

PROXIMA range

The most popular Zetor tractors, the Proxima series, have achieved popularity thanks to their versatility, reliability and robust design. The series meets exacting customer demands in farming and forestry as well as municipal services. With regard to high flexibility, options include versions with or without a cab, and two-wheel or four-wheel drive.

In addition, Proxima models offer multiple gearbox variants to match their practical use and customer needs.

Unlike other Proxima models, **Proxima Plus** tractors have greater engine power and a more modern gearbox design for more effective work.

Proxima Power models have the most modern gearbox design in the Proxima family and meet high customer demands for versatility, comfort, safety and productivity.

ENGINE

The exceptional popularity of Zetor engines is based on low fuel consumption, high reliability and simple design – these reward the customer not only with low purchase costs, but also low operating costs and great reliability. The 16-valve engines obtained one of the best evaluations in a stringent test carried out by the German Agricultural Association (DLG). Tractors with these engines therefore rank among the most economical in the market.

GEARBOX

Gearboxes for the Proxima series are manufactured right at the ZETOR TRACTORS a.s. manufacturing facility. Making them in-house enables significant control over quality, design and a considerable variability in the available options. The use of high-quality materials ensures great endurance and a long service life.

Gearboxes for standard **Proxima** models are the most universal and operate mechanically only. They are manufactured in several versions.

Proxima is the only model offering creep gears – in the 20/4 version – and has the lowest travelling speed

0.22 kph (at 2,200 rpm rated engine speed). Thanks to their simplicity and minimum breakdown rate, they are perfectly suited for hard work.

Proxima Plus is an option for customers seeking a more modern design, greater power and comfort. This version contains 16/16 speeds with a two-stage torque multiplier.

Proxima Power offers the highest level of power in the Proxima family, featuring 24 forward and reverse speeds, a three-stage torque multiplier and the modern Powershuttle design for increased comfort – changing the direction of travel under load.

HYDRAULICS

The Bosch electro-hydraulic system is fitted with the HitchTronic function, a unique system to automatically control the rear three-point hitch. When using this system, there is no need to set up different types of regulation or combinations. Only the implement working depth is set. When the implement attached to the rear three-point hitch reaches the set depth, the control system measures soil resistance, and this value is used as the initial value for the automatic hitch control.

PROXIMA

MODEL	PROXIMA				PROXIMA PLUS			PROXIMA POWER			
	70	80	90	100	90	100	110	90	100	110	120
ENGINE											
Type Stage III A	7205	1105	1205	1005	1205	1005	1305	1205	1005	1305	1405
Emission level	Stage IIIA										
Homologated Power (kW) (2000/25/EC)	47.6	55.6	64.3	70.3	64.3	70.3	78.4	64.3	70.3	78.4	86.2
Homologated Power (HP) (2000/25/EC)	65	76	87	96	87	96	106	87	96	106	117
Rated Speed (rpm)	2,200										
Number of Cylinders	4										
Number of Valves	8										
Aspiration	Turbocharged										
Bore/Stroke (mm)	105/120										
Displacement (cm ³)	4,156										
Cooling	Viscous fan clutch										
Max. Torque (Nm) (2000/25/EC)	271	317	370	429	370	429	461	370	429	461	493
Improvement of torque (%) (ECE R24)	36	35	38	46	38	46	40	38	46	40	37
GEARBOX											
Type	Mechanical /synchro shuttle		Mechanical with 2-stage multiplier, synchro shuttle			Mechanical with automatic 3-stage multiplier, electro-hydraulic synchro shuttle					
Reverser	Mechanical shifting, synchronized					Under load at speeds up to 10 kph					
Shifting	Fully synchronized										
No. of Gears (forward/reverse)	10/2; 12/12 ^{opt} or with 20/4 creeper ^{opt}		16/16			24/24					
Speed (kph)	30 (2WD / 4WD or 40 (4WD)			40 (30 ^{opt})			40				
PTO											
Type	Independent / dependent				Independent/ dependent, wet multi-plate clutch						
Rear PTO Revolutions	540; 540/1000 ^{opt} , 540/540E ^{opt}				540/1000, 540/540E						
Front PTO Revolutions ^{opt}	1 000										
Max. Power of Front PTO (kW) ^{opt}	45				60						
HYDRAULICS											
Type	Mechanically controlled - D. M. P.			Mechanically controlled - D. M. P.; Electro-hydraulic control ^{opt}							
Three-Point Hitch	Category II										
Control	Mechanical										
Max. Lift Force (kN)	42										
Operating Pressure (MPa)	19										
Pump Capacity (l*min ⁻¹)	50; 60 ^{opt}										
External Offtakes (Quickcouplers)	2+1, 4+1 ^{opt} or 6+1 ^{opt}				4+1, 6+1 ^{opt} or 8+1 (only with electro-hydraulic control) ^{opt}						
Hitches	Modular CBM hitch system – level quick-adjustable hitch										

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	70	80	90	100	90	100	110	90	100	110	120
CAB											
Roof with Hatch	Standard; FOPS ^{opt}										
Seat	Zetor seat with armrests; Zetor seat with mechanical/pneumatically suspension ^{opt}										
Passenger Seat	Standard with safety belt ^{opt}										
Steering Wheel	Fixed; Tilttable and telescopic ^{opt}										
Air-Conditioning	Manual ^{opt}										
OTHER SPECIFICATIONS											
Drive System	2WD/4WD				4WD						
Steering	Hydrostatic										
Operating/Parking Brakes	Wet disc, hydraulically operated / mechanically operated										
Front Brakes	By connecting front driven axle					Wet disc brakes in wheels					
Trailer Brakes	1+2 hose pneumatic ^{opt} and hydraulic ^{opt}										
Max. Front Ballast (kg) ^{opt}	466										
Max. Rear Wheel Ballast (kg) ^{opt}	270										
Tank Volume (l)	124/150 ^{opt}				150			180			
Front Mudguards	Fixed										
Heated Mirrors, Rear Defroster	Optional										
Pre-Wiring for Radio	Optional										
DIMENSIONS											
Operating Weight* (kg)	3,058-4,044		3,750-4,546		4,054-4,600			4,014-4,257			
Max. Length (mm)	4,690		4,710		4,827			4,941			
Max. Width (mm)	2 319										
Max. Height (mm)	2725					2738					
Wheelbase (mm)	2,323 (2WD)		2,308 (4WD)		2,328			2,442			
Front Wheels** (mm)	9.00-16 / 280/85-24 (11.2-24)										
Rear Wheels** (mm)	420/85-28 (16.9-28)				420/85-30 (16.9-30)						

* Without front and rear ballast

** Standard wheels; for more options contact your dealer

^{opt} Optional

Note: The height depends on the size of the wheels

