

ZETOR MAJOR

MAJOR CL



Tractor is Zetor. Since 1946.

Zetor

ZETOR MAJOR

LITTLE HELPER FOR BIG CHALLENGES

A universal farm tractor, intended for working with agricultural implements and for use in municipal services. It has been designed to honour the basic pillars of the ZETOR brand.

With its power category under 80 HP, ZETOR MAJOR builds on one of the most successful models in ZETOR's history. This reliable, efficient and easy-to-maintain model has already acquired the reputation of a tractor that has been working for a lifetime. These qualities are appreciated mainly by owners of family and smaller farms.

Tear-off quick couplers /
new distributor with float
positions

Mechanical control of
external hydraulic circuits
and rear three-point hitch

Modern four-cylinder
DEUTZ engine meets
Stage V emission standards

PERFORMANCE

MAJOR tractors are designed for the best combination of the engine performance and the tractor weight, meaning the tractor's potential can be fully used.

ENDURANCE

The design of the MAJOR series is simple, smart and purposeful. Therefore it is maximally reliable and easy to maintain.

TOTAL COST OF OWNERSHIP

MAJOR tractors are easy to service thanks to their simple construction. Their fuel consumption is reasonable even under high load. From the long-term perspective, you will appreciate affordable priced spare parts.

Electro-hydraulic
connection of 4WD



DESIGN

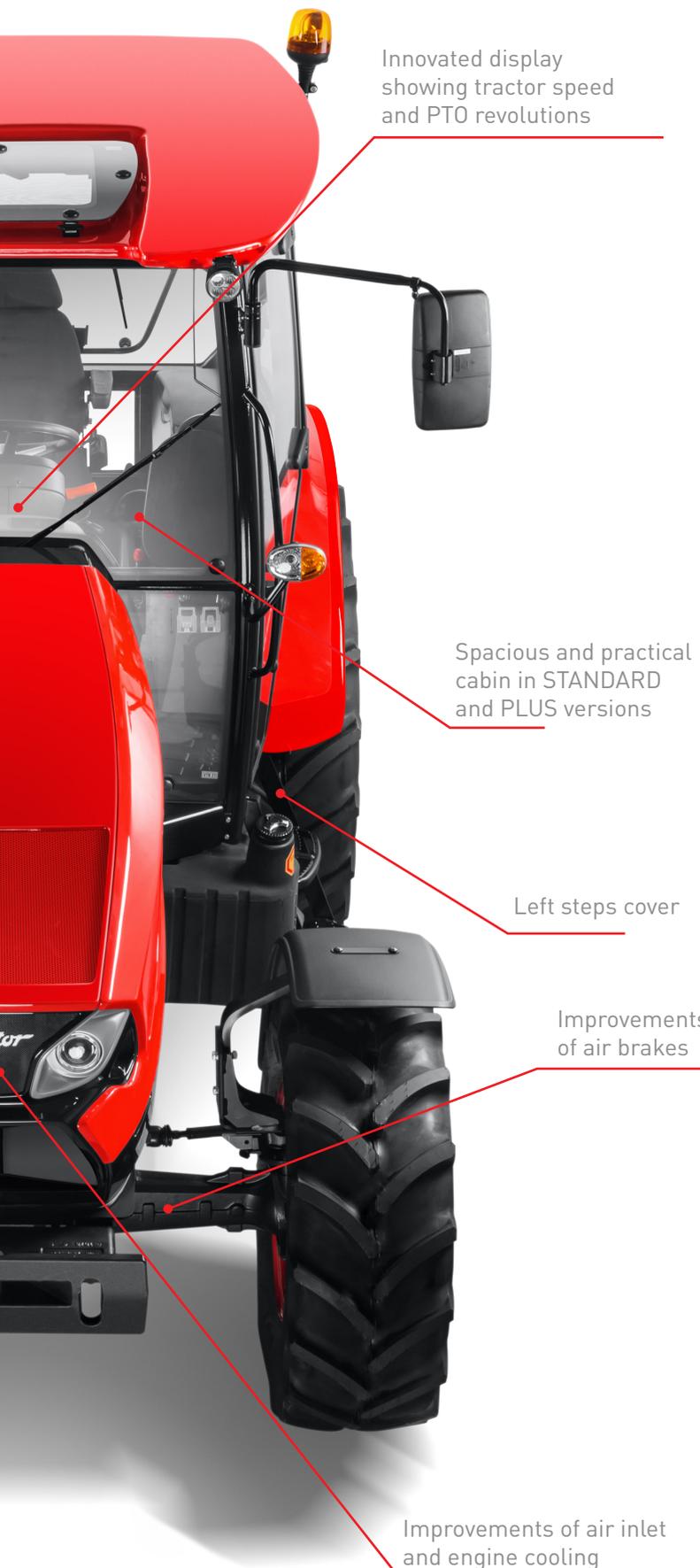
NEW ATTRACTIVE DESIGN

In 2015, ZETOR stunned the entire agricultural world by introducing the vision of future tractor design created in cooperation with the Italian studio Pininfarina. Elegance, passion and emotions perfectly combined with power, performance and resilience of farm machines.

The vision became reality in 2018, when ZETOR MAJOR tractors with a new, fresh design started to roll off the assembly lines.

The resulting product has a high aesthetic value and proudly represents the new, iconic vision of the ZETOR brand. The negative bonnet incline, dominant shape of the front panel, location and shape of headlights, and shifting the ZETOR logo to the front panel centre form a unique, vivid impression. The new shape of the roof is also practical, offering a better view from the machine's cab. We must not forget the machine's rear lights, which are elegantly fitted in the mudguards, creating a graceful and coherent curve.

