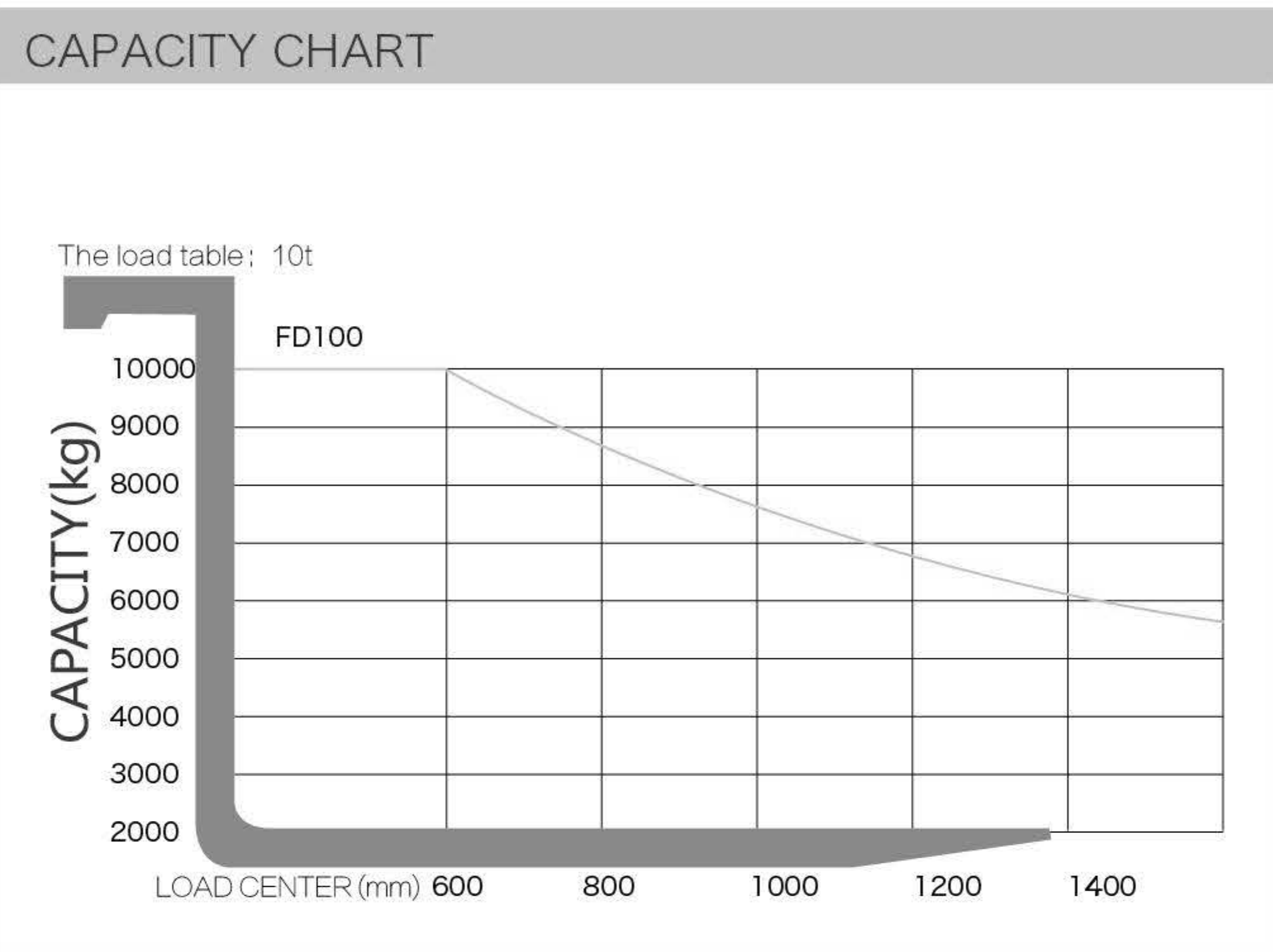
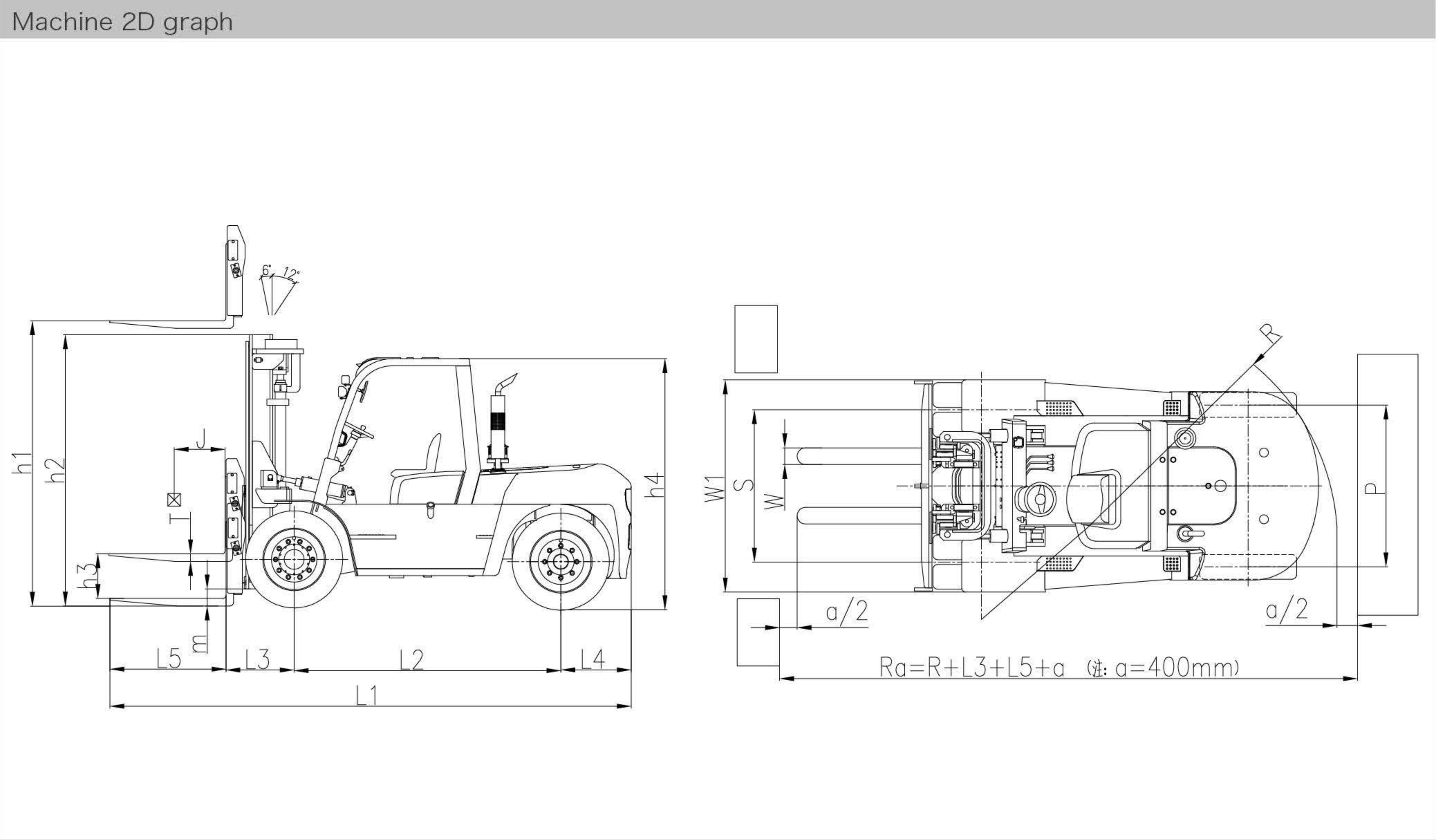




