

ZETOR Forterra Series Tractors

(96 to 127 Horsepower)

Models:

9742

10742

12742



The Forterra "Seven" Series combines a variety of state-of-the-art features with the traditional Zetor ruggedness and ease of servicing. The series includes three models, all as four-wheel-drive, in a horsepower range from 96 to 127.

The Forterra "Seven" Series represents the third generation of the popular and proven Zetor Range 3 and Forterra tractors, first introduced on the market in 1991. It has been designed with no compromises, to meet the requirements of modern farming.

The Forterra Series tractors reflect more than 60 years of Zetor's design and manufacturing expertise. And, like all Zetors, they deliver exceptional value for the money.



A roomy cab has entry doors on both sides and tinted windows. The cab floor is flat and clear from all obstacles. Cab is mounted on specially designed rubber blocks to eliminate shock and vibration, for added driver comfort. High capacity heater and air conditioning are standard.

The side-mounted exhaust does not restrict operator's view.

The proven, easy to service hydraulic system offers electronic three-point hitch controls, standard three sets of remotes and 10,800 lb. hitch lifting capacity.

A smooth-shifting, fully synchronized transmission has a three-speed power shift and total of 24 speeds forward and 18 reverse. Synchronized shuttle is standard.

Well-balanced weight distribution over front and rear axle provides superior traction.

The hood and side walls are fully screened, to protect radiator from plugging. Its sloped shape improves loader bucket visibility. After all, Forterras are popular loader tractors.

Rugged engines deliver outstanding fuel economy and dependable cold weather starting.

High capacity, large diameter engine clutch is hydraulically controlled for reduced pedal effort.

Hydraulically controlled multi-plate PTO clutch.

Wet brakes with eight plates are practically maintenance-free.

Heavy-duty, mechanical front-wheel-drive with sharp 55 degree steering angle. Large front axle carrying capacity is adequate for even the most demanding front loader work.

Full hydrostatic steering has its own 6 GPM hydraulic pump, fully independent from the main hydraulic pump.

Zetor Forterra series offers general purpose tractors in 96 to 127 engine horsepower range (81 to 108 PTO horsepower):

Model 9742 ... 96 HP

Model 10742 ... 107 HP

Model 12742 ... 127 HP

All Forterra models feature heavy cast iron chassis. This is one of Zetor traditions; a chassis designed beyond the needs of the most powerful engine, and used throughout the whole range of models. Zetor's design philosophy is to add weight where it is needed most - in tractor housings themselves. Therefore, Zetor housings are exceptionally strong, to ensure long-term structural stability.

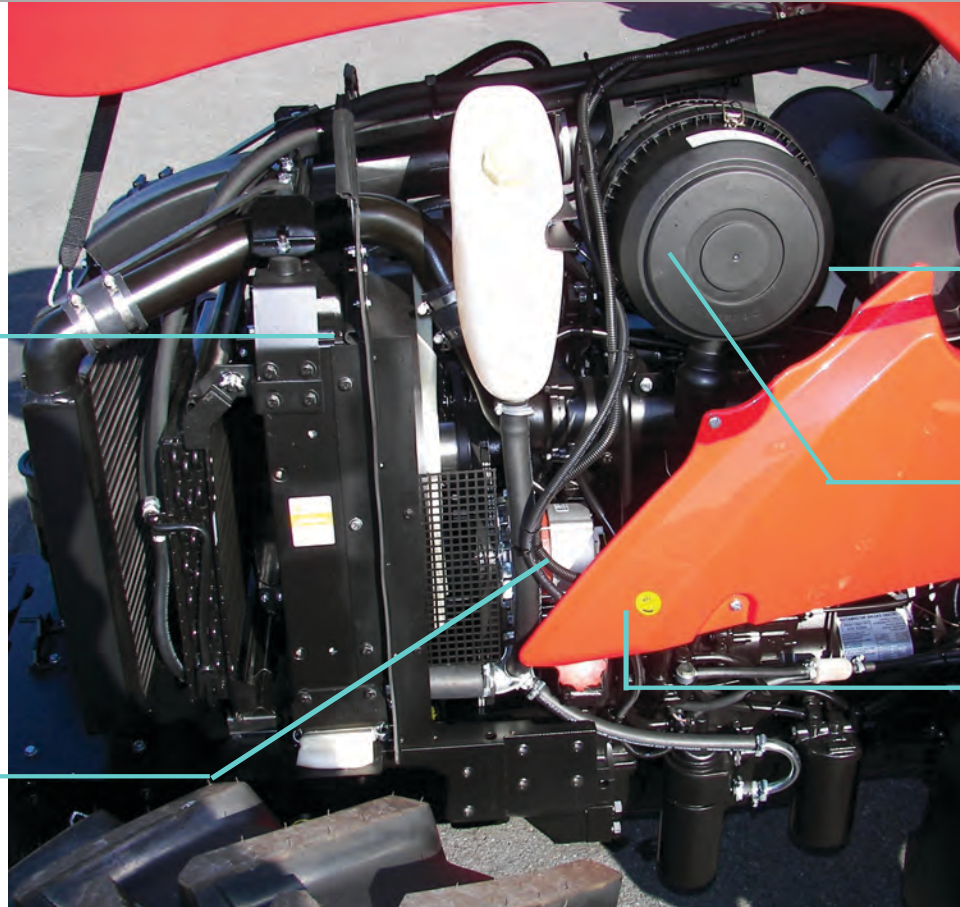


Engine

The superior-performing engines in the Forterra series are completely Zetor-built, and are a product of more than 60 years of Zetor's engine design expertise. These proven, dependable engines deliver excellent fuel economy, low maintenance requirements and top-notch performance in the field, while exceeding EPA emission regulation requirements.

