

PRODUCT PORTFOLIO





Tractor is Zetor. Since 1946.



FROM THE VERY BEGINNING, THE ZETOR BRAND HAS BEEN **RECOGNIZED FOR:**

PERFORMANCE

ZETOR tractors have always been designed for the best possible combination of engine power and tractor weight, to maximize the performance and fuel economy.

ENDURANCE

ZETOR emphasizes simple, smart and useful design. This is the key to outstanding reliability and simple maintenance.

TOTAL COST OF OWNERSHIP

ZETOR tractors rank among the best in fuel consumption. In the long run, everyone will appreciate reliable availability of reasonably priced spare parts. All that will reduce the operational costs.

PRODUCT PORTFOLIO













ZETOR **CRYSTAL HD**



ZETOR ZETOR ZETOR ZETOR FORTERRAHD

120-140 HP

130-150 HP

100-110 HP **100–110** HP

ZETOR PROXIMA CL ZETOR PROXIMA GP ZETOR **PROXIMA HS**

100-120 HP

80 HP

ZETOR **MAJOR CL**

18–24 HP

ZETOR COMPAX CL



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COMPAX

COMPAX tractors are universal, reliable, and compact machines. Thanks to easy handling and sufficient power, the new tractors are perfect for the maintenance of villages, company premises, sports grounds, light agricultural works as well as gardening. Quality construction and low operating costs make these machines the right choice.

ENGINE

The new tractors are powered by Mitsubishi-designed engines offering 18 to 25 HP. These reliable water-cooled engines have enough power for your everyday tasks and at the same time boasts of low fuel consumption. While the **COMPAX 20** is equipped with a 3-cylinder engine, the **COMPAX 26** and **26 PLUS** models have a durable 4-cylinder engine under the bonnet. All the new models comply with the Stage V emission standards.

TRANSMISSION

There are two different types of gearboxes. **COMPAX CL 20** and **COMPAX CL 26** are equipped with a manual transmission offering 6/2 speeds and 540 & 900 rear PTO revolutions. Model **COMPAX CL 26 PLUS** has an 8/2 manual transmission with 540 & 720 rear PTO revolutions.

HYDRAULICS

The maximum lifting capacity of the rear three-point hitch can reach up to 7,5 kN depending on the model allowing you to work with a wide range of implements.

OTHERS

All models are produced in the open version. On request, the tractor can be equipped with a protective cab with FOPS and ROPS. The ergonomic layout of the controls makes working with the tractor easier and simpler and contributes to driver comfort. The power steering and 4WD allow the tractors to perform a wide range of work tasks. The COMPAX series is available with front loader versions.

MODEL	UNITS	COMPAX CL 20
		ENGIN
Type / Emission standard	•	
(0100 (510/ 100)	kW	13,6
Max. power (R120 / EHK 120)	HP	18,5
Rated speed	rpm	
No.of Cylinders/Valves	•	3/6
Aspiration	•	
Engine filling / Cooling system	•	
Displacement	cm ³	900
Fule tank	l	
		TRANSMIS
Shifting	•	
No. of Gears (F/R)	•	6/2
Max. Speed	km/h	18
		PTO
Туре	•	
Rear PTO revolutions	rpm	
Rear PTO shaft grooves	•	
		HYDRAU
Туре	•	Gear pump
Gear Pump Capacity	l/min	14,85
Rear Hydraulic remotes (Quickcouplers)	•	
		THREE-POIN
Control / Category	•	
Max. Lift Capacity	kN	
Regulation	•	
		OTHER SPECI
Driver protection	•	
Steering Wheel	•	
7-pole power socket	•	
Beacon	•	
Front ballast	•	

		UNDERCAR
Drive system	•	
Operating brakes	•	
Hitches	•	
		DIMENSI
Max. Front Ballas	kg	
Max. Length / Width / Height	mm	2820 / 1097-1435 / 2306-234
Min. Ground Clearance	mm	210
Wheelbase	mm	
Max. technically permissible weight	kg	1078
		WHEEL
Agricultural	•	5x12 8x18
Grassland / Industrial	•	

