

Norcar a72



Strength and capacity

Superior strength, ground clearance, and capacity is found in the a-series' largest loaders, the a72 and the a75. Norcar a72 has high specifications already as standard. A four-cylinder diesel engine and dual working hydraulic pumps prepares the machine well for work with tools requiring high hydraulic pressure. Several functions can be used simultaneously without affecting each other, making work more efficient.

The lifting boom can be extended 750mm telescopically, giving a lifting height beyond compare. With a tipping load of 1500kg on a pallet, it is one of the market's strongest loaders in its weight class.



Engine

Make	Kubota
Model	1505
Cylinders	4
Fuel type	Diesel
Cylinder volume cm ³	1498
Cooling system	Fluid

Power

SAE, gross power kW/hp	27/37
Max gross torque Nm	98
At engine speed r/min	2200
Max engine speed without load r/min	3000

Electrical systems

Battery V-Ah	12 - 53
Generator A	40

Service volumes

Cooling system l	6
Engine oil l	5
Fuel tank l	20
Hydraulic tank l	45
Hydraulic system total volume l	50

Performance

Lifting power hydraulic kg	2100
Breakout force 50cm kg	1500
Tipping load, straight kg	1500
Tipping load, articulated kg	900
Operating weight kg	1790
Drive speed low km/h	0-9
Drive speed high km/h	0-20
Pulling force high kg	1400
Pulling force low kg	700

Hydraulic system

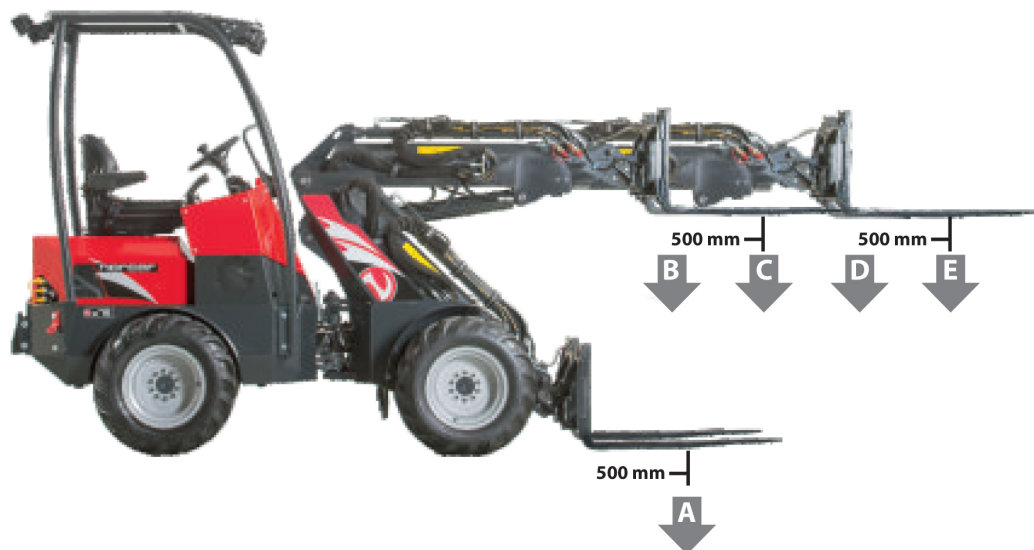
Working hydraulics l/min	(24+33) 57
Engine speed rpm	3000
System pressure bar	240
Drivetrain hydraulics l/min	84
Drivetrain max system pressure bar	350

Cycle times

Raising boom s	4,2
Lowering boom s	2,6
Folding in bucket s	2,9
Tipping bucket s	2,2
Steering wheel rotations L/R rev	4/5

