



## City Ranger 2250 Basic Machine

*The City Ranger 2250 is an outdoor utility machine with a complete range of special attachments that allows you to work outdoors, all year round. Sweeping and vacuuming in spring and autumn, mowing grass and lawn-edge cutting in the summer, sweeping snow, and spreading gravel, salt and sand in the winter. The City Ranger 2250 is market tested, effective and very professional. Designed for versatility, this user-friendly machine is extremely reliable and exceedingly comfortable to operate.*

*The City Ranger 2250 is a compact unit and can be easily transported on a trailer or truck. It is equipped with four transport securing rings for safe transport.*

*Naturally, TÜV certified.*



*When you change attachments, the City Ranger 2250 hydraulic hoses are connected at the turn of a handle!*



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## A true all-year-round machine

The range of specially-designed City Ranger 2250 attachments covers the whole year. The range includes a suction sweeper (with two, three or four brushes and a hopper), a mulch mower/rotary mower, lawn edger, flail mower, verticutter, snow sweeper, dozer blade, salt- and sand spreader and tipper trailer. Just ask for product specifications.



## Easy attachment changeover

Attachments can be changed quickly and easily. The attachment system has a single lock and release lever – one click and the attachment is on. In less than a minute. Hoses and couplings are hidden (thus well-protected) and the hydraulics and water supply, power and vacuum hose connect automatically.

## Impossible to make a mistake!

Hydraulics connect automatically with the new A-frame and it is impossible to fit the attachments incorrectly. There is a manual lever, or, more precisely, two, one at the front and one at the back. When the locking handle is locked, the attachment is, guaranteed, in the correct position and all the connections are correct. If there is anything remotely amiss, the locking handle simply will not lock.

## Operating abilities

The City Ranger 2250 is equipped with a hydraulic automatic throttle. It automatically controls acceleration and the machine has a transport speed of up to 20 km/h. The attachment follows the terrain and its weight is partially distributed over the machine's front wheels for perfect machine-attachment weight transmission. Ensuring exceptionally good traction, stability and great results.

## Highly-Manoeuvrable

The City Ranger 2250 is articulated, so it can keep close to edges and turn sharp corners.

## Strength, power and transmission

The City Ranger 2250 has strong traction. With a 35-horse power engine, four-wheel drive and excellent weight distribution, combined with a low point of gravity and a large axle base, the outdoor utility machine is safe and reliable – no matter where or how much work it is doing. It is stable on all terrains.

## Maintenance

The City Ranger 2250 is designed for daily maintenance, so everything is easily accessible. No need to dismantle attachments. The water, oil, air filter and battery can be checked just by lifting a single cover.

## Environment

The City Ranger 2250 is environmentally sound – today and tomorrow. Quiet when operating and practically vibration-free. It is designed for use with an exhaust particle filter and catalytic converter, and can use biological hydraulic oil. The machine is far less harmful to the environment than the minimum levels set by the EU.

## Comfort

The City Ranger 2250 is an ergonomically-designed outdoor utility machine. The cab is spacious, with visibility on all sides, and the entry-opening is low and wide. The wheel and seat are fully-adjustable to suit the operator. The seat has suspension (with optional pneumatic suspension) and is very comfortable to sit in. All the operating controls – including the joystick for controlling the attachments – are positioned optimally for the operator. Air-conditioning is available as an optional feature.



## Important functions shown on the cab display

Timer, revs, hydraulic filter-change alarm, temperature alarm (at 112°C), temperature sensor in the motor and hydraulic oil level indicator.



*The cab truly belongs to the operator and is a joy to use. It has a cup holder close at hand, document tray under the seat, coat hook and space for a rucksack or other personal property.*



# Technical specifications City Ranger 2250



2,400 mm



1,070 mm

<b>Motor</b>	Perkins diesel engine, 4 cyl., 35 HP
<b>Drive</b>	Hydraulic drive. Pure hydraulic-driven attachments only require minimal maintenance. Equipped with hydraulic throttle, which automatically controls acceleration to and from the job site
<b>Hydraulics</b>	The oil type is Rando HDZ 46, tank capacity is 21 l Capacity of the small pump is 12 + 4 l/min. and capacity of the large pump is 40 l/min. at 3000 rpm/min. Wheel motors are marked: "White" with transport speed = 20 km/h
<b>Servicing and maintenance</b>	Daily maintenance without dismantling attachments
<b>EU approval</b>	TÜV certified in the whole of Europe, ensures fast registration. Number plates are immediately sent when the standard certification is delivered to local transport licensing registration authorities
<b>Heating</b>	Supplied via eight turnable diffusers (as AC)
<b>Lights</b>	EU standard driving lights plus two extra lights positioned high on the front (ideal for snow sweeping) and an extra light on the back
<b>Extra equipment</b>	
<b>Air condition (AC)</b>	AC can be installed without having to modify the machine's dimensions. Shared between eight adjustable diffusers, the AC ensures pleasant cab conditions. The machine's height stays less than two metres and can still easily be stored in garages or go into underground parking areas
<b>Seat</b>	Seat with mechanical or pneumatic suspension, fabric or nappa, armrest
<b>Radio with cd</b>	
<b>Colour</b>	Experiment with and choose your own colour at <a href="http://www.nilfisk-outdoor.co.uk">www.nilfisk-outdoor.co.uk</a> , Fun with colours
<b>Top filter</b>	Equip your City Ranger 2250 with the top filter when mowing the grass – protects the radiator grilles
<b>Reversing alarm</b>	
<b>Rear view camera</b>	

## Dimensions City Ranger 2250

Length	2,400 mm
Width	1,070 mm
Height with cab	1,960 mm
Height without cab / with roll bar ROPS	2,000 mm

## Technical specifications:

Weight with cab	970 kg
Weight without cab / with roll bar ROPS	910 kg
Permitted total weight	1,610 kg
Trailer without brakes – permitted trailer weight	max. 750 kg
Permitted combined weight – trailer without brakes	max. 2,050 kg
Trailer with brakes – permitted trailer weight	max. 1,500 kg
Permitted combined weight – trailer with brakes	max. 2,500 kg
Allowed axle load, front	790 kg
Allowed axle load, rear	820 kg
Tyre size	20 x 10 - 10 / 20"
Tyre pressure	24 psi
Wheel pressure on surface	1.5 kg/cm <sup>2</sup>
Turning circle radius inside/outside	600/1,640 mm
Max. speed	20 km/h
Noise level	
-in accordance with EEC-norm 2009/63 – Passing	77 dB(A)
-in accordance with 2009/76/EF – Operator's seat	81 dB(A)
Noise level surroundings	
-in accordance with ISO 3746, 1995 – dome measurement	104 LwA

## Motor:

Model	Perkins diesel 404D-15
EU-norm	Stage IIIA
Motor output at 3000 rpm - ECE R24	35 HK /26,5 KW

## Fuel consumption:

- in accordance with prEN 15429-2	4.8 L/h
Cylinders	4
Tank capacity	38 L
Lubrication system	Pressure lubrication system with filter
Oil type	SW/40 API CF, CF-4, CG-4, CH-4
Oil capacity	4.6 L
Air filter	Dry element
Cooling system	Water-cooled
Heat indication	112 °
Starter system	Electric start with hot tube
Charging system	VDC-Generator
Charging capacity	65 A
Battery	12 V/74 AH

## Brakes:

Service brake	Drum brakes, both front wheels
Emergency brake	Hydrostatic
Parking brake	Drum brakes, both front wheels

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