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XF SERIES

DIESEL / LPG COUNTERBALANCED TRUCKS

With capacities of 5,000 to 7,000kg



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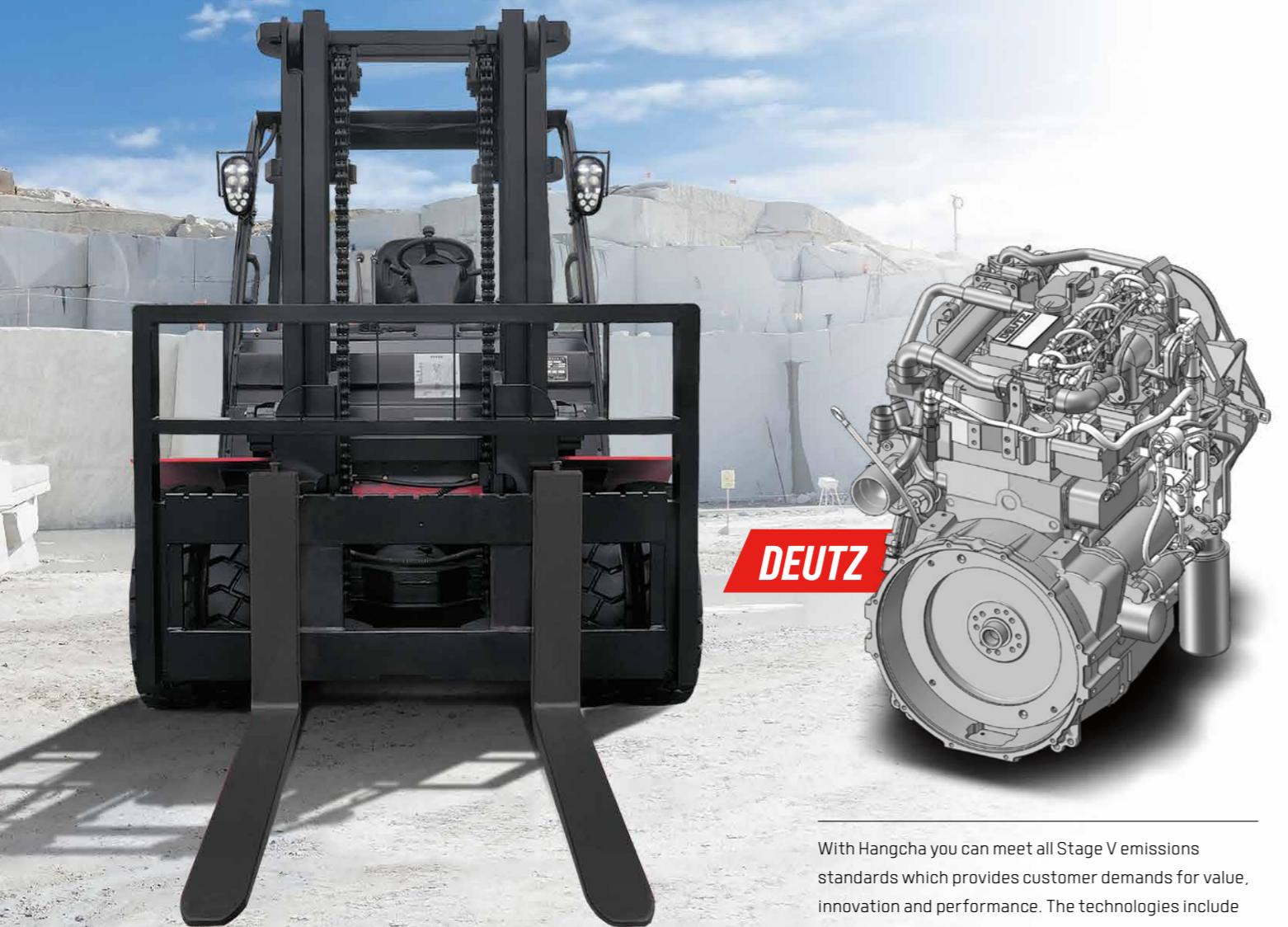
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HANGCHA be with you at every stage