	COMPAX CL 26	COMPAX CL 26 PLUS
IE		
	VST & Water Cooled / Stage V	
		18,3
		24
	2700	
		4/8
	Natural	
	Atmospheric / water cooled	306
18		25
SSION		
	Manual	
	6/2	8/2
	1	8-22
	Two speed	
540/54	40E	540/850
	6 splines	
LICS		
	Double-	gear pump
	:	21,6
	2 (1 pair)	
т нітс	н	
	CAT-1	
5		7,5
	Position / Draft	I
FICATI		
	ROPS / protective cabin ^{OPT}	
	Fixed	
	Yes	
	Yes	
	Yes	
RIAGE		
	4WD	
Drun	n	OIB
	Drawbar	
ONS		
	60	(05 / 0055 0000
45		435 / 2075-2320
1420		1520
. +20		149
6	·	····
.S		x12
	8,	3x20
	23x8,5-12 33x15,5-16,5	

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MAJOR

MAJOR is a universal agricultural tractor. It is designed for coupling with farm machines, as well as for transport. This range can be used mainly for small and family farms and is also useful in the municipal services. MAJOR is a lifelong tractor – always reliable, powerful and easy to maintain.

ENGINE

The core of MAJOR tractors is its well-proven four-cylinder engine with a power of 75 HP. The engine also performs well in demanding conditions. The engine is excellent for its low fuel consumption, high reliability and simple construction. The current emission level is reached by using an oxidation catalyst (DOC) and DPF without the need of using urea.

TRANSMISSION

MAJOR CL tractors are equipped with a reversing, four-gear(Synchorshuttle), fully synchronized gearbox with three speed ranges.

HYDRAULICS

The mechanically regulated hydraulics operate reliably under any circumstances. You will appreciate smooth lowering regulation, high endurance and long life. The **MAJOR CL** is equipped with one, or optionally two, hydraulic sections at the rear of the tractor.

CAB

The MAJOR's cab is practical, spacious and provides an excellent view all round. The digital dashboard displays all important information required for the operation and control of the tractor. A more comfortable cab is available on request. This cab is equipped with a new steering column (tiltable, height-adjustable) and is ready for a loader joystick. In addition, this cab is also available with a pneumatic suspension of driver's seat or with a passenger seat as an option. Two roof types can be installed on ZETOR tractors: the standard roof and a reinforced FOPS roof (including a sunroof) which is intended for tractors equipped with a front loader.

MODEL	UNITS	MAJOR CL 80			
		ENGINE			
Туре	•	DEUTZ TCD 2.9 Stage V			
Engine design	•	Diesel, direct fuel injection, common rail, turbocharged, DOC filter, DPF filter			
	kW	55.4			
Rated power (ECE R120)	HP	75.3			
Rated speed	rpm	2,200			
· ·	kW	55.4			
Max. power (ECE R120)	HP	75.3			
Rated speed	rpm	2,000			
No. of cylinders / valves	•	4/8			
Displacement	cm ³	2,925			
Max. torque	Nm	300.0			
Torque rise	%	25			
		TRANSMISSION			
Туре	•	4 mechanical gears with 3 ranges			
Number of gears (F/R)	•	12/12			
Reverser	•	Mechanical (SynchroShuttle)			
Max. speed	km/h	30			
Hux. Speed	KIII/II	PTO			
Туре	•	Independent / ground speed			
Rear PTO Revolutions	rpm	540/1,000			
Control	•	Mechanical			
control	-	HYDRAULICS			
Туре	•	Mechanical with regulation			
Gear pump capacity	l/min	50			
Rear hydraulic remotes	(/11111				
(Quickcouplers)	•	1+1 / 2+1 ^{opt}			
		THREE-POINT HITCH			
Туре	•	Category II			
Max. lift capacity	kN	18			
Lifting capacity in full range	kN	15			
		САВ			
Driver's seat	•	Mechanically suspended STANDARD seat with safety belt /Pneumatic suspension OPT			
Heating / Air-Conditioning	•	Standard / OPT			
Steering wheel	•	Fixed / Tiltable, height adjustable OPT			
		UNDERCARRIAGE			
Drive system	•	4WD			
Operating brakes	•	Mechanical with connecting the front axle			
Fuel tank	l	80			
Front mudguards	•	Fixed			
		OTHER SPECIFICATION			
Operating weight ¹	kg	2,960 - 3,645			
Max. technically permissible weight	kg	4,300			
Length * / Width ** / Height max.	mm	4,511 / 2,241 / 2,586			
	mm	3,505 / 1,941 / 2,560			
Length / Width / Height min.					

