

**TECHNICAL DESCRIPTION**

<b>Model Proxima Plus 110</b>	
<b>Engine</b>	
Type	Zetor 1305
Certified power 200/25 (kW/hp)	78.4 / 107
Specific fuel consumption at nominal power (2200 rpm), g/kW*h.	252
Nominal revolutions (rpm)	2,200
Number of cylinders / valves	4 / 8
Fuel system	In-line 4-plunger pump with mech. reason
Filling cylinders	Turbocharging
Cylinder diameter / piston stroke (mm)	105/120
Cylinder volume (cm3)	4 156
Maximum torque, Nm	450
Torque reserve ratio (%)	37
Specific fuel consumption at max. torque (1480 rpm), g/kW*h.	218
Toxicity standards	TIER IIIA
<b>CLUTCH</b>	
Type	Dry, single-plate with hydraulic control
Size (mm)	310
<b>GEAR BOX</b>	
Type	Mechanical with a 2-stage torque amplifier, reversible
Reverse	With mechanical switching
Gear shift	Fully synchronized
Number of gears (forward / reverse)	16/16
Speed (km/h)	40 (on order 30)
<b>PTO SHAFT</b>	
Type	independent / dependent, oil multi-plate clutch
Revolutions of the rear PTO shaft (rpm)	540/1000 (on order 540/540E)

<b>Max. rear GDP power (kW)</b>	65.5
<b>Revolutions of the front PTO shaft (rpm)</b>	1000 rpm
<b>HYDRAULICS</b>	
<b>Type</b>	Mechanical with positional adjustment, combined and power
<b>Three-point hitch</b>	category II
<b>Force at the end of the lower links of the rear linkage (kN)</b>	42
<b>Force at the end of the lower links of the front linkage (kN)</b>	23
<b>Working pressure (MPa)</b>	19
<b>Productivity of the hydraulic pump (l/min)</b>	50 (on order 60)
<b>Oil volume in the gearbox (l)</b>	62
<b>External hydraulic connectors</b>	6 + 1
<b>Hanging</b>	CBM modular height-adjustable hitch system with manual locking and hitch for single-axle trailer (+ pendulum drawbar)
<b>CABIN</b>	
<b>Air conditioning</b>	Manual control
<b>Driver's seat</b>	Sears - with air suspension
<b>Passenger seat</b>	standard
<b>Tinted glass</b>	standard
<b>Helm</b>	Adjustable for tilt and height
<b>OTHER PARAMETERS</b>	
<b>Maximum traction force (kN) on concrete, tractor in equipped condition with ballast, skidding up to 15%</b>	38
<b>Drive system</b>	4WD
<b>Steering</b>	Hydrostatic
<b>Main / parking brakes</b>	oil disc with hydraulic control / with mechanical control
<b>Trailer brake</b>	pneumatic or hydraulic (option)
<b>Max. front counterweight (kg)</b>	466

<b>Max. rear wheel ballast (kg)</b>	270
<b>Tank volume (l)</b>	150
<b>Rear heating glass and mirrors</b>	Standard
<b>Preparation for radio</b>	Standard
<b>DIMENSIONS</b>	
<b>Length (mm)</b>	4,827
<b>Weight (kg)</b>	4,056 – 4,600
<b>Max. width (mm)</b>	2 319
<b>Max. height (mm)</b>	2,694 - 2,780
<b>Wheel base (mm)</b>	2,328
<b>Ground clearance under the beam of the front axle (mm)</b>	468-508
<b>Front wheel track (mm)</b>	1 525 - 1 920
<b>Rear wheel track (mm)</b>	1,350 - 1,800
<b>Front wheels (mm)</b>	11.2-24 or 320/85(12.4) R24
<b>Rear wheels (mm)</b>	16.9-30 or 420/85(16.9) R34