Efficient, reliable solutions for your demands

STAGE V



HANGCHA Forklift with StageV

No.	Capacity	Series	Manufacturer	Engine	Drive power	Model	Emission Std.	Transmission	Power [kw/rpm]	Service brake
1	5.0-7.0t	XF	DEUTZ	TCD 3.6 L4	Diesel	CPCD50/60/70-XW95G	Stage V/T4F	ZF	55.4/2300	Wet brake
2	5.0-7.0t	XF	Cummins	F3.8	Diesel	CPCD50/60/70-XH16B	Stage V/T4F	Okamura	90/2200	Wet brake
3	5.0-7.0t	XF	Yuchai	YCA05115-S500	Diesel	CPCD50/60/70-XH15B	Stage V	Okamura	85/2200	Wet brake
4	5.0-7.0t	XF	PSI	PSI 4.3	LPG	CPYD50/60/70-XH20	Stage V	CHINA	79.75/2300	Drum brake

Note: Stage V applied for European Union also including Israel and Turkey

EASY MAINTENANCE

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

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

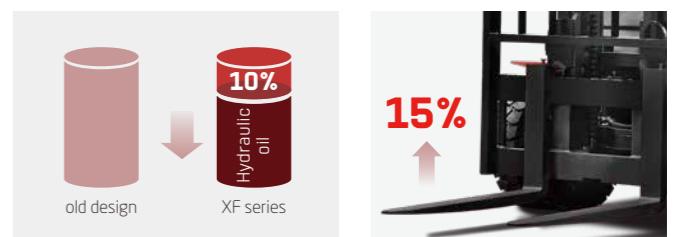


PRODUCTIVITY

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



By optimizing transmission design, the power train provides higher efficiency, and the Max. driving speed is increased **20%**



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



- Interactive instrument: The instrument adopts 4.0-inch LCD display with four interactive buttons, and has one CAN bus communication function. The communication protocol is compatible with CANopen and SAE J1939 standards.



- The new efficiency LED lighting system and new type reflector reduce energy consumption, improve illumination performance and prolong working life.

COMFORTABLE OPERATION

In developing the 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.

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



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



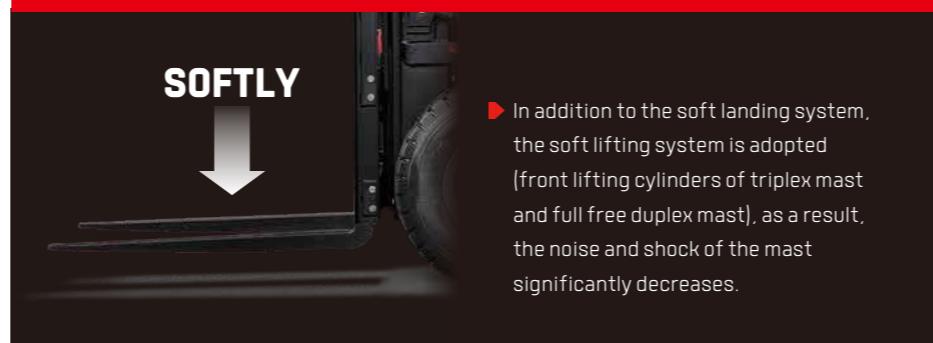
- The new automobile-style light/turn-signal lever and forward-reverse lever are ergonomically designed and arranged to improve comfort and productivity.



- 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.



- 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.



- 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.

SAFETY

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



- The locking device of the engine hood damper and parking brake help add to safety.



- There's an energy accumulator applied in the braking system, which means when the engine is shut down, it can also provides more than 4 times emergency brake.