The Forterra water pumps are equipped with special spool-type bearing, designed for a service-free life.

An air compressor is standard equipment and delivers 6 CFM at 90 PSI. It can be used to pump up tires in the field, or to run various equipment. Air pressure is also used to engage the front wheel drive clutch and rear differential lock.



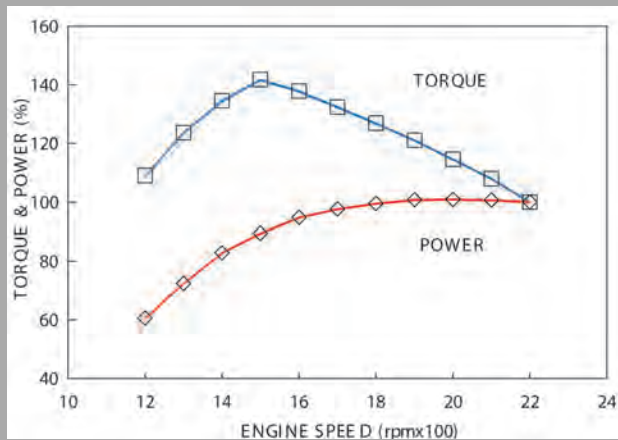
Access to all service jobs is exceptionally easy: Simply lift the hood.

Dry air cleaner with extra high capacity main and safety elements.

Heavy engine blocks ensure minimal sleeve distortion and long service life.



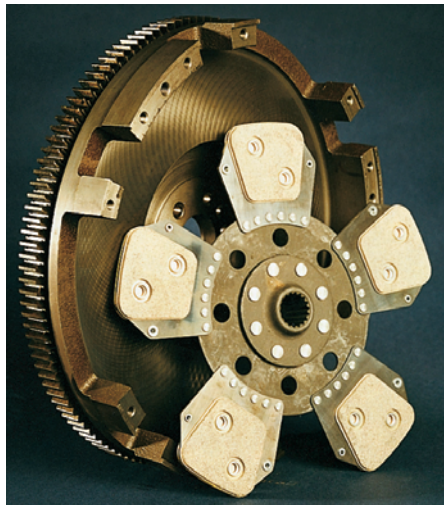
Forterra engines use the legendary all-mechanical in-line Zetor injection pumps. Unlike most rotary pumps, the Zetor pump has no rubber moving parts and is designed for lifetime service-free operation. It will also tolerate fuel of various quality -another advantage over rotary pumps. Forterra injection system is compatible with bio-diesel fuel, even B100. Zetor injection pumps and turbochargers carry 5-year manufacturer's warranty.



The Forterra engines have very high torque backup (over 40%), to reduce the need for down shifting. The engine horsepower stays constant through a broad range of engine speed. Engines exceed EPA emissions requirements, while maintaining superb fuel economy.



Precision balancers in Forterra engines ensure smooth, vibration-free run.



The new 14" heavy duty clutch with industrial grade cerametallic lining, has proven itself as well-suited for loader work. Very high mass flywheel dissipates heat efficiently. Newly redesigned clutch controls considerably reduce the effort on the clutch pedal. Low pedal force allows smooth and soft clutch engagement. The clutch does not require any adjustment.

Unlike many competitors, Zetor engines use wet cylinder sleeves. Wet sleeves make overhauls fast and inexpensive. No special tools are required.

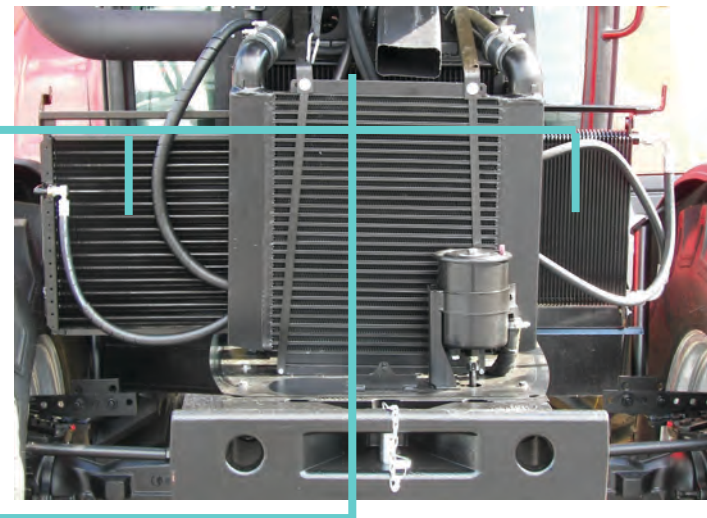


All Forterra engines are equipped with glow plugs in each cylinder, automatically controlled by the key switch. After a few seconds of preheating, the engine will start immediately, even on very cold winter days, without the help of a block heater. This system is far superior, as well as gentler to the engine than other devices, and is totally maintenance-free. It is also much more efficient than a simple thermostart. For extremely cold climates, a block heater is available as optional equipment.



A/C condenser and transmission oil cooler slide to the side for easy cleaning.

Zetor tractors use an all-copper radiator. The cooling system is designed to allow Forterra engines to operate at efficient temperatures, no matter what the load or adverse outside temperature.



