

GLOBAL SALES NETWORK



XF Series

5.0/6.0/7.0t Diesel / LPG



CE CERTIFICATE



ISO14001

ISO14001: 2004



ISO9001

ISO9001: 2008

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Comfortable operation

In developing the new XF 5-7t series, comfort and easy operation is always considered, for example, improved vibrating levels, compound engine damper and full floating seat and cabin are applied. Comfortable also contribute to increased productivity.

- 1 The extra foot space is provided to reduce operator fatigue significantly. The new wide-open, non-slip step makes getting in and out easy and safe.

The optional Electro-hydraulic proportional control system contributes more sensitive and precise load handling. The easy-to-operate levers provide total load handling operation. An armrest is provided to reduce fatigue.

- 2 In addition to the soft landing system, the soft lifting system is adopted (front lifting cylinders of triplex mast and full free duplex mast), as a result, the noise and shock of the mast significantly decreases.

- 3 The new design mast provides broad forward visibility due to the distance between inside mast is increase 60mm.

- 4 The patent plated-fin type aluminum radiator is applied, the heat exchanging is approved, and improves the capability for operation in severe environment.

- 5 There're four levels shock absorption applied to reduced the vibration from the road to the driver. The damping pad is applied reduce the vibration, Like between the steering axle and the chassis, The engine, torque convertor and the chassis, the overhead guard and the chassis. And the suspension seat is another vibration reduction.

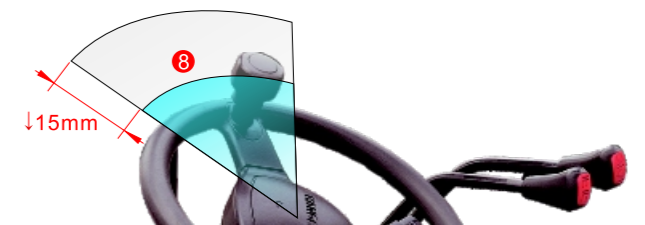
- 6 The new, relocated easy-to-see LCD meter lets the operator check on all aspects of operational status at a glance.

- 7 The new automobile-style light/turn-signal lever and forward-reverse lever are ergonomically designed and arranged to improve comfort and productivity.

- 8 The small diameter steering wheel with tilt adjustment provides the ideal operating position. The superior responsiveness of the steering wheel optimizes maneuverability even in narrow spaces.

- 9 Only 90N parking brake force is required.

- 10 The automobile-style suspended pedals provide more ergonomic operation.



Environmental Friendliness

Environmentally friendly material, low exhaust emission, and low noise level, all these are considered at the beginning of the product development.

- 11 Special developed engine is applied for optimum balance of power and superior environmental performance. All diesel engines are in compliance with EU stage-III control regulation.

The environment friendly materials, such as non-asbestos brake shoe and new type sealing gasket, are adopted entirely to meet environmental safety. And the noise level is reduced 3dB too.



The applied optimized exhaust muffler, intake muffler and the noise shield technologies are reduced 3dB at the driver's ear noise level.



Productivity

Thanks to the series technological innovations, the efficiency of the truck is improved, the energy consumption is reduced.

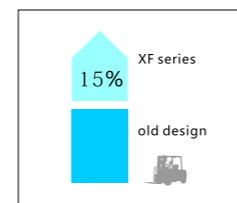
The new patent dynamic load sensing hydraulic steering system contributes to reduce loss of hydraulic, improve energy consumption and increase 15% lifting speed.

- 12 The new efficiency LED lighting system and new type reflector reduce energy consumption, improve illumination performance and prolong working life. By optimizing transmission design, the power train provides higher efficiency, and the Max. driving speed is increased 20%.

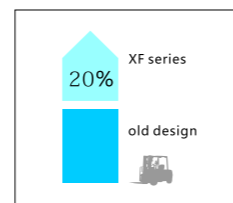
Reliability

By focusing on enhancing reliability, reducing downtime, the XF series is able to make the greater productivity for customer.

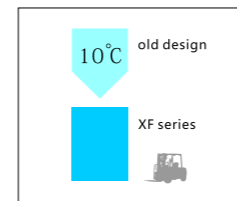
- 13 High strength chassis, mast and front/rear axle are to make sure the reliability of the truck, even for high strength application.
- 14 All the controllers, relays, and safety fuses are allocated in the controller box, free to water and dust. The main electronic components are waterproof, which is capable operator in severe environment. And the famous brand air-filter is also applied in the truck.



Lifting speed at full load



Travel speed



Hydraulic oil

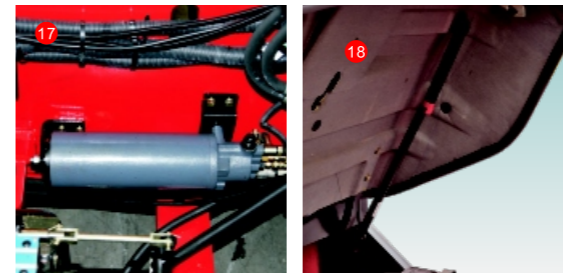
- 15 Brake oil and steering oil are separated, non-interference in each other, using dynamic load sensing steering system, more energy efficient.
- 16 The new stamped air cleaner featuring tangential intake, double seal with safety filter is durable, corrosion-free and vibration-resistant, provides better filter efficiency and lower intake resistance than the previous.



Safety

A wide range of technologies are applied to ensure absolute safety for both the operator and those in the surrounding.

- 17 There's an energy accumulator applied in the braking system, which means when the engine is shut down, it can also provide more than 4 times emergency brake.
- 18 The locking device of the engine hood damper and parking brake help add to safety.



Easy maintenance

Careful design facilitates inspection and servicing. Easy maintenance reduces the amount of downtime and helps to reduce cost also.

- 19 The rotating LPG bottle holder is easy to replace the bottle, reduces the downtime.
- 16 The location of the air-filter is easy to reach, and it's very easy to replace the filter.

All the locations of the engine oil level dipstick, filter of hydraulic, water separator are easy to reach, and very easy for engineer to check.

There's gas spring support for the front cover of radiator, and it can auto-open when the rear cover of radiator is opened.



- 20 The seat sensor system incorporates lifting/tilting and traveling locking function. When the operator leaves the seat, the system automatically locks lifting/tilting and disables traveling to ensure safety.
- 21 A throttling device is adopted to avoid the mast being out of control even some pipes are broken.



