



City Ranger 3500 Basic machine

City Ranger 3500 is an efficient and hardworking utility machine that is designed to meet the demanding standards of municipalities and professional contractors. City Ranger 3500 is truly versatile. It is a multifunctional all-year machine that performs exceptionally well in all application areas - just like a one-purpose specialist.

High reliability

It is a strong machine. The construction is sturdy and the engine is made to deal with heavy-duty assignments and twentyfour-hour operations. The performance is steady and excellent, driveability and manoeuvrability are amazing, and the driver's comfort is high, making the vehicle a very user-friendly workstation. And as the weight does not exceed 3500 kg, it requires no more than a category B driver's license.

Sound economy

Low operation and maintenance costs ensure a good operating economy, and as the machine is equipped with long-lasting high quality components, it is clearly a future-proof investment - with a potential for improving the return on investment due to its multi-functional properties.



With City Ranger 3500, attachment changeovers can be done in less than 10 minutes, indeed a very fast changeover for this machine class.

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Great manoeuvrability

The City Ranger 3500 has a strong articulated steering that provides it with great manoeuvrability as well as ensures a steady transport. The small turning circle radius allows it to work in narrow spaces, and as the lowest and slimmest vehicle in this machine class it is even able to enter underground parking facilities. Speed regulation is extremely easy too, due to the hydrostatic drive system.



A compact and manoeuvrable all-year machine

Safety and comfort

For safety as well as for the driver's wellbeing, great attention has been paid to comfort level and working view. The driver's seat is placed in the right side close to the kerb, while the huge windows provide the driver with an excellent view to both front attachment and the surrounding traffic. A window in the floor gives a direct view to the vacuum nozzle. All attachments are controlled by an ergonomically designed multifunction joystick, which is gel padded for soft hand support. Naturally, foot pedals and joystick are positioned ergonomically correct.

A fully suspended chassis, an independently suspended cabin, and an air-suspended driver's seat make sure to reduce the vibrations to a minimum. Low noise level both in the cab and outside is appreciated by the driver and the surroundings. Extra comfort and safety improving features are heatable side mirrors, and large glazed doors with sliding windows. Air condition is standard too.

Environmental measures

City Ranger 3500 is designed to take precautionary measures against pollution. Naturally, the suction sweeper is PM10 certified, and exhaust particle filters and biological hydraulic oil are available as options.

High quality - low-cost operation and maintenance

Due to its rather simple construction, City Ranger is easy to clean and maintain. The tyres used are standard PR8 van tyres that are easily changed. High quality components ensure high reliability. Service checks are recommended every 500 hours.

Multifunction versatility

City Ranger 3500 is a multifunctional machine with a great many expert qualities, as the wide range of highly specialised attachments that can be fitted in front represents each their own branch of professional excellence. Each and every attachment fulfills its job to total perfection. The attachment programme covers all seasons of the year, and the changeover from one to another attachment is done in less than 10 minutes. Indeed a very fast changeover for this machine class.



Available in two versions:

- 2-step version for improved torque in working mode, 38 km/h
- Speed restricted version, limited at 25 km/h



Ergonomically designed workplace



Multifunction joystick with gel pad



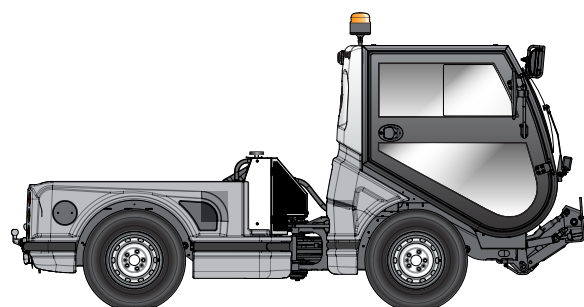
4 cylinder Perkins engine



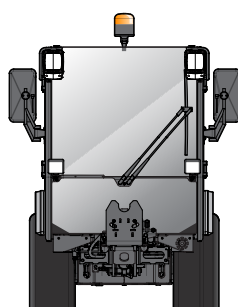
The cab is wide and comfortable enough for two seats