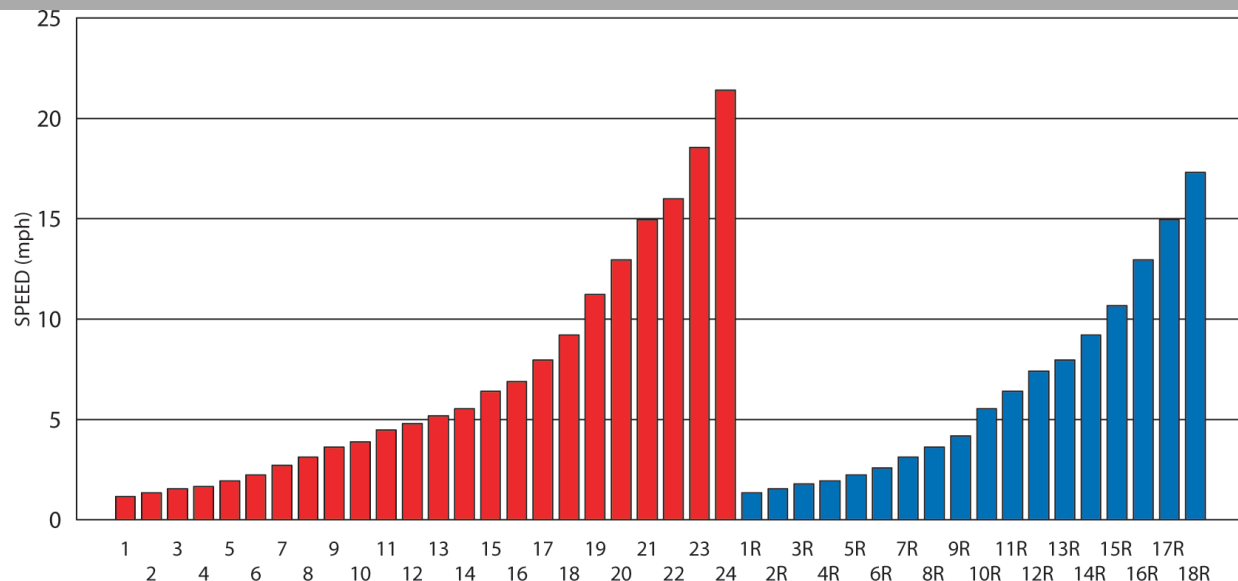
Transmission

Standard transmission on all Forterra models is fully synchronized.

The main gear shift lever selects four forward speeds. The range selector (Hi-Lo) is operated by a separate lever.

Each gear has three different ratios selected on-the-go by the hydraulically controlled power shift.

Since Zetor tractors are popular loader tractors, a synchronized shuttle shift is now standard in every Forterra. This sophisticated design brings the total number of speeds to 24 forward and 18 reverse.



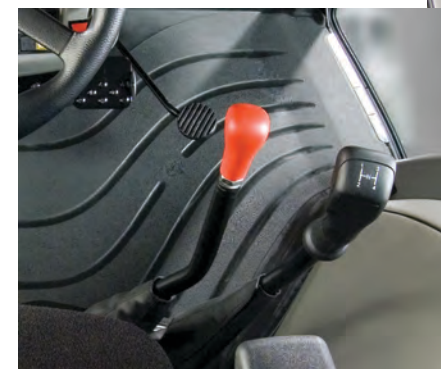
All 24 forward gears and 18 reverse gears are ideally spaced. Reverse speeds are slightly higher than forward speeds, to shorten cycles at loader work. Top speed with engine running in high idle was increased to approx. 25 mph, significantly speeding up transporting the tractor between work sites.

Speeds shown with rear tires 520/70R-38

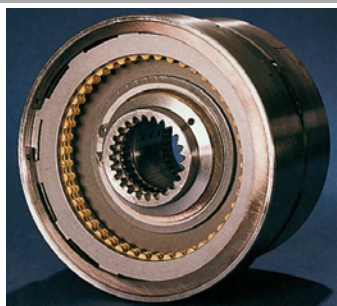


The rear differential lock is engaged on-the-go by a push button, and disengaged at a touch of a brake pedal.

The power shift push button controls are located on the main gear shift lever.



A dedicated shuttle shift makes the Forterra series a very capable loader tractor.



Zetor's proven three-speed power shift is a simple and service-free unit. Its plates are cooled and lubricated by oil supplied from the transmission oil pump, for exceptionally long life. With engine stopped, the power shift stays mechanically fully engaged in "high".



The front drive axle with very tight 55 degree turning angle provides turning radius comparable to 2WD tractors -essential for efficient loader work. Rugged rubber front fenders are standard. The limited-slip front differential, along with power-operated mechanical rear differential lock, provides increased traction in difficult terrain. The front wheel drive clutch is engaged and disengaged on-the-go by a switch.

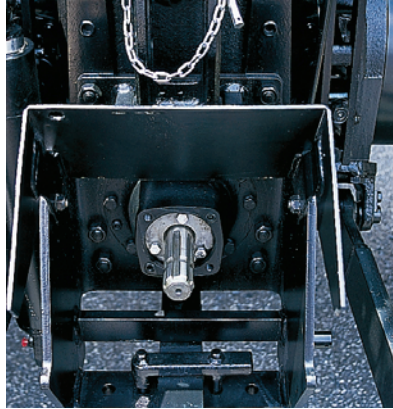


Power Take Off

Independent Power Take Off with both 540 rpm and 1000 rpm speeds is standard on all models.

To change PTO speed, just turn PTO end piece end-for-end.

The PTO shield opens up for easy implement shaft connection.



The PTO clutch is engaged by a switch in the right cab post. A Belleville spring in the clutch pack and a special hydraulic cushion valve make engagement smooth and gradual, to protect PTO drivelines from shocks.

One of the Forterra's unique features is Ground Speed PTO, which makes it possible to reverse the direction of PTO rotation (for example, to reverse the direction of a post hole digger).

The ground speed also offers extremely fuel-efficient drive for stationary applications with low horsepower equipment (such as water pumps). With the Live/Ground Speed shift lever in neutral, PTO end can be turned freely to connect the implement shaft.



The hydraulic PTO clutch pack is fully immersed in oil, to keep the plate wear to absolute minimum. Models 9742 and 10742 use four discs, model 12742 has a reinforced PTO clutch with five discs.

