                                | H13    | mm     | 1175               |                    |                 |                         | 1175               |                    |                 |
| 4.08                                                            | Overall length (with/without fork)                | L/L'   | mm     | 4144/3094          |                    |                 |                         | 4184/3134          |                    |                 |
| 4.09                                                            | Wheel base                                        | L1     | mm     | 2000               |                    |                 |                         | 2000               |                    |                 |
| 4.10                                                            | Front overhang                                    | L2     | mm     | 584                |                    |                 |                         | 584                |                    |                 |
| 4.11                                                            | Rear overhang                                     | L3     | mm     | 560                |                    |                 |                         | 600                |                    |                 |
| 4.12                                                            | Overall width                                     | W1     | mm     | 1640               |                    |                 |                         | 1640               |                    |                 |
| 4.13                                                            | Track width (front/rear)                          | W3     | mm     | 1250/1280          |                    |                 |                         | 1250/1280          |                    |                 |
| 4.14                                                            | Adjustment range of fork (outside fork Max./Min.) | W5     | mm     | 1395/250           |                    |                 |                         | 1395/250           |                    |                 |
| 4.15                                                            | Min. outside turning radius                       | r      | mm     | 3550               |                    |                 |                         | 3600               |                    |                 |
| 4.16                                                            | Mast tilt angle (forward/backward)                | α/β    | °      | 10°/12°            |                    |                 |                         | 10°/12°            |                    |                 |
| 4.17                                                            | Fork size: thickness*width*length                 | TxWxL4 | mm     | 45×125×1070        |                    |                 |                         | 50×125×1070        |                    |                 |
| 4.18                                                            | Min. right-angle aisle width                      | Ra     | mm     | 3450               |                    |                 |                         | 3500               |                    |                 |
|                                                                 | Performance                                       |        |        |                    |                    |                 |                         |                    |                    |                 |
| 5.01                                                            | Travel speed (laden/unladen)                      |        | km/h   | 20/20              |                    |                 |                         | 20/20              |                    |                 |
| 5.02                                                            | Lift speed (laden/unladen)                        |        | mm/s   | 450/520            |                    |                 |                         | 450/520            |                    |                 |
| 5.03                                                            | Lowering speed (laden/unladen)                    |        | mm/s   | 370/350            |                    |                 |                         | 370/350            |                    |                 |
| 5.04                                                            | Max. drawbar pull (laden/unladen)                 |        | kN     | 38                 | 34                 | 38              | 38                      | 38                 | 34                 | 38              |
| 5.05                                                            | Max. gradeability (laden/unladen)                 |        | %      | 40                 | 36                 | 40              | 40                      | 36                 | 32                 | 36              |
|                                                                 | Combustion-Engine                                 |        |        |                    |                    |                 |                         |                    |                    |                 |
| 6.01                                                            | Engine manufacturer/Model                         |        |        | ISUZU 4JG2PE-01    | ISUZU GK-4JG2NKF01 | XINCHAI 4D32X41 | KUBOTA V2403-CR-TESB    | ISUZU 4JG2PE-01    | ISUZU GK-4JG2NKF01 | XINCHAI 4D32X41 |
| 6.02                                                            | Rated power/speed                                 |        | kW/rpm | 44.9/2450          | 35.0/2450          | 36.8/2500       | 42.6/2400               | 44.9/2450          | 35.0/2450          | 36.8/2500       |
| 6.03                                                            | Max. torque speed                                 |        | Nm/rpm | 186.3/1600-1800    | 170/1700           | 210/1600-1800   | 195.6/1500              | 186.3/1600-1800    | 170/1700           | 210/1600-1800   |
| 6.04                                                            | Cylinder number- bore * stroke                    |        | /L     | 4-95.4×107/3.059   | 4-95.4×107/3.059   | 4-98×105/3.168  | 4-87×102.4/2.434        | 4-95.4×107/3.059   | 4-95.4×107/3.059   | 4-98×105/3.168  |
| 6.05                                                            | Emission                                          |        |        | China Stage II     | Euro Stage IIIA    | China Stage IV  | EU StageV / EPA Tier IV | China Stage II     | Euro Stage IIIA    | China Stage IV  |
| 6.06                                                            | Transmission gears (front/rear)                   |        |        | 2-1Power Shift M/T |                    |                 |                         | 2-1Power Shift M/T |                    |                 |



Load curve



CPCD35   CPCD30   CPCD25   CPCD20

**Note:** The vertical axis stands for load capacity while the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load. the standard load means a cubic with 1000mm edge length. When the mast is tilted forward, The worker using nonstandard forks for loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.