Specification of Optional Engine

| Model              | Rated Power/Speed | Rated torque  | Displacement |
|--------------------|-------------------|---------------|--------------|
| -                  | (kW/r.p.m)        | (N · m/r.p.m) | (L)          |
| XiChai CA6110      | 83/2000           | 450/1450      | 7.127        |
| ISUZU 6BG1QC-02    | 82.4/2000         | 416.8/1500    | 6.494        |
| MITSUBISHI S6K-T   | 82.4/2000         | 500/1200      | 6.37         |
| PERKINS 1104D-44TA | 83/2200           | 418/1400      | 4.4          |



# FD100

## DIESEL FORKLIFT







## ■ TECHNICAL FEATURES

### Safe & Reliable

- Engine is with large torque and capacity, which is powerful and can meet different operation demands;
- Lifting system is equipped with up and down buffer cylinders, which reduce shock and vibration efficiently;
- The forklifts are nice in appearance with streamline design. They work stably with high efficiency and good grade ability and can be operated in bad working conditions;

### Comfort & Practical

- Scientific ergonomic design makes operation more portable and comfortable.
- Seat and backrest are adjustable. Steering wheel tilt angle is also adjustable, which leaves more legroom. The portable gearshift is quick to shift and easy to operate;
- Reinforced mast with wide view design improves efficiency and safety, meanwhile enhances anti-force capacity.

| M WIDE VIEW STANDARD MAST |          |                     |               |                      |                     |                     |
|---------------------------|----------|---------------------|---------------|----------------------|---------------------|---------------------|
| Lifting Height            | Capacity | Maximum lift height | Forks landing | Height with Backrest | Free lifting height | Mast Tilt angle F/R |
| mm                        | kg       | mm                  | mm            | mm                   | mm                  | °                   |
| 3000                      | 10000    | 3000                | 2850          | 4335                 | 220                 | 6/12                |
| 3500                      | 10000    | 3500                | 3100          | 4835                 | 220                 | 6/12                |
| 4000                      | 9500     | 4000                | 3450          | 5335                 | 220                 | 6/12                |
| 4500                      | 9500     | 4500                | 3700          | 5835                 | 220                 | 6/12                |
| 5000                      | 9000     | 5000                | 3950          | 6335                 | 220                 | 6/6                 |
| 5500                      | 8000     | 5500                | 4250          | 6835                 | 220                 | 3/6                 |
| 6000                      | 7500     | 6000                | 4500          | 7335                 | 220                 | 3/6                 |