Tires

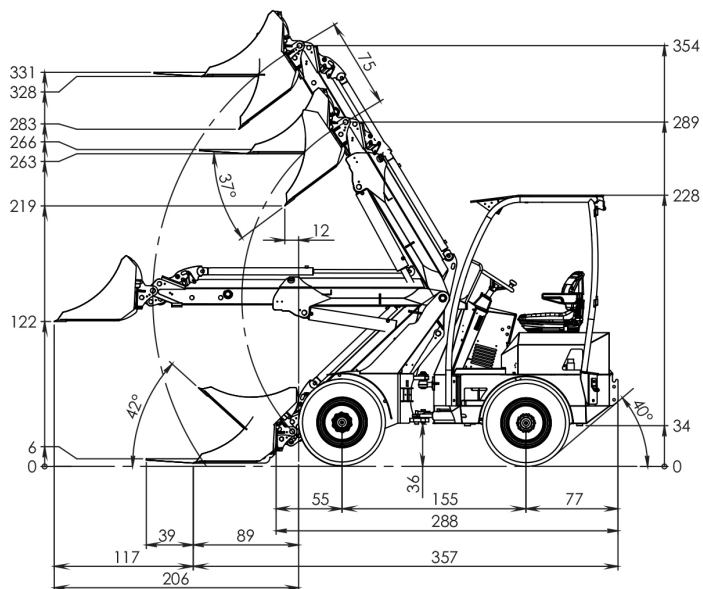
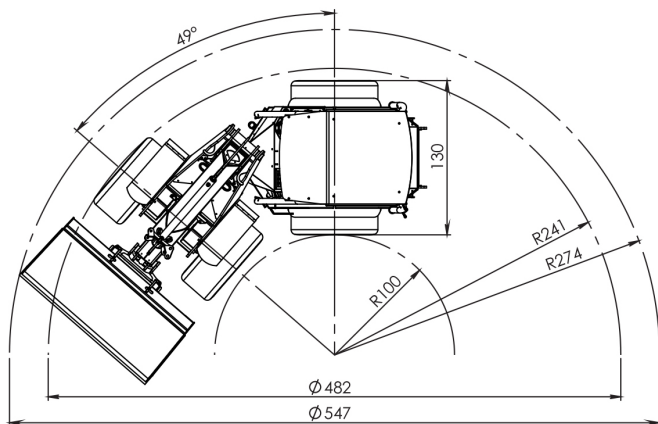
Dimension	320/55-15 TR
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Standard machine

+extra counter weights 270 kg

Tipping load with pallet forks	Straight	Articulated	Straight	Articulated
A. Transport position kg	1170	940	1500	1360
B. Boom horizontal kg	1500	1025	1670	1450
C. Boom horizontal kg	1010	700	1500	1050
D. Boom horizontal + extension kg	745	540	1070	760
E. Boom horizontal + extension kg	675	450	930	630



Standard Equipment a72

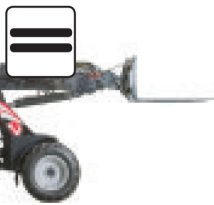
Roll bar ROPS, seatbelt
Working lights, front
Electrically maneuvered parking brake/safety system
Float on the lifting boom
Hand throttle/Foot throttle
Engine speed and hour meter, engine heat and fuel level gauges
Suspension seat with armrest
Adjustable steering column



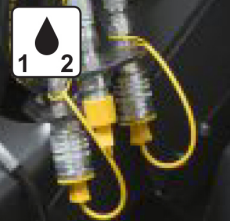
Extension Boom
600 mm telescope gives good lifting height and reach. Electronically controlled with lifting boom's joystick.



Traction control
Provides better traction on slippery or uneven surfaces. Traction is guaranteed on the same side wheels.



Parallel leveller
Keeps equipment in the set position regardless of the boom's movements. Increases safety and precision during lifts, especially with pallet forks.



Hydraulic Outlet, front
Electrically operated double acting hydraulic outlets, front (1 and 2) and free return (3). Controls hydraulic tools directly with joystick buttons. Mode for continuous operation and free return useful for eg. lawn mowers. Hydraulic oil flow max 57/min.



Load Warning System
Load warning provides a good overview of load weight and warns of the risk of tipping. The load warning can easily be calibrated to different counter weight alternatives.



320/55-15 TR
Tractor patterned tire. Provides good traction and is suitable for softer surfaces such as soil, sand, and gravel. Tread pattern is designed to keep the tire clean while driving on wet surfaces. Machine width 127 cm.



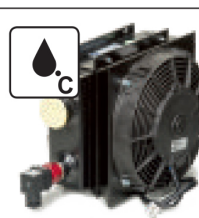
Two Speed Ranges
Change between pulling force and speed.
Low gear: 0-9km/h, pulling force 1400kg
High gear: 0-20km/h, pulling force 700kg



High Capacity Hydraulics
Dual working hydraulic pumps provide selectable flow (24/57 l/min) for hydraulic outlets. Telescope extension boom and external hydraulics work independently of each other, regardless of the boom's movements.



Hydraulic Outlet, rear
Single acting hydraulic outlet (R1) and free return (R3). Controls hydraulic attachments directly with joystick buttons. Rear hydraulic outlets should not be connected at the same time as hydraulic outlet, front. Hydraulic oil flow max 57 l/min.



Hydraulic Oil Cooler
Maintains hydraulic oil's temperature at correct level while operating tools that require high oil flow during long driving periods.



Additional Equipment a72

Driving options



Full traction control
Provides continuous traction on all wheels, regardless of terrain.

7004567



Oscillation lock
Locks the loader's pendular movement in the joint. Can be used during eg. leveling tasks when the tool needs to be parallel to the rear wheels.

7004619

Tires



Tire 320/55-15 GR
Densely patterned tire. Soft tire that is gentle to surfaces and grips well. Suitable for work on grass, gravel paths, and roads. The tire is also good on snow and ice. Machine width 127 cm.

