

SKID LOADERS

330 KG

AS12



AS12

COMFORT AND QUICK MAINTENANCE

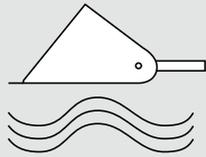
The smallest, most compact, silent, productive and easy to service wheeled skid loader. With an operating weight of 1330 kg, the machine reaches an operating load of 330 kg and delivers breakout force of 750 kgf.

Height at bucket
pin 2540 mm



The “blowing” fan cools
the engine compartment and
reduces heat transmission
to driver’s seat

No efforts during cab tilting
thanks to two powerful jacks



FLOAT FUNCTION

During reverse travel levelling, the standard float function frees the arms, and hence the bucket, to float over the profile of the terrain, so that the operator can concentrate entirely on driving.

The bucket pivot height of 2540 mm is excellent and the increased bucket return angle of up to 34° prevents loss of material during travel.

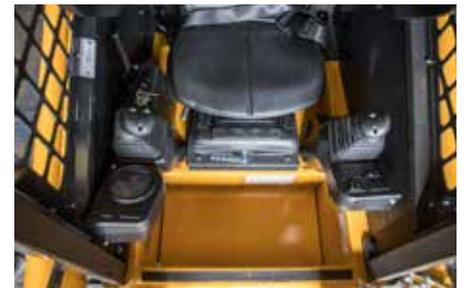
QUICK, EASY AND SAFE MAINTENANCE

The machine is designed to be easy to service with minimal downtime: the rear hatch opens to 90° for comfortable access to both sides of the engine and oil tank. Two powerful jacks eliminate all effort in quickly tilting the cab out of the way for simplified access to the hydraulic pumps, motors, valves and fluid lines. Daily service points, such as remote discharges, filters and the battery, are always easy to access. The fuses are coloured and numbered and easy to access for identification.



ENGINE

The YANMAR 3TNV76 1116 cc engine, with its low engine speed, offers reduced consumption and wear, and a total lack of vibration, thus providing unbeatable performance in even the most challenging conditions. The TNV series complies with current regulations on polluting emissions.



UNBEATABLE COMFORT

Major structural features: servo-assisted hydraulic grippers, large platform without pedals and hatch for quick cleaning, low noise due to the extensive soundproofing panels, blower fan to reduce the transmission of vibrations and heat to the operator position, safety armrest.

The cab is clad throughout with soundproofing panels. The cab can be equipped on request with heating and full glass panel closure.

EASY OPERATION

A comfortable and spacious interior, with clearance of up to 73 cm for legs, shoulders and head, makes for high productivity and reduced fatigue. The adjustable seat and easy to operate controls ensure unbeatable comfort over long working days.



The bigger bucket rollback avoids material waste during transportation



EASY TRANSMISSION CHAIN TENSIONING

The new external access hatch makes it quick and easy to check the chain tension. The screw tensioners and the half-axle mounting, which uses slots rather than round holes, simplifies tension adjustments. Fitting snow chains is made easy by the clearance between the wheels and the chassis.



FLAT FACE QUICK COUPLERS

The AS12 can mount optional accessories for working in all situations, open areas or in narrow spaces: various types of buckets, snowplow blade and sweeper with bucket, pallet fork, hydraulic breaker and others. Attachments are easy to fit and replaced thanks to the universal Multi-Tach system. Attachments are completely visible to the operator, without any obstacles to cab access. The flat face quick couplers are easier to clean than concave couplers, and prevent contaminating the hydraulics.



TOTAL RELIABILITY

In-line transmission, engine compartment fan preventing the radiators blocking, modular fluid lines, protected lights and exhaust pipe-everything assure total reliability. Narrow wheels can be fitted to facilitate passing through gaps as tight as 1 m. The hydraulic parking brake, which engages automatically when the engine is switched off, can also be engaged manually with the engine running. An optional system for bucket self-levelling during lifting is available.



CLOSED
CABIN
OPTIONAL



TECHNICAL DATA

| | |
|-------------------------------------|------------------------------|
| Engine | Yanmar 3TNV76 |
| N° cylinders and total displacement | 3 / 1116 cc direct injection |
| Engine rated power | 15.6 kW / 2500 rpm |
| Operating Weight | 1368 kg |
| Weight on delivery with bucket | 1288 kg |
| Operating load | 360 kg |
| Tipover load | 720 kg |
| Breakout force | 7.35 kN |
| Standard bucket | 1130 mm |
| Bucket capacity | 0.18 m ³ |