## ■ DIESEL FORKLIFT FD100

| FEATURES                         |            | FD100            |
|----------------------------------|------------|------------------|
| Power                            | —          | Diesel           |
| Rated Capacity                   | kg         | 10000            |
| Center of load                   | J(mm)      | 600              |
| Lifting height                   | h1 (mm)    | 3000             |
| Free lifting height              | h3(mm)     | 220              |
| Forks L×W×H                      | L5xWxT(mm) | 1220×175×80      |
| Tilt Forward/Backward            | °          | 6/12             |
| Min.turning radius               | R(mm)      | 4280             |
| Min.Right Angle Aisle Width      | Rb(mm)     | 3514             |
| Min.ground clearance(Mast)       | Ra(mm)     | 6615             |
| ground clearance(Mast)           | m(mm)      | 250              |
| Overhead guard height            | h4(mm)     | 2600             |
| Front overhang                   | L3(mm)     | 715              |
| Rear overhang                    | L4(mm)     | 740              |
| PERFORMANCE                      |            |                  |
| Max.traveling speed(loaded)      | km/h       | 20               |
| Max.lifting speed (loaded/empty) | mm/s       | 290/350          |
| Drawbar pull                     | kN         | 57               |
| Gradeability                     | %          | 20               |
| SIZE                             |            |                  |
| Overall length (with fork)       | L1 (mm)    | 5475             |
| Overall width                    | W1 (mm)    | 2230             |
| Mast lowered height              | h2(mm)     | 4335             |
| Mast extended height             | mm         | 2850             |
| CHASSIS                          |            |                  |
| Tire Front                       | —          | 9.00-20-14PR     |
| Tire Rear                        | —          | 9.00-20-14PR     |
| Wheelbase                        | L2(mm)     | 2800             |
| Tread width(Front/Rear)          | S/P(mm)    | 1600/1700        |
| Curb weight(Non-load)            | kg         | 12500            |
| ENGINE                           |            |                  |
| Battery(Voltage/Capacity)        | V/Ah       | (12/90)x2        |
| Engine(Model)                    | —          | XinChai6110      |
| Engine(Rated power)              | kW/r.p.m   | 83/2000          |
| Engine(Rated torque)             | N.m/r.p.m  | 450/1450         |
| Engine(Cylinder amount)          | mm         | 110×125          |
| Engine(Bore×Stroke)              | —          | 6                |
| Engine(Displacement)             | L          | 7.127            |
| Fuel tank                        | L          | 140              |
| Transmission                     | —          | 2/2 Manual Shift |
| Working pressure                 | MPa        | 20               |

| STANDARD CONFIGURATION |                     |                                 | OPTIONS                                                           | ATTACHMENT                                       |
|------------------------|---------------------|---------------------------------|-------------------------------------------------------------------|--------------------------------------------------|
| Wideview mast          | 2 piece multi valve | Adjustable steering wheel       | <input type="checkbox"/> Luxury seat                              | <input type="checkbox"/> Side shifter            |
| Standard fork          | Tornado air filter  | Lifting & tilting handle        | <input type="checkbox"/> Cab                                      | <input type="checkbox"/> Fork positioner         |
| Backrest               | Speed limit valve   | Water temperature gauge         | <input type="checkbox"/> Heater                                   | <input type="checkbox"/> Hinged fork             |
| Overhead guard         | Handle              | Hydraulic oil level gauge       | <input type="checkbox"/> Fork cover                               | <input type="checkbox"/> Carpet boom             |
| Oil pressure indicator | Toolbox             | Hydraulic oil return filter     | <input type="checkbox"/> Solid tyre                               | <input type="checkbox"/> Extended fork           |
| Rearview mirror        | Rubber pad          | Rir spring rod for hood         | <input type="checkbox"/> Windshield                               | <input type="checkbox"/> Fork cover              |
| Timer                  | Traction pin        | Durable pneumatic tire          | <input type="checkbox"/> Oil-bath double filter(on overheadguard) | <input type="checkbox"/> Lifting boom            |
| Fuel Gauge             | Electric Horn       | Turning signal                  |                                                                   | <input type="checkbox"/> Paper roll clamp        |
| Air intake system      | Standard seat       | Engine flameout device          |                                                                   | <input type="checkbox"/> Bale clamp              |
| Oil scale in torque    | Parking brake       | Hydraulic powered steering      |                                                                   | <input type="checkbox"/> Rotator                 |
| Double filter          | High exhaust        | Double front tire and protector |                                                                   | <input type="checkbox"/> Barrel clamp            |
|                        |                     |                                 |                                                                   | <input type="checkbox"/> Tipping fork and bucket |

The company reserve the right for specification change; Should any revision on specification, a further notice shall prevail.