Wide View Standard Mast

| Mast model | Max. lifting height (mm) | Load capacity (load center is 500mm)(Kg) |        |        |        | Lowered mast height (mm) | Extended mast height (with backrest) (mm) |        | Free lift height (mm) | Service weight(kg) |        |        |        | Mast tilting angle (α/β) (deg.) |
|------------|--------------------------|------------------------------------------|--------|--------|--------|--------------------------|-------------------------------------------|--------|-----------------------|--------------------|--------|--------|--------|---------------------------------|
|            |                          | CPCD20                                   | CPCD25 | CPCD30 | CPCD35 |                          | 2-2.5t                                    | 3-3.5t |                       | CPCD20             | CPCD25 | CPCD30 | CPCD35 |                                 |
| M200       | 2000                     | 2000                                     | 2500   | 3000   | 3500   | 1765                     | 3055                                      | 3200   | 150                   | 4500               | 4750   | 5000   | 5200   | 10°/12°                         |
| M250       | 2500                     | 2000                                     | 2500   | 3000   | 3500   | 2015                     | 3555                                      | 3700   | 150                   | 4560               | 4810   | 5060   | 5260   | 10°/12°                         |
| M300       | 3000                     | 2000                                     | 2500   | 3000   | 3500   | 2265                     | 4055                                      | 4200   | 150                   | 4600               | 4850   | 5100   | 5300   | 10°/12°                         |
| M330       | 3300                     | 2000                                     | 2500   | 3000   | 3500   | 2415                     | 4355                                      | 4500   | 150                   | 4660               | 4910   | 5160   | 5360   | 10°/12°                         |
| M350       | 3500                     | 2000                                     | 2500   | 3000   | 3500   | 2515                     | 4555                                      | 4700   | 150                   | 4680               | 4930   | 5180   | 5380   | 10°/12°                         |
| M370       | 3700                     | 2000                                     | 2500   | 3000   | 3500   | 2615                     | 4755                                      | 4900   | 150                   | 4690               | 4940   | 5190   | 5390   | 10°/12°                         |
| M400       | 4000                     | 2000                                     | 2500   | 3000   | 3500   | 2815                     | 5055                                      | 5200   | 150                   | 4760               | 5010   | 5260   | 5460   | 10°/6°                          |
| M425       | 4250                     | 1950                                     | 2200   | 2900   | 3500   | 2940                     | 5305                                      | 5450   | 150                   | 4780               | 5030   | 5280   | 5480   | 10°/6°                          |
| M450       | 4500                     | 1850                                     | 2000   | 2900   | 3400   | 3065                     | 5555                                      | 5700   | 150                   | 4790               | 5040   | 5290   | 5490   | 10°/6°                          |
| M475       | 4750                     | 1600                                     | 1800   | 2850   | 3350   | 3190                     | 5805                                      | 5950   | 150                   | 4840               | 5090   | 5340   | 5540   | 10°/6°                          |
| M500       | 5000                     | 1500                                     | 1700   | 2600   | 3100   | 3315                     | 6055                                      | 6200   | 150                   | 4880               | 5130   | 5380   | 5580   | 5°/6°                           |
| M550       | 5500                     | 1350                                     | 1450   | 2400   | 2900   | 3615                     | 6555                                      | 6700   | 150                   | 4970               | 5220   | 5470   | 5670   | 5°/6°                           |
| M600       | 6000                     | 1200                                     | 1300   | 2000   | 2500   | 3865                     | 7055                                      | 7200   | 150                   | 5020               | 5270   | 5520   | 5720   | 5°/6°                           |