With PTO clutch disengaged, a mechanical brake keeps PTO from dragging. Like most Forterra gearbox shafts, the PTO clutch pack runs in high capacity tapered roller bearings.

**Also available: Front PTO (1000 rpm)
and front three-point hitch.**

Brakes

Wet disc brakes have eight discs, enclosed in massive brake housings and constantly cooled and lubricated by oil flow from the transmission oil pump. Such generous design makes plate wear so minimal that the Forterra brakes are virtually maintenance-free. The hydraulic brake control system delivers smooth brake control at feather-light pedal effort.



Cab



**Optional
foldable
instructional
seat shown.**

Newly designed suspended pedals provide greater comfort and reduced effort.

Wide, sound-insulated cab is fully upholstered.

The main gear shift lever has integrated power shift controls.

The standard shuttle shift lever.

The cab is accessible from both sides, even with installed loader controls for the original Zetor system 260 SLi loader.



Tilt and telescoping steering wheel is adjustable within a wide range.



Cab heating and air conditioning delivers more air through newly designed, more efficient filters. The powerfull heater supplies warm air just minutes after the engine start, even at zero degrees outside temperature.



New lower foot steps, several grab rails and wide doors offer comfortable access from either side.

Large window area ensures good visibility of the front axle and of the three-point hitch. Windows are tinted to improve the comfort and contoured for increased strength and reduced noise. Rear window is heated.

The side windows behind the doors swing open. Front and rear wipers and windshield washer are standard (the front wiper is two-speed).

Other standard features include: A roller sun blind, two heated rear view mirrors and eight front and three rear halogen work lights.



The standard dashboard includes tachometer with hour meter, water temperature gauge, air pressure gauge, fuel gauge and number of warning lamps. The multi-function digital display is also standard on all Forterras. It displays engine and PTO speeds, theoretical ground speed, battery voltage and other functions. The functions are selected by push buttons on the sides of the dashboard.

The comfortable seat with arm rests is widely adjustable for operator's weight, in height and back rest angle. Air-ride seat is optional.



Three-Point Hitch and Hydraulic System

Rugged and simple open center hydraulic system with electronic three-point hitch controls is extremely reliable and very easy to service. It has been refined for almost two decades and has become the most advanced hydraulic system we ever built.



Heavy-duty 3-point hitch has lifting capacity of 10,800 lb., more than even the heaviest implements may ever require. Hitch is adjustable to both Category I and II. Standard hitch dampening reduces shocks during transport of raised implements. The cab provides good visibility of 3-point hitch and of the drawbar from the seat. External three-point hitch push button controls on both rear fenders are standard.

Alternatively, lower links and top link with hooks are available.



Telescopic sway bars are standard. Fixed or floating positions of lower links are possible with both Cat.I and Cat.II implements. The sway bars have built-in threaded elements, so any lateral slack of the lower links can be removed, for precision guidance of three-point mounted implements.



Standard telescopic lower link ends facilitate the implement hook up.



These can be coupled and de-coupled from the driver's seat.



Newly designed live hydraulic pump has 19 GPM capacity. The Forterra hydraulic system has been designed to deliver high pressure, to meet demanding applications of the future.

In addition to the main hydraulic pump, unlike many competitors, all Forterra tractors have a separate, dedicated 6 GPM pump for steering.

This makes all the 19 gallons of oil supplied by the main hydraulic pump available for the 3-point hitch, for the front loader or the remotes, all the time (the total flow is 25 GPM).

The main hydraulic pump, its relief valve, the steering pump, and even the transmission pump (controlling the power shift and PTO clutch) are all externally mounted so servicing is a matter of minutes, if it ever becomes necessary.

Optional front and rear weights are available in several packages:

Front weights: 6pcs (660 lbs)
or 10 pcs (1100 lbs)



Rear weights: 6pcs (510 lbs)
or 10 pcs (770 lbs)

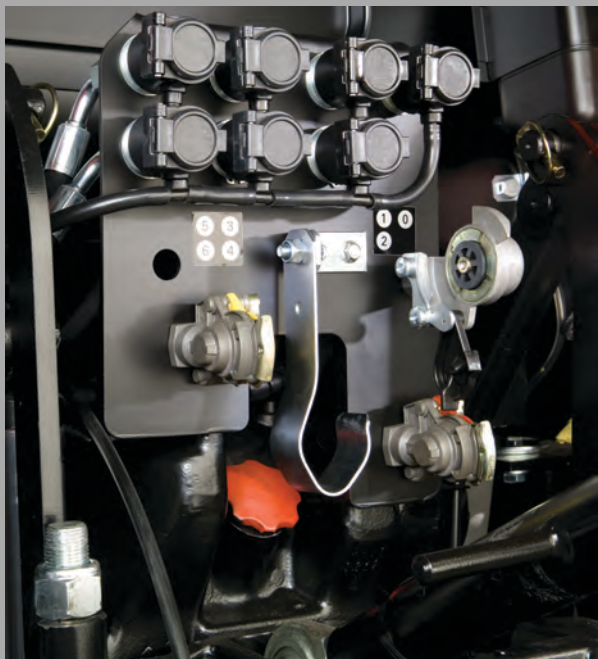


To the right of the seat, at operator's fingertips, are all hydraulic control levers:

- Electronic three-point hitch controls
- Three levers for remote sets

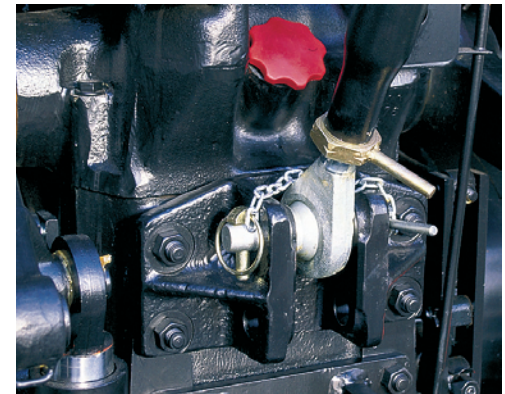
Zetor has been pioneering use of electronic hitch controls for almost 25 years. The latest generation of three-point hitch electronic controls is extremely reliable, maintenance-free, very simple and easy to use, yet rich in features.