Technical data

City Ranger 3500



4.081 mm



1.130 mm

Engine	Perkins diesel engine 404D-22, 4 cyl., 49 HP.
Drive	Permanent 4x4 hydraulic drive - optimum grip for rough conditions and winter care.
Hydraulics	The oil type is ISO VG 46, the tank capacity is approx. 60 l.
3500 kg GVW	Allows work on most types of surfaces including pavements. Requires only a category B driver's license.
Highly manoeuvrable	Small kerb-to-kerb turning circle, only 3,12 m due to articulated steering and compact design.
Driver's comfort	Fully suspended chassis and air suspended driver's seat as standard.
Service and maintenance	High quality components from well known brands ensure high reliability. Pure hydraulic-driven attachments require minimal maintenance only. Engine and hydrostatic control without electronic components ensure high reliability, easy maintenance and low service costs.
Available in 2 versions	City Ranger 3500 - 2-step version - for improved torque in working mode. City Ranger 3500 - Speed restricted version 25 km/h.
A/C	Air condition is standard on all versions.
Lights and mirrors	European Standard driving lights plus two extra front work lights. Heatable side mirrors are standard.
Extra equipment:	
Wide-base tyres 275 / 60	R15 107T with wheel arch extensions.
Comfort seat	Seat with integrated 3-point belt - heated, adjustable seat cushion - lumbar support - adjustable arm rest in the left side - adjustable head restraint, and automatic seat adjustment in accordance with the driver's weight.
High roof cab	100 mm higher cab than standard.
Bio hydraulic oil	Shell Naturelle HF-E-46 on request.
Particle filter	On request.
LED lights	LED-Package: Rear lights, work lights, reading lamp, direction indicators and rotating beacon.
Rear view camera	With 7 inch colour monitor, infrared night view, and viewing angle approx. 135 degrees.
Bluetooth radio with cd	Speaker system included.
Coupling	TÜV approved.
Elaskon treatment	Special wax treatment of the basic machine for a high level of corrosion protection.

Dimensions City Ranger 3500

Length	4.081 mm
Width	1.130 mm
Height with cab ROPS	1.900 mm
Height with cab ROPS and beacon	2.180 mm
Height with high roof cab ROPS and beacon	2.280 mm

Technical data:

Weight with cab ROPS, without driver	1.800 kg
Payload	1.700 kg
Gross vehicle weight	3.500 kg
Trailer without brakes - permitted trailer weight	max. 750 kg
Permitted combined weight - trailer without brakes	max. 3.500 kg
Trailer with brakes - permitted trailer weight max.	1.800 kg
Permitted combined weight - trailer with brakes	max. 5.300 kg
Allowed axle load, front	2.100 kg
Allowed axle load, rear	2.100 kg
Tyre size	195/75 R16
Tyre pressure	5.25 bar
Turning circle kerb-to-kerb	3.120 / 3.370 mm
Max. speed City Ranger 3500 2-step version:	38 km/h
Step 1 / Step 2	19/38 km/h
Max. speed - speed restricted version	25 km/h
Noise level:	
-in accordance with EEC-norm 2009/63 - Passing	78 dB(A)
-in accordance with 2009/76/EEC - Operator's seat	76 dB(A)

Engine:

Model	Perkins diesel 404D-22
EU-norm	Stage IIIA
Engine output at 3000 rpm - ECE R24	49 HP / 36,3 KW
Cylinders	4
Fuel tank capacity	65 l
Lubrication system	Pressure lubrication system with filter
Engine oil type	15W/40 API CH4 , ACEA E5
Engine oil capacity	9 l
Air filter	Dry, replaceable element
Cooling system	Water-cooled
Heat indication	112 °C
Starter system	Electric start with glow plug
Charging system	VDC-Generator
Charging capacity	85 A
Battery	12 V - 100 Ah - 750 A

Brakes:

Brakes on both front wheels	Hydraulic drum brakes
Brakes on both rear wheels	Hydrostatic
Parking brake	Drum brakes, both front wheels

Your Nilfisk Outdoor dealer



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