Wide View Full Free 2-stage Mast

| Mast model | Max. lifting height (mm) | Load capacity (load center is 500mm)(Kg) |        |        |        | Lowered mast height (mm) | Extended mast height (with backrest) (mm) |        | Free lift height (mm) | Service weight(kg) |        |        |        | Mast tilting angle (α/β) (deg.) |
|------------|--------------------------|------------------------------------------|--------|--------|--------|--------------------------|-------------------------------------------|--------|-----------------------|--------------------|--------|--------|--------|---------------------------------|
|            |                          | CPCD20                                   | CPCD25 | CPCD30 | CPCD35 |                          | 2-2.5t                                    | 3-3.5t |                       | CPCD20             | CPCD25 | CPCD30 | CPCD35 |                                 |
| ZM200      | 2000                     | 2000                                     | 2500   | 3000   | 3500   | 1765                     | 3055                                      | 3200   | 565                   | 4520               | 4770   | 5020   | 5220   | 10°/12°                         |
| ZM250      | 2500                     | 2000                                     | 2500   | 3000   | 3500   | 2015                     | 3555                                      | 3700   | 815                   | 4580               | 4830   | 5080   | 5280   | 10°/12°                         |
| ZM300      | 3000                     | 2000                                     | 2500   | 3000   | 3500   | 2265                     | 4055                                      | 4200   | 1065                  | 4620               | 4870   | 5120   | 5320   | 10°/12°                         |
| ZM330      | 3300                     | 2000                                     | 2500   | 3000   | 3500   | 2415                     | 4355                                      | 4500   | 1215                  | 4680               | 4930   | 5180   | 5380   | 10°/12°                         |
| ZM350      | 3500                     | 2000                                     | 2500   | 3000   | 3500   | 2515                     | 4555                                      | 4700   | 1315                  | 4700               | 4950   | 5200   | 5400   | 10°/12°                         |
| ZM370      | 3700                     | 2000                                     | 2500   | 3000   | 3500   | 2615                     | 4755                                      | 4900   | 1415                  | 4710               | 4960   | 5210   | 5410   | 10°/12°                         |
| ZM400      | 4000                     | 2000                                     | 2500   | 3000   | 3500   | 2815                     | 5055                                      | 5200   | 1615                  | 4780               | 5030   | 5280   | 5480   | 10°/6°                          |
| ZM425      | 4250                     | 1950                                     | 2200   | 2900   | 3500   | 2940                     | 5305                                      | 5450   | 1740                  | 4800               | 5050   | 5300   | 5500   | 10°/6°                          |
| ZM450      | 4500                     | 1850                                     | 2000   | 2900   | 3400   | 3065                     | 5555                                      | 5700   | 1865                  | 4810               | 5060   | 5310   | 5510   | 10°/6°                          |
| ZM475      | 4750                     | 1600                                     | 1800   | 2850   | 3350   | 3190                     | 5805                                      | 5950   | 1990                  | 4860               | 5110   | 5360   | 5560   | 10°/6°                          |
| ZM500      | 5000                     | 1500                                     | 1700   | 2600   | 3100   | 3315                     | 6055                                      | 6200   | 2115                  | 4900               | 5150   | 5400   | 5600   | 5°/6°                           |
| ZM550      | 5500                     | 1300                                     | 1400   | 2400   | 2900   | 3615                     | 6555                                      | 6700   | 2415                  | 4990               | 5240   | 5490   | 5690   | 5°/6°                           |
| ZM600      | 6000                     | 1100                                     | 1200   | 2000   | 2500   | 3865                     | 7055                                      | 7200   | 2665                  | 5040               | 5290   | 5540   | 5740   | 5°/6°                           |

Wide View Full Free 3-stage Mast

| Mast model | Max. lifting height (mm) | Load capacity (load center is 500mm)(Kg) |        |        |        | Lowered mast height (mm) | Extended mast height (with backrest) (mm) |        | Free lift height (mm) | Service weight(kg) |        |        |        | Mast tilting angle (α/β) (deg.) |
|------------|--------------------------|------------------------------------------|--------|--------|--------|--------------------------|-------------------------------------------|--------|-----------------------|--------------------|--------|--------|--------|---------------------------------|
|            |                          | CPCD20                                   | CPCD25 | CPCD30 | CPCD35 |                          | 2-2.5t                                    | 3-3.5t |                       | CPCD20             | CPCD25 | CPCD30 | CPCD35 |                                 |
| ZSM360     | 3600                     | 1900                                     | 2400   | 2800   | 3300   | 2015                     | 4655                                      | 4800   | 815                   | 4680               | 4930   | 5180   | 5390   | 10°/6°                          |
| ZSM400     | 4000                     | 1900                                     | 2400   | 2800   | 3300   | 2165                     | 5055                                      | 5200   | 965                   | 4730               | 4980   | 5230   | 5430   | 10°/6°                          |
| ZSM435     | 4350                     | 1900                                     | 2300   | 2800   | 3300   | 2265                     | 5405                                      | 5550   | 1065                  | 4800               | 5050   | 5300   | 5510   | 10°/6°                          |
| ZSM450     | 4500                     | 1850                                     | 2150   | 2700   | 3200   | 2315                     | 5555                                      | 5700   | 1115                  | 4830               | 5080   | 5330   | 5540   | 10°/6°                          |
| ZSM470     | 4700                     | 1750                                     | 1900   | 2500   | 3000   | 2375                     | 5755                                      | 5900   | 1175                  | 4850               | 5100   | 5350   | 5560   | 10°/6°                          |
| ZSM480     | 4800                     | 1750                                     | 1900   | 2500   | 3000   | 2415                     | 5855                                      | 6000   | 1215                  | 4900               | 5150   | 5400   | 5610   | 10°/6°                          |
| ZSM500     | 5000                     | 1600                                     | 1800   | 2400   | 2900   | 2515                     | 6055                                      | 6200   | 1315                  | 4970               | 5220   | 5470   | 5670   | 5°/6°                           |
| ZSM550     | 5500                     | 1300                                     | 1500   | 2100   | 2900   | 2615                     | 6455                                      | 6600   | 1415                  | 5070               | 5320   | 5570   | 5770   | 5°/6°                           |
| ZSM600     | 6000                     | 1000                                     | 1150   | 1750   | 2250   | 2815                     | 7055                                      | 7200   | 1615                  | 5130               | 5380   | 5630   | 5830   | 5°/6°                           |

HELI smart fleet management system (optional)

|                      |                                       |
|----------------------|---------------------------------------|
| Vehicle positioning  | Vehicle management                    |
| Remote diagnosis     | Identification recognition (optional) |
| Remote monitoring    | Weight management (optional)          |
| Maintenance reminder | Collision management (optional)       |
| Statistical form     |                                       |