Accurate and sensitive draft and mixed controls for plowing and other tillage operations are a traditional Zetor advantage.



The standard three sets of remotes are very versatile and rich in features. All have quick connect (push-pull) couplers. All three remote sets have floating positions. One of the remote sets has detented pressure positions with automatic release. One of the ports is equipped with check valve, which avoids any drift caused by oil leaking back into the tractor. A direct return (zero pressure) coupler is also standard (required by most hydraulic motors).

Multiple top link mounting points allow the operator to customize the implement geometry for easier penetration into the soil.



The heavy duty drawbar is available in two versions with varying height adjustment range, to meet the needs of every farmer and any application.



Service and Maintenance

Easy and inexpensive servicing has been a Zetor tradition. The Forterra series is no exception. The extent of the regular scheduled maintenance has been further minimized. No special tools or equipment are required for the regular maintenance. In fact, the Forterra tractors require hardly any special tools for any kind of servicing, including overhauls. Many users will do the maintenance themselves, saving time and money.



The new hood design provides comfortable access to the engine and all its accessories:
The air conditioning condenser and the transmission oil cooler are accessible through the open hood. Both the condenser and the transmission oil cooler slide sideways for easy cleaning.
Radiator contamination with grass, seeds etc. is greatly reduced by newly designed hood seals.

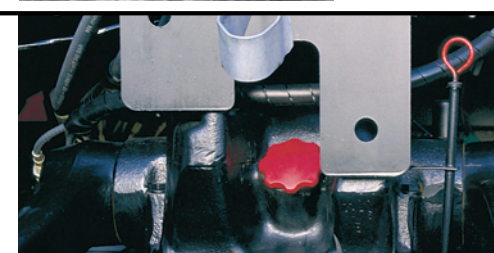
The engine fuel filter, oil filter and oil fill plug and dipstick are centralized at one service-friendly location. Engine oil exchange intervals have been extended to 500 hours.



The hydraulic filters (one suction screen and one glass fiber element) are next to left foot steps, within easy reach. Filter servicing is simple and quick.



The transmission/ hydraulic oil fill neck and dipstick are on the back side of the differential housing, for convenient access.



The battery, the battery disconnect switch and the tire inflator valve are all within easy reach, right next to cab foot steps.



The large capacity fuel tank (48 gallons) offers convenient ground-level fueling.



ZETOR System 260 SLi Front End Loader

The all-new ZETOR System 260SLi loader has been designed exclusively for the new "Seven" series Zetor Forterra tractors. Such custom design makes it possible to offer a number of features not found on any other loaders. These superior loaders come as a complete kit, with all matching hydraulics included. The loader kit includes a heavy duty joystick and a dedicated loader valve, so tractor remotes are not occupied. Both the loader and the bucket are quick-attach, using Zetor's proven latching system.

True mechanical self-leveling is standard.

The loader geometry, in combination with high capacity Zetor hydraulic system, delivers fast lifting times (5 seconds for full lift), without compromising the lifting capacity.

Zetor loaders require minimum or no restriction to the front axle tight turning angle; they even allow the use of front fenders. The front bumper is standard.

Loader boom is made of high strength steel (73,000 psi). The massive reinforced torque tube is made of thick steel, and is welded into the boom through heavy reinforcement plates. Such generous design makes the loader boom extremely resistant against warpage.



By pushing a latch, the stand will release and automatically adjust to the height of the terrain.



Release levers ...



... and drive away

Quick mount and unmount - in seconds and with no tools. Loader stands are adjustable in height for easy and safe parking on uneven ground. When the loader is detached, the mounting frame leaves good access for tractor maintenance. The hydraulic valve stays on tractor for multi-purpose uses.



Optional 3rd-function kit is integrated in the torque tube and operates attachments with their own cylinders by electric button in the joystick.



Drive in... roll the bucket back and bucket snaps in

Buckets and other attachments have proven quick-attach Euro tool carrier, so there is no need to leave the seat. The latch position indicator is clearly visible from the seat. The new sloped hood improves visibility of the bucket from the seat.



All pins run in special three-layer bushings. Bushings are greasable and replaceable.



The heavy-duty joystick control is placed in the best location for the operator's comfort.

Each massive loader subframe is made of one piece of 1-1/4" thick steel and extends over the entire length of the tractor. Such unique design has few bolted joints, for long-term stability with little maintenance.



Optional pressure accumulator with shutoff valve reduces shocks in rough terrain.