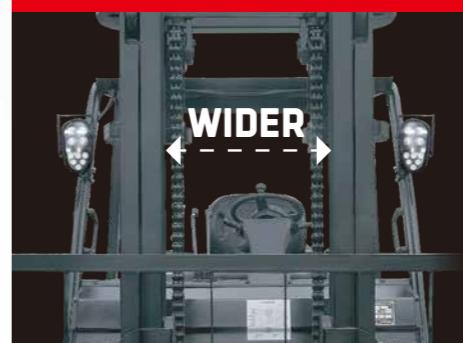


- The seat sensor system incorporates lifting/tilting and traveling locking function. When the operator leaves the seat, the system automatically locks lifting/tilting and disables traveling to ensure safety.

- A throttling device is adopted to avoid the mast being out of control even some pipes are broken.



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



Features

Truck	Standard	Options
Traction device	●	
Hand grip	●	
Standard seat	●	
Standard overhead guard	●	
Waterproof cover on the guard	●	
Back view mirror	●	
Pneumatic tyres	●	
Cabin		○
Cabin heater		○
Front window		○
Super elastic tyre		○
Non-mark tyre(white/green)		○
Suspension seat		○
Extinguisher		○
Special given color		○
Boot for tilt cylinder		○
Counter weight net		○
Seat sensor system		○
Toolbox		○
Hood lock (for W95 engine)		○
Steering		
Full hydraulic power steering	●	
Smaller diameter steering wheel	●	
Adjuster of steering wheel	●	
Chassis		
Skidproof pedal	●	
Rubber pedal	●	
Engine hood spring	●	
Control		
Power steering	●	
Suspension pedal	●	
Integrated combination switch	●	
Parking brake	●	
Hydraulic		
Dynamic load sending control valve	●	
Hydraulic oil filter	●	
Tilt cylinder self-lock valve	●	
Hydraulic oil dipstick	●	
Accumulator	●	
Auxiliary hydraulic valve		○
Elecctro-hydraulic		○
Proportional control system		○
Transmission		
Suspension transmission	●	
Oil filter	●	
Dipstick	●	
Oil cooler	●	
Non-asbestos brake	●	
Wet brake (W65/W95/H16/H15)	●	
Drum brake (W14/W57/W68/W24/H20)	●	
Japanese drum brake		○
Wet brake		○
Power		
Big capacity aluminum radiator	●	
Whirlwind air cleaner	●	
Safety filter	●	
High-efficient intake muffer	●	
High-efficient exhaust muffer	●	
Middle-positioned exhaust system (W65/W14/W57/W68/W24/H20)	●	
High-positioned exhaust system (W95/H16/H15)	●	
Upright exhaust system		○
Air pre-cleaner		○
Net cover of radiator		○
Spark arrester		○
Purified exhaust system		○
Fan protector		○

Electronics	Standard	Options
High-efficient front lights	●	
High-efficient LED rear lights	●	
Service-free start battery	●	
Combination controller	●	
LCD display	●	
Neutual switch	●	
Hour meter	●	
Fuel gauge	●	
Water temperature gauge	●	
Pre-heat indicator	●	
Charging indicator	●	
Engine fuel pressure warning	●	
Oil temperature	●	
Horn	●	
Reversing buzzer	●	
Air-filter with jam sensor	●	
Emergency power off	●	
OBD		○
Front working light		○
Rear working light		○
Warning lamp		○
Mast		
Standard wide view duplex mast	●	
Standard forks	●	
Standard fork carriage	●	
Standard load back rest	●	
Mast speed limiting valve	●	
Load safety valve	●	
Mast down buffer device	●	
Mast up buffer device	●	
Side roller	●	
Duplex wide view free-lift mast		○
Triplex wide view free-lift mast		○
Special forks		○
Wider fork carriage		○
Widerload back rest		○
Optional Attachments		
Paper roll clamp		○
Rotating bale clamp		○
Load stabilizer		○
Multi-drum clamp		○
Bale clamp		○
Drum clamp		○
Dumping clamp		○
Crane arm		○
String Pole		○
Sideshifter		○
Rotating forks		○
Fork extionser		○
Load release device		○
Carton clamp		○
Push-pull device		○
Bucket		○
Hook		○
Lengthened fork		○