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PROXIMA

Reliable, powerful, universal. These words perfectly describe PROXIMA tractors, which rank as the most popular models of the ZETOR brand. These machines are tireless workers who meet demanding customer requirements for agricultural work, forestry, and municipal services. Simple robust design and low fuel consumption make PROXIMA tractors the right choice.

ENGINE

Under the bonnet of the PROXIMA tractors is a fourcylinder turbocharged diesel engine TCD 3.6 with 16 valves and 97-125 HP. The new engine meets the current most strict Stage V emission standard and boasts smoother, quieter running with low fuel consumption. This is aided by the Common Rail injection system.

TRANSMISSION

PROXIMA CL is equipped with a fully synchronised transmission with 12 forward and 12 reverse gears and a mechanical reverser. Thanks to its simplicity and durability, the tractor is perfectly suited for hard work. **PROXIMA CL** can be optionally equipped with the super creeper transmission (20/4 gears) which has the lowest travelling speed 0.22 kph (at 2,200 rpm rated engine speed). **PROXIMA GP** is an option for customers seeking a more modern design, greater power and comfort. This version contains 16/16 speeds transmission with a two-stage torque multiplier.

PROXIMA HS offers the highest level of power in the PROXIMA family, featuring 24/24 speeds, a three-stage torque multiplier and the modern PowerShuttle design for increased comfort – changing the direction of travel under load.

HYDRAULICS

PROXIMA tractors are equipped with a mechanically or electronically operated rear three point hitch with 2, 3 or 4 mechanically controlled hydraulic sections including front outlets. The tractor excels with an aboveaverage lifting force of up to 4,500 kg. The electrohydraulic system is fitted with the HitchTronic function, which is a unique system for automatic control of the rear threepoint hitch. When using this system, there is no need to set up different types of regulation or combinations.

CAB

Cabs have been designed to be ergonomic, comfortable, and safe. They feature plenty of space around the driver and optimum all-around visibility. The operator has an excellent view and control over the implements being used. This also includes a view of the front loader through the roof hatch. Toggle buttons on the dashboard have an upgraded design, identical to the higher model ranges. The ZETOR seat provides ergonomic and comfortable sitting. Two seat options are available – a seat with mechanical suspension or a seat with pneumatic suspension