The new design uniquely combines the robustness of a farm machine with its practicability and attractive, emotionally tuned design.



ZETOR MAJOR CL

A simple, time-tested compact tractor from the lower HP category which is designed to meet your everyday needs, whether in livestock or municipal duties. The tractor has a mechanical four-speed gearbox with three ranges (12 forward and 12 reverse speeds in total). MAJOR series is designed for customers who require a reliable and understandable machine.

ENGINE

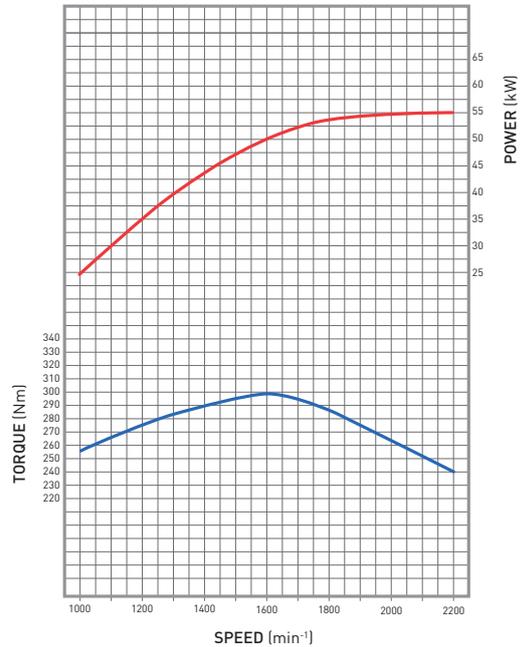
FOUR CYLINDERS UNDER THE BONNET

The MAJOR tractors are equipped with a four-cylinder DEUTZ engine. The engine has an optimum specific power and torque. The high-pressure CommonRail injection ensures lower fuel consumption, minimal production of harmful emissions and a quiet engine. The engine features easy starting ability even at very low temperatures and in extreme conditions. Stage V emission standard is reached by using exhaust gas recirculation (EGR), diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) with no need to use urea.



ENGINE OUTPUT CHARACTERISTIC

TCD 2.9 L4 ENGINE



- Stage V emission standard is reached by using exhaust gas recirculation (EGR), diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) with no need to use urea
- Proven 4-cylinder in-line engine
- Power 55 kW / 75 HP
- Displacement 2.9 liter
- High pressure Common Rail system
- Turbocharger with intercooler

- Air compressor as standar equipment – a benefit for mounting trailer air brakes, inflating tyres and maintenance
- Electronic regulation for smooth engine operation
- Very good torque reserve (engine retains performance without frequent gear changing)
- Wide range of constant power (stable performance of tractor during varied load)
- Full power is always available (the tractors do not use Powerboost technology)

CAB

SPACIOUS AND PRACTICAL

The cab is designed with regard to practical use. Plenty of space and ergonomically designed controls facilitate the work of the tractor operator. Doors of the six-pillar cabin frame open in a wide angle making entry comfortable without limitations. Narrow pillars allow very good panoramic view around the cabin and of the front loader. Customers can choose from two cabin options: STANDARD and PLUS.