7004565



Tire 27 x 8,5 - 12 IN
Durable multi-purpose tire that can withstand heavy loads. Suitable for work on harder surfaces such as asphalt, concrete, and hard packed gravel. Machine width 105 cm.

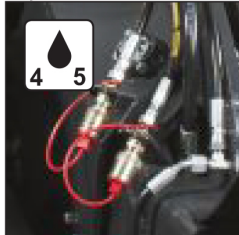
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Tire 320/60-12 TR
Durable, tractor patterned tire that can withstand heavy loads. Suitable for work on hard surfaces but also gives good traction on soft ground. Machine width 127 cm.

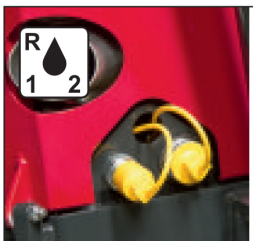
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Hydraulics



Extra Hydraulic Outlet, front
Electrically operated double-acting hydraulic outlets (4 and 5). Provides the ability to control several hydraulic functions on attachments directly with buttons on the joystick. Hydraulic oil flow max 24 l/min.

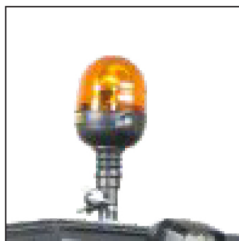
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Hydraulic Outlet, rear
Double acting hydraulic outlet (R1)(R2) and free return (R3). Controls hydraulic attachments directly with joystick buttons. Rear hydraulic outlets should not be connected at the same time as hydraulic outlet, front. Hydraulic oil flow max 57 l/min.

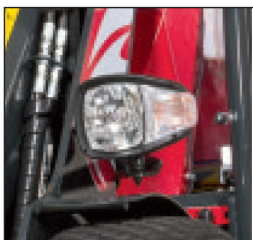
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Traffic



Beacon Light
Warns surroundings of working vehicle. Rear working lights included.

7004576



Traffic Equipment
Lights and equipment necessary for driving on public roads. Inspection and registration is required for driving on public roads and can vary between countries. Consult your dealer for advice regarding inspection in your region.

7004578



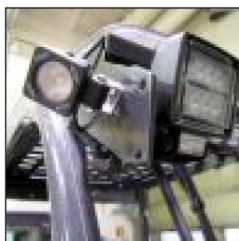
Rear View Mirrors
Rear view mirrors mounted on each side of the loader provide a comfortable and secure drive.

7004582



Rear Working Lights
Effective lighting, mounted at the back of the protective cage.

7004584



LED work lighting
Work lighting with efficient LEDs. The lighting package contains seven LED fixture mounted forward, back and on the sides of the top of the roll bar, and a fixture attached to the front end to provide effective lighting for the attachment.

7006038

Additional Accessories



Seat Rotation
The seat can easily be rotated when working with equipment mounted at the back of the machine. eg. backhoe.



Seat Heater
Heat in the seat's sitting part increases comfort when driving in cold weather.



Additional Equipment a72

Additional Accessories



FOPS Protective Roof

Steel roof that protects the operator from falling objects. Recommended for rental machines and is often mandatory on construction sites.

7004601



Engine Pre-heater

Improves starting ability and decreases wear during cold starts. Recommended plug-in time 30 min.

7004574



Generator 60A

A more effective generator for machines with high power consumption. Recommended for machines with traffic equipment and cab with heat.

7004621



Hitch Combo

Hitch with standard 50 mm ball combined with pin for trailer towing eye. Mounting Plate 7004609 needed for installation.

7004613



Mounting Plate for Counter Weight and Hitch Bracket

Mounting plate for attaching hitch, along with space for 4 x 45 kg extra weights.

7004609



Hitch

Hitch with standard 50 mm ball. Mounting Plate 7004609 needed for installation.

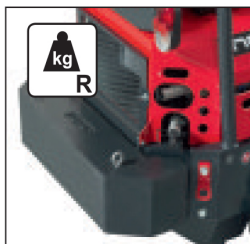
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Counter Weight 45 kg

Increases the machine's stability during handling of heavy loads. Easily installed without tools on Mounting Plate 7004609. Max 4x (180kg).

7004615



Counter Weight 205 kg

Compact counter weight, attached and secured with bolts. Lifting lugs for easy mounting. The weights cannot be used together with other rear mounted equipment.

7004617



Bottom Armour

Steel plate mounted below the engine and front frame, protects the machine when working in difficult terrain.

7004607



Hydraulic Quick Lock

Change attachments quickly and easily without leaving the driver's seat.

7004569





Equip your A-series mini loader with more comfort. Options include a windscreen, light cab with full body protection, or full cab with roof. Learn more about options on pp.37 and 38.