		PR	OXIMA CL	PI	ROXIMA GP	PROXIMA HS				
MODEL UNITS		100	110	100	110	100	110	120		
			ENGINE							
Туре	•			DEU	TZ TCD 3.6 L4					
Max. power (ECE R120)	kW	72,5	80,9	72,5	80,9	72,5	80,9	93,0		
	HP	98,6	110,0	98,6	110,0	98,6	110,0	126,4		
Rated power (ECE R120)	kW	69,5	77,0	69,5	77,0	69,5	77,0	88,0		
	HP	94,5	104,7	94,5	94,5 104,7		94,5 104,7			
Rated speed	rpm				2200					
No. of cylinders / valves	•				4 / 8					
Max. torque	Nm	397/1600	440/1600	397/1600	440/1600	397/1600	440/1600	500/160		
Torque rise	%			31						
			TRANSMISSION	l .						
Туре	٠		sing 6-stage h 2 ranges			sing 4-stage 2 ranges				
Number of gears (F/R)	•	Super cre	12/12 eeper gears 20/4		16 / 16		24 / 24			
Reverser	•		Mechanical (Sy	/nchroShuttle)		Elektrof	Elektrohydraulic(PowerShuttle)			
Multiplier	٠		-	2-stag	ge (PowerShift)		stage (Power			
Clutch button	•		-			Clutch button located on the shi lever (PowerClutch)				
Max. speed	km/h	:	30 or 40		40	40				
			PTO							
Туре	•	Independen	t and ground speed	Inde	pendent and ground	nd speed, wet multi-plate clutch				
Rear PTO revolutions	rpm			540/1000	nebo 540/540ECO					
			HYDRAULICS							
Туре	•	Mechanic	al with regulation	Mechanical with regulation / Electrohydraulic (EHR) OPT						
Gear pump capacity	l/min			60						
Rear hydraulic remotes (Quickcouplers)	•	4+1	l or 6+1 ^{орт}	4+1 / 6+1 °PT or 8+1 °PT (only with EHR)						
			THREE-POINT HIT	СН						
Туре	•			(Category II					
Max. lift capacity	kN		39							
Lifting capacity in full range	kN				21					
			CAB							
Driver´s seat	•		Me	chanically or p	neumatically ^{OPT} suspe	ended				
Heating / Air-Conditioning	•			Sta	Standard / OPT					
Steering wheel	•		Fi	xed or adjustal	le (tiltable and telesc	opic)				
			UNDERCARRIAG	E						
Drive system	•				4WD					
Fuel tank	ι		15	i0		180				
Urea tank	ι				21					
Front mudguards	•				Standard					
			OTHER SPECIFICAT	10N						
Operatign weight ¹	kg	39	30 - 4550	3	760 - 4700		4130 - 4700)		
Max.technically permissible weight	kg				6500					
Length * / Width ** / Height max.	mm			4140-4	730 / 2130 / 2775					
Length / Width / height min	mm			3630-3760	/ 1960-2005 / 2765					
Wheelbase	mm		23	28			2442			
		th hydraulic remotes, radio, heated mirrors and rare window , working lights, beacons, wheels								

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9

Totor



FORTERRA

The FORTERRA range tractors are excellent in their robustness and performace. The tractors are equipped with ZETOR engines, which are designed for maximum performance under all conditions. Low fuel consumption and affordable spare parts make the FORTERRA tractors one of the most economical on the market.

ENGINE

New ZETOR engines in the Stage V emission standard offer a significant consumption and emission reduction. These aggregates were tested by researchers from Mendel University and the results of the study confirmed that they have up to 19.2 % lower consumption than the engines in the Stage IIIB standard.

TRANSMISSION

ZETOR uses in-house developed and manufactured gearboxes for the FORTERRA tractors. Own production allows the company to control the quality of the gearboxes. **FORTERRA CL** is equipped with a fourspeed, fully synchronized gearbox, supplemented with two speed ranges and a three-stage PowerShift. It offers 24 forward and 18 reverse speeds.

FORTERRA HSX and **FORTERRA HD** are equipped with the innovated ECO40 gearbox. It offers five-speed gearbox with three-stage multiplier (PowerShift) and 2-speed ranges. It means that 30 forward and 30 reverse speeds are available for the driver. Hydraulic reverser (PowerShuttle) is standard for FORTERRA HSX and HD tractors. The new 40ECO gearbox allows users to reach the maximum speed (40 km/h) at lower revolutions (1800 rpm). This optimization leads to fuel savings of up to 15-20%, and reduces the noise and wear of the engine.

HYDRAULICS

FORTERRA tractors are equipped with EHR (Bosch electrohydraulics) with **HitchTronic** function (automatic control of TPH). FORTERRA HD offers four hydraulic sections with electro-hydraulic flow control.

CAB

Convenience and user-friendly ergonomics, these are the characteristics of the FORTERRA cabs. There are two types of driver's seat which can be chosen - with mechanical or pneumatic suspension. FORTERRA HD is equipped with a multifunctional panel with integrated joystick to ensure the intuitive control of the tractor. FORTERRA HD (in standard) and FORTERRA HSX (optionally) is equipped with the suspended front-axle with the independent suspension of each wheel. In combination with the suspended cabin (standard on HD), it provides a comfortable ride. Thanks to the bowden conrolled shifting in FORTERRA HD the noise is reduced in the cab and lower control force is required.