STANDARD CABIN

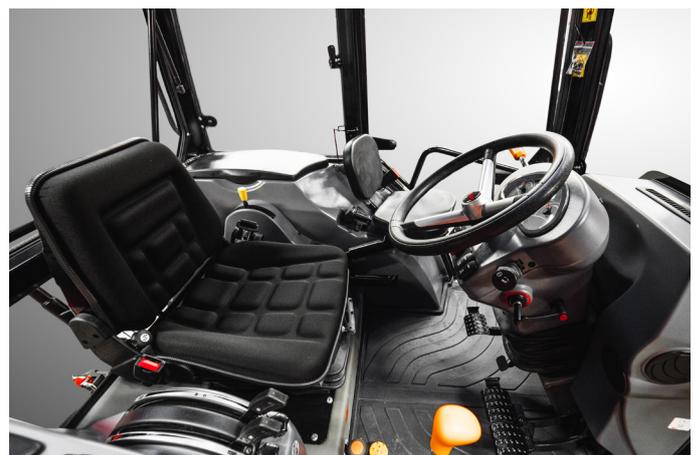
STANDARD cabin offers a version with a hard roof and a version with FOPS (Falling-Objects Protective Structures) and a sunroof. To increase overall comfort, as an option, the cabin can be equipped with air-conditioning and mechanical suspended seat.

PLUS CABIN

PLUS cabin has standard air-conditioning and just like STANDARD cab it offers a hard roof or FOPS and a sunroof. Seat with mechanical suspension can be made more comfortable using pneumatic suspension as an option. Passenger seat is optional, too.

PLUS CABIN OFFERS ADDITIONAL EQUIPMENT

- New tiltable and height-adjusted steering column
- Practical layout of controls (rear three-point hitch control, PTO mode, external hydraulic sections control, new lamp switches, multifunctional controller under the wheel – turn indicators, horn, wipers and windshield washer, air flow control – located on the right side next to steering column)
- Switches identical to higher model ranges
- One key to start the engine and lock the door
- Further innovations of working with equipment (universal slots to mount equipment displays, holes for equipment cables or three-pin socket for equipment power supply)
- Further innovations of working with front loader (set-up for joystick control and addition of roof low-beam lamps, setup for working lamps for work with front loader)
- Non-slip foot pedal pads
- Improved system of differential lock control
- New, less transparent windshield and roof hatch shades to optimise working condition



HYDRAULICS

SIMPLICITY IS STRENGTH

The MAJOR model series offers mechanically regulated hydraulic system. The internal hydraulic circuit controls rear three-point hitch lifting. It is characterized by sufficient lifting force, continuous lowering sensitivity and speed control, including a function for transporting implements.

The external hydraulic circuit supplies pressure oil to implements. The tractor is equipped with a one-part or two-part additional distributor with a return section.

- Mechanical hydraulics with position and force regulation
- Maximum lifting capacity 18 kN
- Smooth starting control
- The tractor is equipped with a one-part or two-part additional distributor with a return section
- Mechanical control - high durability and long life
- Function for implement transport included
- Simple and easy maintenance



GEARBOX

SHIFTING SMOOTHLY TOWARDS HIGHER PRODUCTIVITY

MAJOR CL tractors are equipped with a Synchro Shuttle, a four-speed, fully synchronized gearbox and a three-speed reducer. The number of speeds is 12 forward and 12 reverse.

- Four-speed gearbox with 3 ranges and reverser
- 12/12 speeds
- Mechanical reverser (SynchroShuttle)
- Maximum speed 30 km/h
- PTO speeds of 540/1,000
- Ground speed or independent PTO
- Simple servicing
- Operator presence detection (automatically turns off PTO when operator leaves the seat; PTO can operate without the operator's presence in cabin after switching on the PTO button)



FRONT LOADERS

ZETOR
SYSTEM

LOADERS THAT FIT PERFECTLY ON YOUR ZETOR

The ZETOR SYSTEM offers front loaders designed specifically for ZETOR tractors. MAJOR tractors can be equipped with ZL series loaders. ZL loaders have high working capacity, combined with leading safety and work environment benefits.

The ZL loader is packed with features that enhance its reliability. One perfect example of this is the cross bar positioned across the back of the tool carrier to prevent any damage to the implement locking mechanism – saving time and money!

No tools are needed to disconnect from your ZL loader. The solid, smooth and integrated support legs further simplify connection and disconnection.



MODEL	UNITS	ZL26	ZL36
Lift height at pivot pin	m	3.1	3.4
Lift height under work attachment	m	2.9	3.2
Max. Rollback angle	•	42	44
Max. Dump angle	•	50	50
Lift force at 800 mm from the pivot pin (at max. lift height)	kg	1,220	1,520
Lift force at 800 mm from the pivot pin (at a height of 1.5 m)	kg	1,400	1,560
Maximum rollback force (800 mm from the pivot pin)	kg	1,500	1,890
Front loader weight	kg	360	390

OPTIONAL EQUIPMENT

— MULTICOUPLING

Multicoupling is another function that makes putting the loader on and taking it off so much easier. Multicoupling means you no longer need to connect individual hydraulic circuits and electric connectors separately, you can conveniently plug in everything together at the same time.

— 3RD SERVICE

When the front loader is configured to have a 3rd hydraulic service, you can use active front attachments, or equip the tractor with the hydraulic implement fixture.

— SELECTO-FIX

Selecto-fix is an useful assistant that you'll quickly learn to appreciate if you frequently need to attach different hydraulic implements under pressure. As with multicoupling, it helps when you're connecting and disconnecting hydraulic circuits, but this time between the boom and the front attachment.

— SOFT-DRIVE

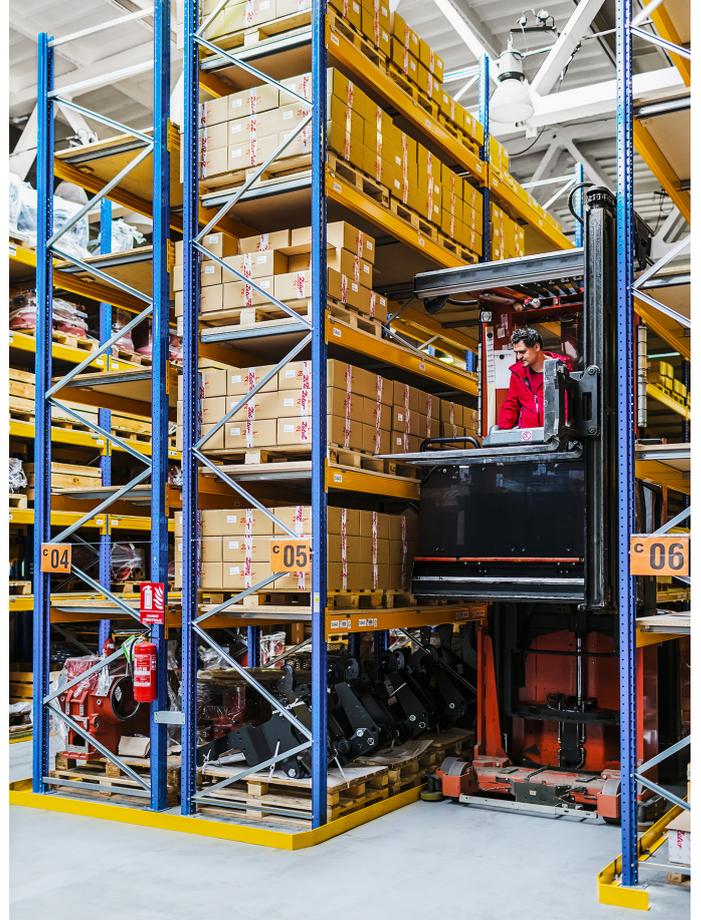
Soft-Drive load reducing suspension function minimises strain on the loader and subframe, as well as on the driver and tractor. You activate the SoftDrive with a manual stopcock.

