

TECHNICAL DESCRIPTION

Model Proxima Power 120	
Engine	
Type	Zetor 1405
Certified power 200/25 (kW/hp)	86.2 / 117
Specific fuel consumption at nominal power (2200 rpm), g/kW*h.	264
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 (cm ³)	4 156
Maximum torque, Nm	491
Torque reserve ratio (%)	37
Specific fuel consumption at max. torque (1480 rpm), g/kW*h.	218
Toxicity norms	TIER IIIA
CLUTCH	
Type	Wet, multi-disc, with electro-hydraulic control
Size (mm)	310
GEAR BOX	
Type	Mechanical with 3-stage torque amplifier, with electro-hydraulic reverse
Reverse	Under load at a speed of up to 10 km/h.
Gear shift	Fully synchronized
Number of gears (forward / reverse)	24/24
Speed (km/h)	40
PTO SHAFT	
Type	independent / dependent, oil multi-plate clutch
Revolutions of the rear PTO shaft (rpm)	540/1000 (on order 540/540E)

Max. rear GDP power (kW)	73
Revolutions of the front PTO shaft (rpm)	1000 rpm
HYDRAULICS	
Type	Mechanical with positional adjustment, combined and power
Three-point hitch	category II
Force at the end of the lower links of the rear linkage (kN)	42
Force at the end of the lower links of the front linkage (kN)	23
Working pressure (MPa)	19
Productivity of the hydraulic pump (l/min)	60
Oil volume in the gearbox (l)	70
External hydraulic connectors	8 + 1
Hanging	CBM modular height-adjustable hitch system with manual locking and hitch for single-axle trailer (+ pendulum drawbar)
CABIN	
Air conditioning	Manual control
Driver's seat	Sears - with air suspension
Passenger seat	standard
Tinted glass	standard
Helm	Adjustable for tilt and height
OTHER PARAMETERS	
Maximum traction force (kN) on concrete, tractor in equipped condition with ballast, skidding up to 15%	39
Drive system	4WD
Steering	Hydrostatic
Main / parking brakes	oil disc with hydraulic control / with mechanical control
Trailer brake	pneumatic or hydraulic (option)
Max. front counterweight (kg)	466

Max. rear wheel ballast (kg)	270
Tank volume (l)	180
Rear heating glass and mirrors	Standard
Preparation for radio	Standard
DIMENSIONS	
Length (mm)	4,941
Weight (kg)	4,014 – 4,257
Max. width (mm)	2 319
Max. height (mm)	2,694 - 2,780
Wheel base (mm)	2 442
Ground clearance under the beam of the front axle (mm)	468-508
Front wheel track (mm)	1 525 - 1 920
Rear wheel track (mm)	1,350 - 1,800
Front wheels (mm)	11.2-24 or 320/85(12.4) R24
Rear wheels (mm)	16.9-30 or 420/85(16.9) R34