	FORTERRACL						FORTERRA HSX			FORTERRA HD		
MODEL	UNITS	100	110	120	130	140	120	130	140	130	140	15
			E	NGINE								
Туре	•					Sta	ge V					
	kW	70.4	78.4	86.2	93.2	100.2	86.2	93.2	100.2	93.2	100.2	108
Max. / Rated power (ECE R120)	HP	95.7	106.6	117.2	126.7	136.2	117.2	126.7	136.2	126.7	136.2	145
Rated speed	rpm					2,2	200					
No. of cylinders / valves	•					4,	/16					
Displacement	cm ³					4,	156					
Max.torque	Nm	420.0	471.5	507.3	557.6	606.6	507.3	557.6	606.6	557.6	606.6	60
Torque rise	%	42	43	40	42	43	40	42	43	42	43	3
·			TRAM	ISMISSIO	N							
-		F	Reversing	4-stage wi	th 2 range	25		Revers	ing 5-sta	ge with 2	2 ranges	
Туре	•			atic 3-stag					omatic 3			
Number of gears	•			24/18					30,	/30		
Reverser	•		Mechanie	cal (Synchr	oShuttle)			Electro	hydraulio	c (Power	Shuttle)
Multiplier	•					3-stage F	PowerShi	ift				
Clutch button	•			-			CI	utch but	ton locate (Power	ed on the Clutch)	e shift le	ver
Max. speed	km/h			40					40 E	•		
	,			PTO								
Туре	•				1	Multi-plate	PTO clu	ıtch				
Rear PTO revolutions	rpm		Independ	ent (540/54		•			round spe	eed (540	/1.000)	
				RAULICS		, ,,,,		j.			.,,	
Gear pump capacity	l/min				70					85		
Rear hydraulic remotes (Quickcouplers)	•	6+1						8+1				
External hydraulic circuits control	•	Mechanically controlled						Electrohydraulical controlled section (flow & timing)				
		1	THREE-	POINT HI	ГСН							
Туре	•		E	Bosch elect	tro-hydrau	ulics with I	HitchTro	nic, 2 aux	kiliary cyl	inders		
Three-point hitch	•			Catego	ry II / Cate	egory III N	OPT			С	ategory	
Max. lift capacity	kN		77 88					15				
Lifting capacity in full range	kN	69 7					75					
				CAB			1					
Cab suspension	•				OPT	-					Standar	d
Driver's seat	•		Mechanical suspended / Pneumatically suspended							eumatic uspende		
Heating / Air-Conditioning	•				Standard	/ OPT					ard / Sta	
Heated mirrors and rear window	•						ndard			Stanu		
	-			RCARRIA	θF	Jidi	Juliu					
Drive system	•		ONDL			/.\	ND					
Front driven axle	•			Solid		4		/ Suspen	ded OPT	Suspended		ed
Fuel tank / Urea tank	l			230 / 28			Social	, saspen			Soperior	
Front mudguards	•	230 / 28 270 / 28 Fixed or Pivoting ^{OPT}						, 20	Pivotino	1		
			OTHERS	PECIFICA		sting					· woung	,
Operating weight ¹	kg			,300 - 5,20			1.	300 - 5,3	10	/.	980 - 5,7	200
	-		4	8,000	0		4,	9,000		4,		50
Max. tech. permissible weight	kg		E 01	-	2 0 / 2		E 11/	-	12012			120
Length * / Width ** / Height max.	mm		3,010	6 / 2,383 / 3		0/2015	5,116	/ 2,383 /	2,743		/ 2,496 /	
Length / Width / Height min.	mm				780 / 2,200	u/2,715		0 500		4,115 / 2,177 / 3,0		
Wheelbase	mm			2,490			1	2,590		2,720		

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11

Fotor



CRYSTAL

The CRYSTAL represents the most powerful and the best-equipped tractor in the ZETOR portfolio. The six-cylinder engine with up to 171 HP predestines it for work on medium and large-sized farms, for use in crop production, for aggregation with various farm machines, as well as for transport and other applications.

