

Zetor

FORTERRA HD 150



EXCEPTIONAL POWER
EXCEPTIONAL ECONOMY



Tractor is Zetor. Since 1946.



FORTERRA HD 150



Zetor **Forterra HD** tractors feature a unique combination of high power and torque, extreme fuel efficiency and high operator's comfort. Equipped with the top version of the proven and highly popular ZETOR 4-cylinder engine with Zetor 16-valve technology, it is one of the most fuel efficient tractors on the world market. This transfers to several thousand dollars of fuel savings during the life of the tractor.

At the same time, Zetor inline injection pump and mechanical injectors are simple in design, and their long track record shows very low operating costs, high reliability and very long

life compared with common-rail systems, while delivering comparable noise levels. Engine balancing shafts make the HD engine run as smooth as any six-cylinder.

The internal components of our engines have been designed to last. Because we have been designing and manufacturing our engines for almost 70 years, we also service all their components including injection systems, all that at a very low cost.



The **Forterra HD** is the most advanced tractor four-cylinder series we ever built. The objective was to introduce a high horsepower tractor with a fourcylinder engine offering fuel economy and low operating costs that no six-cylinder tractor with the same power can match, and at the same time deliver the same durability and reliability Zetor Forterra tractors have been known for almost 20 years. All that at a very attractive price.

Zetor **Forterra HD** is equipped with a new heavy duty powertrain in all-new and larger housings. The actual gearbox is the proven 30/30 power shuttle transmission introduced in 2012 in the HSX series.

The reliable three-speed power shift comes from previous generations of our Forterra series and can be controlled manually or shift automatically.

New for HD is PTO clutch control that automatically adjusts the startup speed depending on the implement, for fast but smooth engagement with any implement.

The standard 540E and 1000E PTO speeds combined with very large torque rise of our engines allow further significant reduction in fuel usage compared to using standard 540 or 1000 PTO speeds.

PTO and front wheel drive can be controlled automatically depending on the position of the three-point hitch and the front wheel turning angle for automated headland management.





LOADER CONTROLS

The matching heavy duty loader can be controlled by a mechanical or a digital joystick. The digital version is attached to the seat on a flexible mount.



MULTI-FUNCTION CONTROL CENTER

Standard four sets of remotes are controlled electronically by high precision proportional valves. Their controls along with most other controls and an electronic joystick are newly arranged in the command center on the right side of the cab to underscore the new hi-tech design of the cab interior.



Comfort and ergonomics

To enhance operator's comfort, Forterra HD has a significantly extended wheelbase so the comfort is fully comparable to six-cylinder tractors. The inside noise has been reduced by 3 dBA.



SPRING-MOUNTED CAB & SPRING-MOUNTED FRONT DRIVEN AXLE

A cab suspension and the new patented front axle with spring suspension are available as options





SPECIFICATIONS

ENGINE	
Type	Zetor 4-cyl. 254 cu.in high efficiency turbocharged diesel; water cooled; wet sleeves; air-to-air intercooling; mechanical in-line injection pump with electronic controls and mechanical injectors
No. of valves	16
Max continuous engine horsepower [hp]	147
Rated engine speed [rpm]	2,200
PTO horsepower [hp]	125
Cold weather starting system	Glow plug in each cylinder
Fuel tank capacity [gal.]	60
CLUTCH	
Type	Wet multi-plate clutch
TRANSMISSION	
Type	Fully synchronized with electro-hydraulic shuttle and 3-speed power shift with manual or automatic shifting
Forward/reverse gears	30/30
P.T.O. SHAFT	
Type	Independent, 4-speed (540/540E/1000/1000E)
FRONT AXLE	
Type	With differential lock; front axle with suspension optional
HYDRAULIC SYSTEM	
Type	Open center; Electronic control with AHC (Adaptive Hitch control)
Flow @ pressure at remotes	23 gpm @ 2,900 psi
Three point hitch	Cat 2/3
Function	Position, draft, mixed, AHC
Lifting force @ end of lower links [lbs.]	18,700
Standard remote outlets	4 sets with electronic controls with levers and joystick
TIRES	
Front	14.9R-24; 480/70R-24
Rear	520/70R-38; 580/70R-38
MAIN DIMENSIONS	
Wheelbase [in]	107
Length [in]	182
Width [in]	96
Height [in]	110
Wheel tread [in]	
- front	67 and 74
- rear	65 and 72
Standard remote outlets	4 sets with electronic controls with levers and joystick
WEIGHT	
w/o weights [lbs]	12,030

STANDARD EQUIPMENT

- Air suspension seat with multiple adjustment and arm rests
- Instructional seat
- Tilt and telescoping steering wheel
- Tinted windows
- Front and rear wipers
- Windshield washer
- Heated rear window
- Heated rear view mirrors
- Roller sun blind
- Roof with glass window
- Multi-function digital display dashboard
- Swing-style front fenders
- Air conditioning
- Ten front and four rear halogen lights

- CD radio with two speakers
- Rear and front differential locks with manual or automatic engagement
- External controls for three-point hitch and PTO on both rear fenders
- Rear fender side extension
- Electro-hydraulic front wheel drive clutch control with manual or automatic engagement
- Headland management system based on three-point height and on the front wheel turning angle (automatic PTO, FWD and differential lock control)
- Four sets of remote outlets controlled by electronic knobs and joystick (all sets have detented pressure positions with automatic release with adjustable pressure and timer, float and built-in check valves for zero drift)

ZETOR IS YOUR RELIABLE PARTNER

New ideas combined with the traditional heavy Zetor chassis, its simplicity, reliability, long life and ease of repairs earned Zetor tractors respect of farmers in over 100 countries, around the world. To achieve these high standards, Zetor uses exclusively in-house designed and manufactured components, as well as highest quality components designed and manufactured in Europe and U.S. by leading companies. Final assembly is performed in Zetor's own factory in the Czech Republic, a country known for its 100+ year tradition of advanced engineering and manufacturing. In North America, Zetor has been operating a full line parts and service facility since 1983. Together with a network of Zetor dealers, we are dedicated to deliver parts and service support second to none. All Zetor products carry 5-year powertrain warranty. Because we are a small company, we stay in touch with our customers. You are just a phone call away from our dedicated factory service staff. See one of our dealers for an accurate comparison with competition.

OPTIONS

- Block heater
- Cab suspension
- Front axle with spring suspension with computer control
- Front and rear weights
- Front three-point hitch and front PTO





Heavy Duty Tractors
for Professionals.

**Proven Performance
& Endurance at a Lower
Cost of Ownership.**

SUBJECT TO CHANGE. 07/2015



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