Specifications	ZETOR 9742	ZETOR 10742	ZETOR 12742																																																																																																																																																																																																																																						
ENGINE	4-cyl. turbocharged diesel, Water cooled, wet sleeves	4-cyl. turbocharged diesel, Water cooled, wet sleeves	4-cyl. turbocharged diesel, Water cooled, wet sleeves																																																																																																																																																																																																																																						
Engine capacity	254 cu.in	254 cu.in	254 cu.in																																																																																																																																																																																																																																						
Maximum engine gross horsepower	96	107	127																																																																																																																																																																																																																																						
Maximum engine net horsepower	90	101	121																																																																																																																																																																																																																																						
Rated engine speed	2,200 rpm	2,200 rpm	2,200 rpm																																																																																																																																																																																																																																						
PTO horsepower	81	91	108																																																																																																																																																																																																																																						
Alternator capacity	95 Amp	95 Amp	95 Amp																																																																																																																																																																																																																																						
Cold weather starting system	Glow plug in each cylinder	Glow plug in each cylinder	Glow plug in each cylinder																																																																																																																																																																																																																																						
Standard fuel tank capacity	48 gal.	48 gal.	48 gal.																																																																																																																																																																																																																																						
CLUTCH	Dry, 14" dia., cerametallic	Dry, 14" dia., cerametallic	Dry, 14" dia., cerametallic																																																																																																																																																																																																																																						
Clutch control	Hydraulic, self-adjusting	Hydraulic, self-adjusting	Hydraulic, self-adjusting																																																																																																																																																																																																																																						
TRANSMISSION	Fully synchronized with synchro-shuttle	Fully synchronized with synchro-shuttle	Fully synchronized with synchro-shuttle																																																																																																																																																																																																																																						
Forward/reverse gears	24/18	24/18	24/18																																																																																																																																																																																																																																						
TRACTOR SPEEDS (mph) (at 2,200 engine rpm)	FORWARD: <table><tr><th>Speed</th><th>Range</th><th>Main</th><th>Power</th><th>Speed</th></tr><tr><th>No.</th><th>Selector</th><th>Gear Shift</th><th>Shift</th><th>(mph)</th></tr><tr><td>1</td><td>Low</td><td>1</td><td>1</td><td>1,16</td></tr><tr><td>2</td><td>Low</td><td>1</td><td>2</td><td>1,34</td></tr><tr><td>3</td><td>Low</td><td>1</td><td>3</td><td>1,55</td></tr><tr><td>4</td><td>Low</td><td>2</td><td>1</td><td>1,79</td></tr><tr><td>5</td><td>Low</td><td>2</td><td>2</td><td>2,08</td></tr><tr><td>6</td><td>Low</td><td>2</td><td>3</td><td>2,40</td></tr><tr><td>7</td><td>Low</td><td>3</td><td>1</td><td>2,72</td></tr><tr><td>8</td><td>Low</td><td>3</td><td>2</td><td>3,14</td></tr><tr><td>9</td><td>Low</td><td>3</td><td>3</td><td>3,64</td></tr><tr><td>10</td><td>Low</td><td>4</td><td>1</td><td>3,89</td></tr><tr><td>11</td><td>Low</td><td>4</td><td>2</td><td>4,50</td></tr><tr><td>12</td><td>High</td><td>1</td><td>1</td><td>4,80</td></tr><tr><td>13</td><td>Low</td><td>4</td><td>3</td><td>5,21</td></tr><tr><td>14</td><td>High</td><td>1</td><td>2</td><td>5,56</td></tr><tr><td>15</td><td>High</td><td>1</td><td>3</td><td>6,41</td></tr><tr><td>16</td><td>High</td><td>2</td><td>1</td><td>7,43</td></tr><tr><td>17</td><td>High</td><td>2</td><td>2</td><td>8,57</td></tr><tr><td>18</td><td>High</td><td>2</td><td>3</td><td>9,93</td></tr><tr><td>19</td><td>High</td><td>3</td><td>1</td><td>11,23</td></tr><tr><td>20</td><td>High</td><td>3</td><td>2</td><td>12,99</td></tr><tr><td>21</td><td>High</td><td>3</td><td>3</td><td>15,03</td></tr><tr><td>22</td><td>High</td><td>4</td><td>1</td><td>16,05</td></tr><tr><td>23</td><td>High</td><td>4</td><td>2</td><td>18,61</td></tr><tr><td>24</td><td>High</td><td>4</td><td>3</td><td>21,50</td></tr></table> REVERSE: <table><tr><th>Speed</th><th>Range</th><th>Main</th><th>Power</th><th>Speed</th></tr><tr><th>No.</th><th>Selector</th><th>Gear Shift</th><th>Shift</th><th>(mph)</th></tr><tr><td>1R</td><td>Low</td><td>1</td><td>1</td><td>1,35</td></tr><tr><td>2R</td><td>Low</td><td>1</td><td>2</td><td>1,56</td></tr><tr><td>3R</td><td>Low</td><td>1</td><td>3</td><td>1,80</td></tr><tr><td>4R</td><td>Low</td><td>2</td><td>1</td><td>2,08</td></tr><tr><td>5R</td><td>Low</td><td>2</td><td>2</td><td>2,40</td></tr><tr><td>6R</td><td>Low</td><td>2</td><td>3</td><td>2,78</td></tr><tr><td>7R</td><td>Low</td><td>3</td><td>1</td><td>3,15</td></tr><tr><td>8R</td><td>Low</td><td>3</td><td>2</td><td>3,64</td></tr><tr><td>9R</td><td>Low</td><td>3</td><td>3</td><td>4,21</td></tr><tr><td>10R</td><td>High</td><td>1</td><td>1</td><td>5,56</td></tr><tr><td>11R</td><td>High</td><td>1</td><td>2</td><td>6,42</td></tr><tr><td>12R</td><td>High</td><td>1</td><td>3</td><td>7,44</td></tr><tr><td>13R</td><td>High</td><td>2</td><td>1</td><td>8,57</td></tr><tr><td>14R</td><td>High</td><td>2</td><td>2</td><td>9,94</td></tr><tr><td>15R</td><td>High</td><td>2</td><td>3</td><td>11,47</td></tr><tr><td>16R</td><td>High</td><td>3</td><td>1</td><td>13,00</td></tr><tr><td>17R</td><td>High</td><td>3</td><td>2</td><td>15,05</td></tr><tr><td>18R</td><td>High</td><td>3</td><td>3</td><td>17,37</td></tr></table> Speeds shown are with rear tires 18.4R-38. Add 6% for tires 520/70R-38.			Speed	Range	Main	Power	Speed	No.	Selector	Gear Shift	Shift	(mph)	1	Low	1	1	1,16	2	Low	1	2	1,34	3	Low	1	3	1,55	4	Low	2	1	1,79	5	Low	2	2	2,08	6	Low	2	3	2,40	7	Low	3	1	2,72	8	Low	3	2	3,14	9	Low	3	3	3,64	10	Low	4	1	3,89	11	Low	4	2	4,50	12	High	1	1	4,80	13	Low	4	3	5,21	14	High	1	2	5,56	15	High	1	3	6,41	16	High	2	1	7,43	17	High	2	2	8,57	18	High	2	3	9,93	19	High	3	1	11,23	20	High	3	2	12,99	21	High	3	3	15,03	22	High	4	1	16,05	23	High	4	2	18,61	24	High	4	3	21,50	Speed	Range	Main	Power	Speed	No.	Selector	Gear Shift	Shift	(mph)	1R	Low	1	1	1,35	2R	Low	1	2	1,56	3R	Low	1	3	1,80	4R	Low	2	1	2,08	5R	Low	2	2	2,40	6R	Low	2	3	2,78	7R	Low	3	1	3,15	8R	Low	3	2	3,64	9R	Low	3	3	4,21	10R	High	1	1	5,56	11R	High	1	2	6,42	12R	High	1	3	7,44	13R	High	2	1	8,57	14R	High	2	2	9,94	15R	High	2	3	11,47	16R	High	3	1	13,00	17R	High	3	2	15,05	18R	High	3	3	17,37
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3	Low	1	3	1,55																																																																																																																																																																																																																																					
4	Low	2	1	1,79																																																																																																																																																																																																																																					
5	Low	2	2	2,08																																																																																																																																																																																																																																					
6	Low	2	3	2,40																																																																																																																																																																																																																																					
7	Low	3	1	2,72																																																																																																																																																																																																																																					
8	Low	3	2	3,14																																																																																																																																																																																																																																					
9	Low	3	3	3,64																																																																																																																																																																																																																																					