ENGINE

Six-cylinder engines made by DEUTZ AG guarantee the high power of the CRYSTAL tractors. The engines deliver a maximum output 171 HP. High torque rise quarantees high engine tenacity. The engines great properties are its excellent pull at low RPM and high torque. When working in difficult conditions and at dropping RPMs the power remains almost constant while the torque increases, which provides the tractor with the necessary strength at increasing driving resistance.

TRANSMISSION

The five-gear fully synchronised transmission has two driving speed ranges (standard and reduced speed) and a three-stage PowerShift. There are a total of 30 forward gears and 30 reverse gears. The driving direction is changed by a hydraulic reverser lever (PowerShuttle) without the need to press the clutch pedal (reversing

under load). The innovated ECO 40 transmission allows users to reach top speeds (40 km/h) at lower RPMs (1800 RPM). This optimisation results in fuel savings of up to 18% and decreases the noise and engine wear.

CAB

The suspended cabin along with suspended axle delivers a comfortable driving experience. The cabin is spacious and comfortable. The quiet engine operation will literally take you by surprise. All controls are placed so as to provide the driver with good access - on the right panel or steering column. The new pneumatically suspended PROFI seat offers the seat heating, horizontal suspension, lumbar back and adjustable head support, elbow rests and other elements for high comfort. Thanks to the bowden conrolled shifting the noise is reduced in the cab and lower control force is required.

HYDRAULICS

The three-point hitch is controlled via the Bosch electro-hydraulic system (EHR) with HitchTronic function, which allows the automatic regulation of the rear three point hitch. CRYSTAL is equipped with a 4-section hydraulic distributor with electro-hydraulic control. Category III hitches are compatible with a broad variety of attachments.

MODEL	UNITS	CRYSTAL HD 170			
		ENGINE			
Туре	•	DEUTZ TCD 6.1 L6 (Stage V)			
	kW	125.7			
Max. power (ECE R120)	HP	170.9			
Rated speed	rpm	1,800			
	kW	120.3			
Rated power (ECE R120)	HP	163.6			
Rated speed	rpm	2,100			
No. of cylinders / valves	•	6/24			
Displacement	cm ³	6,057			
Max. torque	Nm	739.0			
Torque rise	%	36			
		TRANSMISSION			
Туре	•	ECO 40 transmission			
Number of gears	•	30/30			
Reverser	•	Electrohydraulic (PowerShuttle)			
Multiplier	•	3-stage PowerShift			
Clutch button	•	Clutch button located on the shift lever (PowerClutch)			
Max. speed	km/h	40 ECO			
		PTO			
Туре	•	Multi-plate PTO clutch with feedback controlled starting			
Rear PTO revolutions	rpm	Independent (540/540E/1,000/1,000E)			
		HYDRAULICS			
Pump capacity	l/min	85 (gear)			
External hydraulic circuits control	•	Electrohydraulically controlled sections (flow & timing)			
Rear hydraulic remotes	•	8+1			
(Quickcouplers)		· ·			
_		THREE-POINT HITCH			
Туре	•	Bosch electro-hydraulics with HitchTronic function, 2 auxiliary cylinders			
Rear three-point hitch	•	Category III			
Max. lift capacity	kN	87			
Lifting capacity in full range	kN	78			
		CAB			
Suspension	•	Suspended cab			
Driver's seat	•	Comfort seat pneumatic suspension, heated			
Controls	•	Multifunctional panel with joystick			
Cab equipment	•	Air-Conditioning and heating, heated mirrors and rear defroster, AM/FM Radio, passenger seat with seatbelt			
		UNDERCARRIAGE			
Drive system	•	4WD			
Front driven axle	•	Suspended with independent suspension of half-axles			
		Rear brakes: independent pneumatically controlled brakes			
Operating brakes	•	Front brakes: hydraulically controlled brakes			
Fuel tank / Urea tank	l	300/32			
		OTHER SPECIFICATION			
Operating weight ¹	kg	5,760 - 6,500			
Max. technically permissible weight	kg	10,000			
Length * / Width ** / Height min max.	mm	4,388 - 5,410 / 2,515 - 2,550 / 3,045 - 3,050			
-		2,850			





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DEALER: