

*Zetor*



# 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.

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

With their combination of genuine horse-

power inside the engine and a powerful gearbox, PROXIMA tractors deliver high power levels for use in every situation.

PROXIMA range consists of three models: PROXIMA 100, PROXIMA PLUS 110 and PROXIMA POWER 120.

By combining versatility and low operating costs, the Proxima family's models are efficient and economical to own.

## 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. 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 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 100 models are the most universal and operate mechanically only. Can be equipped with 2 types of transmission - 10/2 transmission or 12/12 transmission with Synchroshuttle (mechanical reversor). Thanks to their simplicity and minimum breakdown rate, they are perfectly suited for hard work.

PROXIMA PLUS 110 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 120 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

PROXIMA tractors are equipped with a mechanically (MHR) or electronically (EHR) operated rear three point hitch with 2, 3 or 4 mechanically controlled hydraulic sections. The tractor excels with an above-average lifting force of up to 4,600 kg. The electro-hydraulic 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.





## PROXIMA

MODEL	UNITS	PROXIMA 100	PROXIMA PLUS 110	PROXIMA POWER 120
<b>ENGINE</b>				
Type Stage III A	•	1005	1305	1405
Emission level	•	Tier 3 / Stage IIIA		
Homologated Power (2000/25/EC)	kW	70.4	78.4	86.2
	HP	96	107	117
Rated Speed	rpm	2,200		
Number of Cylinders	•	4		
Number of Valves	•	8		
Aspiration	•	Turbocharged		
Bore/Stroke	mm	105/120		
Displacement	cm <sup>3</sup>	4,156		
Max. Torque (2000/25/EC)	Nm	401.3	450.3	491.0
Improvement of torque (ECE R24)	%	36.5	37	36.5
<b>GEARBOX</b>				
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 <sup>OPT</sup>	16/16	24/24
Speed	kph	30 or 40 <sup>OPT</sup>	40 or 30 <sup>OPT</sup>	40
<b>PTO</b>				
Type	•	Independent and ground speed		
PTO Clutch type	•	Dry friction clutch	Wet multi-plate clutch	
Rear PTO Revolutions	•	540/1,000 or 540/540E <sup>OPT</sup>		
Front PTO Revolutions <sup>OPT</sup>	•	1,000		
Max. Power of Front PTO <sup>OPT</sup>	kW	45	60	
<b>HYDRAULICS</b>				
Type	•	Mechanically controlled	Mechanically controlled – D. M. P.; Electro-hydraulic control <sup>OPT</sup>	
Three-Point Hitch	•	Category II		
Control	•	Mechanical	Mechanical / electronic (HitchTronic <sup>OPT</sup> )	
Max. Lift Capacity	kN	46		
Lift capacity in the entire range of links	kN	39,7		
Operating Pressure	MPa	19		
Pump Capacity	l/min	50; 60 <sup>OPT</sup>		
Hydraulic Outputs (Quickcouplers)	•	2+1, 4+1 <sup>OPT</sup>	4+1, 6+1 <sup>OPT</sup>	4+1, 6+1 <sup>OPT</sup> or 8+1 (only with electro-hydraulic control) <sup>OPT</sup>

MODEL	UNITS	PROXIMA 100	PROXIMA PLUS 110	PROXIMA POWER 120
Seat	•	Seat with mechanical/ pneumatical suspension OPT		
Passenger Seat <sup>OPT</sup>	•	With or without safety belt		
Steering Wheel	•	Fixed or Tiltable and telescopic <sup>OPT</sup>		
Air-Conditioning <sup>OPT</sup>	•	Optional		
OTHER SPECIFICATIONS				
Drive System	•	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 <sup>OPT</sup>	•	Pneumatic (2+1 hose) <sup>OPT</sup>		
Max. Front Ballast <sup>OPT</sup>	kg	666		
Max. Rear Wheel Ballast <sup>OPT</sup>	kg	270		
Tank Volume	l	124	150	180
Front Mudguards <sup>OPT</sup>	•	Fixed		
Heated Mirrors, Rear Defroster	•	Optional		
Pre-Wiring for Radio	•	Optional		
DIMENSIONS				
Operating Weight <sup>1</sup>	kg	3,750-4,546	4,054-4,600	4,014-4,257
Max. Length	mm	4,710	4,827	4,941
Max. Width	mm	2,319		
Max. Height	mm	2,725	2,738	
Wheelbase	mm	2,308 (4WD)	2,328	2,442
Wheels	mm	Multiple options available		

<sup>1</sup> Without front and rear ballast.

<sup>OPT</sup> Optional

Note: The height depends on the size of the wheels