10	Low	4	1	3,89																																																																																																																																																																																																																																					
11	Low	4	2	4,50																																																																																																																																																																																																																																					
12	High	1	1	4,80																																																																																																																																																																																																																																					
13	Low	4	3	5,21																																																																																																																																																																																																																																					
14	High	1	2	5,56																																																																																																																																																																																																																																					
15	High	1	3	6,41																																																																																																																																																																																																																																					
16	High	2	1	7,43																																																																																																																																																																																																																																					
17	High	2	2	8,57																																																																																																																																																																																																																																					
18	High	2	3	9,93																																																																																																																																																																																																																																					
19	High	3	1	11,23																																																																																																																																																																																																																																					
20	High	3	2	12,99																																																																																																																																																																																																																																					
21	High	3	3	15,03																																																																																																																																																																																																																																					
22	High	4	1	16,05																																																																																																																																																																																																																																					
23	High	4	2	18,61																																																																																																																																																																																																																																					
24	High	4	3	21,50																																																																																																																																																																																																																																					
Speed	Range	Main	Power	Speed																																																																																																																																																																																																																																					
No.	Selector	Gear Shift	Shift	(mph)																																																																																																																																																																																																																																					
1R	Low	1	1	1,35																																																																																																																																																																																																																																					
2R	Low	1	2	1,56																																																																																																																																																																																																																																					
3R	Low	1	3	1,80																																																																																																																																																																																																																																					
4R	Low	2	1	2,08																																																																																																																																																																																																																																					
5R	Low	2	2	2,40																																																																																																																																																																																																																																					
6R	Low	2	3	2,78																																																																																																																																																																																																																																					
7R	Low	3	1	3,15																																																																																																																																																																																																																																					
8R	Low	3	2	3,64																																																																																																																																																																																																																																					
9R	Low	3	3	4,21																																																																																																																																																																																																																																					
10R	High	1	1	5,56																																																																																																																																																																																																																																					
11R	High	1	2	6,42																																																																																																																																																																																																																																					
12R	High	1	3	7,44																																																																																																																																																																																																																																					
13R	High	2	1	8,57																																																																																																																																																																																																																																					
14R	High	2	2	9,94																																																																																																																																																																																																																																					
15R	High	2	3	11,47																																																																																																																																																																																																																																					
16R	High	3	1	13,00																																																																																																																																																																																																																																					
17R	High	3	2	15,05																																																																																																																																																																																																																																					
18R	High	3	3	17,37																																																																																																																																																																																																																																					
P.T.O. SHAFT Ground Speed P.T.O.	Independent, 540/1000 rpm Standard	Independent, 540/1000 rpm Standard	Independent, 540/1000 rpm Standard																																																																																																																																																																																																																																						
BRAKES	Wet disc brake	Wet disc brake	Wet disc brake																																																																																																																																																																																																																																						
Service brake control	Hydraulic	Hydraulic	Hydraulic																																																																																																																																																																																																																																						
Parking brake control	Mechanical	Mechanical	Mechanical																																																																																																																																																																																																																																						

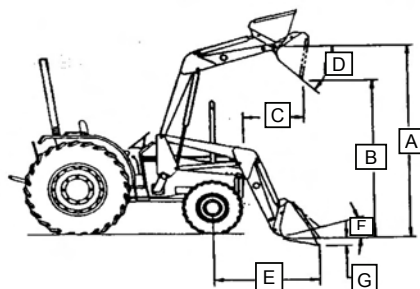
Specifications

	ZETOR 9742	ZETOR 10742	ZETOR 12742
HYDRAULIC SYSTEM	Open center; Electronic control	Open center; Electronic control	Open center; Electronic control
Flow @ pressure at remotes	19 gpm @ 2,700 psi	19 gpm @ 2,700 psi	19 gpm @ 2,700 psi
Total hydraulic flow	27 gpm	27 gpm	27 gpm
Three point hitch	Category II	Category II	Category II
Function	Position, draft, mixed	Position, draft, mixed	Position, draft, mixed
Lifting force @ end of lower links	10,800 lbs.	10,800 lbs.	10,800 lbs.
Lifting force @ 24" frame	9,300 lbs.	9,300 lbs.	9,300 lbs.
Standard remote outlets	3 sets	3 sets	3 sets
STANDARD TIRES: Front/ Rear	14.9R-24/ 18.4R-38	14.9R-24/ 18.4R-38	14.9R-24/ 520/70R-38
MAIN DIMENSIONS			
Length	170 in.	170 in.	170 in.
Width (cab foot steps)	87 in.	87 in.	87 in.
Height to top of cab	109 in.	109 in.	109 in.
Ground clearance without hitch	19 in.	19 in.	19 in.
WHEEL Front	67.5-80 in.	67.5-80 in.	67.5-80 in.
TRACK: Rear	62-71 in.	62-71 in.	62-71 in.
Turning radius (w/o brakes)	12.3 ft.	12.3 ft.	12.3 ft.
WEIGHT, w/o weights	9,480 lbs.	9,500 lbs.	9,820 lbs.

STANDARD EQUIPMENT: Power rear differential lock and front wheel drive engagement; Limited slip front differential; Ground speed PTO; Telescopic sway bars with fine adjustment; Telescopic lower links or lower links with hooks; Deluxe seat with multiple adjustment, and arm rests; Tilt and telescoping steering wheel; Tinted windows; Front and rear wipers; Windshield washer; Heated rear window; Heated rear view mirrors; Roller sun blind; Multi-function digital display dashboard; Front fenders; Three sets of remote outlets (one set with detented pressure positions, built-in check valve and automatic pressure release); Air conditioning; Eight front and three rear halogen lights; Speakers and antenna for radio installation (radio not included)

OPTIONS: Block heater; Front and rear weights; Front PTO and front 3point hitch with quick-detach lower links, compatible with Zetor 260SLi front loader; Air-ride seat; Instructional seat; Roof beacon (quick plug-in on flexible mount)

ZETOR system 260SLi Front End Loader



Note: The loader hydraulic system is connected directly to tractor pump and does not require remote hydraulic outlets.

A	Maximum Lift Height (in.)	155
B	Clearance with Bucket Dumped (in.)	120 *)
	Reach at Maximum Height (in.)	26 *)
	Maximum Dump Angle (deg)	70
E	Reach on Ground (in.)	101
F	Bucket Rollback Angle (deg)	42
G	Digging Depth (in.)	3
	Lift Capacity to Full Height (lb.):	
	- at pivot points	4 070
	- 31.5" ahead of pivot	2 750
	Breakout Force (lb.):	
	- at pivot points	5 830
	- 31.5" ahead of pivot	3 800
	Raising Time w/19 gpm Pump (sec)	5
	Weight with 83" Bucket (lb.)	3 050

*)Bucket at 45 deg. angle

Specifications measured on model 10742 with tires 14.9R-24 and 18.4R-38.

Standard Bucket Size: 83 in. Optional Bucket Sizes: 73 in., 94 in., 94 in. high capacity
Standard features: Quick-attach loader boom; Quick-attach buckets; Mechanical self-leveling; Power-beyond hydraulic valve, cable-controlled by heavy duty joystick; Full length mounting frames, welded in one piece on each side; Replaceable bushings at all pivot points
Options: Shock absorber with shutoff valve; Third hydraulic function

Other available attachments:



Manure Forks (59 in. wide, 27 in. long tines)



Bale lift (3 spear) with easy penetrating top spear (44 in.)



Pallet forks (43.5" long) with heavy duty forged forks

Construction buckets with digging teeth in 53 in. and 62 in. width are available on special order.
Other tools (not listed here) are available on special order. All tools are identical and interchangeable with tools used on all other Zetor system loaders.
Sets of blank plates are available to make non-Zetor attachments compatible with Zetor "Euro" quick-attach system.

Specifications subject to change without notice and without incurring obligation on behalf of Zetor.

About Zetor

Founded in 1946, Zetor has grown into one of the best known tractor manufacturers in Europe. More than a million Zetor tractors are in use in almost 100 countries around the world. The quality of Zetor tractors is assured by designing and manufacturing of most components by Zetor at the main plant in Brno, Czech Republic, a country with 100-year tradition of advanced engineering.

Zetor strategy has always been based on practical innovation and gradual introduction of new features, only after they have proven themselves. Zetor customers are demanding and value conscious professionals who want well-built tractors at affordable prices, backed by quality services. A thorough comparison of competitive brands cost-feature relation shows that Zetor is a leader in providing value for the money.



Zetor Parts and Warranty



To ensure the full productivity of your investment, all Zetor tractors are supported by a full line of parts, constantly in stock in the main parts warehouse in Harrisburg, Pennsylvania. This applies not only to current models, but to any Zetor model ever sold in U.S., even those sold 30 or more years ago. Zetor parts system means that our customers will always get original, genuine parts at reasonable prices.

Every business day, replacement parts are shipped within 6 hours after an order has been placed. Standard delivery is 1 to 4 business days (depending on destination) at low ground rates (coast-to-coast). And every Zetor Forterra is now covered by five year warranty, with no deductibles.

See one of the growing family of Zetor dealers and find out how affordable Zetor tractors are. You will be able to enjoy the Forterra advanced features, and still save thousands of dollars.

Zetor North America, Inc.
1400 Hagy Way, Harrisburg, PA 17110
www.zetorna.com

877-GO ZETOR (877-469 3867)

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