ZETOR ORIGINAL SPARE PARTS

ZETOR TRACTORS a.s. secures the world-wide sale of original ZETOR spare parts for the warranty and post-warranty service of ZETOR tractors through its distribution network. The quality of spare parts is continually checked during production and is identical to the quality of the parts used in the assembly of new products.

The original parts include all improvements and innovations ensuring the full restoration of the operational and utility characteristics of the repaired machine. The authenticity of the supplied spare parts is secured by packing in original packing with a unique identification number.

- ZETOR spare parts attain high quality for reasonable prices.
- In order to maintain the high lifetime of the tractor, we recommend using only original ZETOR spare parts.



ZETOR original spare parts are available only through ZETOR authorised dealers. For more information, visit www.zetor.com/sales-and-service-network

ZETOR ORIGINAL OILS

For ZETOR tractors we recommend original oils, which are identical to the oils the tractors are filled with from the factory.

ZETOR Oils may be purchased through our sales and service network.

- Engine oils
- Transmission oils
- Front axle oil
- Hydraulic oil

Extend the lifetime of your tractor by using ZETOR original oils.



DEVELOPED AND MANUFACTURATED IN THE HEART OF EUROPE

MORE THAN ONE MILLION CUSTOMERS CANNOT BE WRONG

PRODUCTION

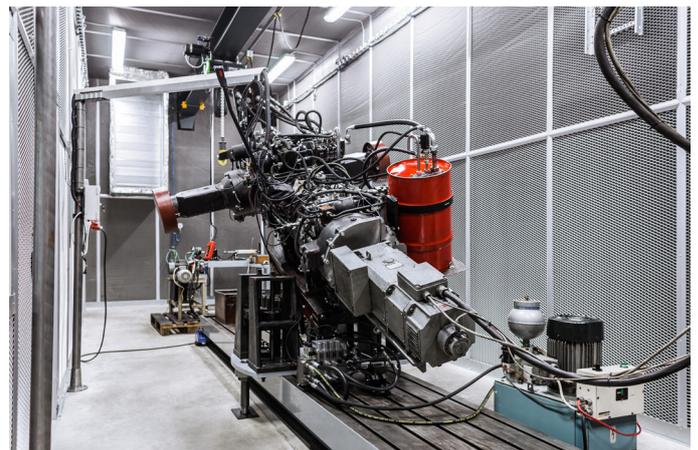
The manufacturing base of ZETOR tractors, engines and transmission is concentrated in the Czech Republic. The background of our own development and manufacturing centre contributes to the ultimate quality of the offered products and enables the effective management of innovation development and application. ZETOR TRACTORS a.s. is a corporately responsible company that emphasises the quality of its products, ecology and protection of the environment. These principles are guaranteed by the ISO 9001 quality certificate, which the company has acquired.



Since the beginning of the production of ZETOR brand tractors in 1946, more than 1.3 million units have been made, with the majority of these units being exported to over 130 countries around the world.

DEVELOPMENT

The technical section forms the long-term and stable research, development and testing background of ZETOR TRACTORS a.s. It represents the high professional level of the research staff team, which uses their extensive knowledge base and experience in the field, supported by cutting-edge technologies. It secures the comprehensive and systematic research and development of the manufacturing programme – from concept, design, assembly, and the production of functional samples and prototypes all the way to lab tests and operation tests of the tractors and engines.



ZETOR MAJOR CL

MODEL	UNITS	MAJOR CL 80
MOTOR		
Type	•	Deutz TCD 2.9 L4
Emission level	•	Stage V
Engine design	•	Diesel, direct fuel injection, CommonRail, turbocharged, DOC filter, DPF
Rated power (ECE R120)	kW	55.4
	HP	75.3
Rated speed	rpm	2,200
Max. power (ECE R120)	kW	55.4
	HP	75.3
Rated speed	rpm	2,000
No. of Cylinders / Valves	•	4 / 8
Aspiration	•	Turbocharged
Displacement	cm ³	2,925
Bore / Stroke	mm	92 / 110
Max. Torque	Nm	300.0
Torque rise	%	25
TRANSMISSION		
Type	•	4 mechanical gears with 3 ranges
Shifting	•	Fully Synchronized
Number of gears (F/R)	•	12/12
Reverser	•	Mechanical (SynchroShuttle)
Max. speed	km/h	30
PTO		
Type	•	Independent / ground speed
Rear PTO Revolutions	rpm	540/1,000
Control	•	Mechanical
End piece ^{OPT}	•	6 grooves CW or 6 grooves CCV
Front PTO Revolutions ^{OPT}	rpm	1,000
Max. power of front PTO ^{OPT}	kW	35
HYDRAULICS		
Type	•	Mechanical with regulation
Gear pump capacity	l/min	50
Hydraulics control	•	Mechanical
Rear hydraulic remotes (Quickcouplers)	•	1+1 / 2+1 ^{OPT}

MODEL	UNITS	MAJOR CL 80
THREE-POINT HITCH		
Type	•	Category II
Max. Lift Capacity	kN	18
Max. Lifting Capacity of front TPH ^{OPT}	kN	13
CAB		
Roof	•	Standard / Protective roof FOPS + sunroof ^{OPT}
Driver's Seat	•	Mechanically suspended STANDARD seat with safety belt / Pneumatic suspension OPT
Heating	•	Standard
Air-Conditioning	•	OPT
Pre-Wiring for Radio	•	Standard
Radio	•	OPT
Steering Wheel	•	Fixed / Tilttable, height adjustable ^{OPT}
Beacon	•	OPT
UNDERCARRIAGE		
Drive System	•	4WD
Steering	•	Hydrostatic
Operating brakes	•	Mechanical with connecting the front axle
Trailer brakes ^{OPT}	•	Pneumatic 2+1 hoses or hydraulic & pneumatic 2+0 hoses
Fuel tank	l	80
Front Mudguards	•	Fixed
OTHER SPECIFICATION		
Operating Weight *	kg	2,960 - 3645
Max. Technically permissible weight	kg	4,300
Max. Front Ballast	kg	300
Max. Rear Wheel Ballast	kg	240
Length max.** - min.	mm	4511 - 3505
Width max.*** - min.	mm	2241 - 1941
Height max. - min.	mm	2586 - 2560
Wheelbase	mm	2,210
WHEELS		
Front and Rear Wheels combination	•	welded: 11,2-24 / 16,9-30 (fixed mudguards) adjustable : 280/85 (11,2) R24 x 420/85 (16,9) R30 (without mudguards) welded: 280/85 (11,2) R24 x 420/85 (16,9) R30 (without mudguards) adjustable : 280/85 (11,2) R24 x 420/85 (16,9) R30 (fixed mudguards) welded: 360/70 R20 x 420/70 R30 (without mudguards) welded: 360/70 R20 x 420/70 R30 (fixed mudguards)

^{OPT} Optional equipment * Without front and rear ballast ** Max. length with 3PH and front ballast *** Max. width without mirrors

Zetor

My family.
My work.
My Zetor.



FOLLOW US

-  facebook.com/zetor
-  twitter.com/zetortractors
-  instagram.com/zetortractors
-  youtube.com/traktoryzetor

www.zetor.com
zetor@zetor.com

DEALER:

THE PICTURES AND PHOTOGRAPHS USED ARE MERELY FOR ILLUSTRATION PURPOSES, AS THE PRODUCTS DEPICTED IN THIS CATALOGUE MAY SHOW ITEMS OF EQUIPMENT THAT ARE NOT AVAILABLE IN STANDARD MODELS AND MAY BE AVAILABLE AS OPTIONAL EXTRAS. ZETOR TRACTORS a.s. RESERVES THE RIGHT TO CHANGE THE DATA AND INFORMATION PUBLISHED IN THIS CATALOGUE WITHOUT PREVIOUS NOTIFICATION. ZETOR TRACTORS a.s. IS NOT LIABLE FOR ISSUES ARISING FROM ANY POTENTIALLY FAULTY INFORMATION PUBLISHED IN THIS CATALOGUE. THIS CATALOGUE WAS LAST REVIEWED ON: 05/2021