features

AS12

| GENERAL PERFORMANCE | |
|---|--|
| Operating weight | 1368 kg |
| Weight when delivered with the bucket | 1288 kg |
| Operating load | 360 kg |
| Tipping load | 720 kg |
| Bucket cylinders breakout force | 7.35 kN |
| ENGINE | |
| Engine manufacturer | Yanmar |
| Model | 3TNV76 |
| No. of cylinders and engine size | 3 / 1116 cc direct injection |
| Horsepower | 15.6 kW / 2500 rpm |
| Maximum torque | 69.4 Nm / 1800 rpm |
| Battery | 12V 480 CCA 62 Ah |
| Fuel consumption (100% - 70% horsepower) | 5.0 L / h - 3.5 L / h |
| Air Cooling / Supply | water / aspirated |
| HYDRAULIC SYSTEM | |
| Maximum auxiliary system capacity | 35 L / min |
| Maximum hydraulic pressure of the circuit | 180 bar |
| Maximum H.F. system capacity | - |
| Max. H.F. system pressure | - |
| Maximum travel speed | 0-7.0 km / h |
| BUCKET PERFORMANCE | |
| Standard bucket | 1130 mm |
| Full bucket capacity | 0.18 m ³ / - |
| CAPACITY | |
| engine oil | 2.9 L |
| Chain oil (for tank) | 3.5 L |
| Cooling system | 3.5 L |
| Fuel tank capacity | 20 L |
| Hydraulic tank capacity | 28 L |
| OTHER DATA | |
| Sound power level (outside) | 97 dB |
| ROPS structure | compliant with standard EN 3471 |
| FOPS structure | compliant with standard EN 3449 Lev. I |

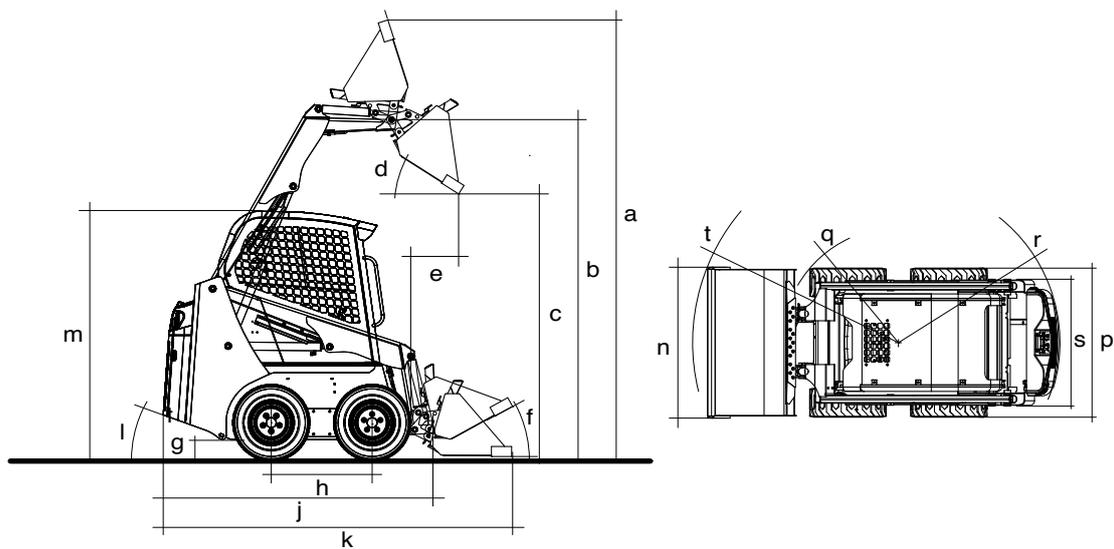


equipment

AS12

| FRAME | |
|--|---|
| Rear security door | std |
| Set-up of 4 lifting and anchoring points for transport | std |
| Mechanical locking device of the lifting arm | std |
| Tyres / Belts | std 23-8.50 x 12 opt 5.70 x 12 opt 23-8.50 x 12 |
| Semi-pneumatic wheels | opt 23-8.50 x 12 |
| ENGINE | |
| Air filter with double filtrating element and clogging electrical indicator | std |
| Buzzer and reverse alarm | std |
| 12V battery / fuse box | |
| HYDRAULIC SYSTEM | |
| Brakes and transmission locking system | std |
| Pilot-operated hydrostatic transmission | std |
| Negative hydraulic parking brake on both traction engines | std |
| Oil filter with clogging indicator | std |
| Arm "float" function | std |
| Aux. hydraulic system Two-way | std |
| Aux. hydraulic system HF | - |
| Dual advance speed | - |
| Self-levelling system of accessories during arm lifting | opt |
| Arm "ride control" function | - |
| Road circulation validation kit | opt |
| CAB SPACE | |
| Tipping cab compliance with standard CE ROPS-FOPS Level I | std |
| Front cab-door glass closing kit with wipers and washing system | opt |
| Heating system kit / air conditioning kit | opt |
| Internal ceiling light fixture | std |
| Rear, removable window for safety exit | std |
| Handles for ascent | std |
| Auxiliary 12V outlet | std |
| DRIVER'S SEAT | |
| Safety bar with arm support | std |
| Adjustable spring seat | std |
| Adjustable, self-winding seat belt. | - |
| Pilot-operated hydraulic joystick controls | std |
| Accelerator control | manual |
| Removable cover to clean the floor | std |
| INSTRUMENTS AND CONTROL | |
| Indicators: fuel level-engine water temperature | std |
| Hour counter | std |
| Key ignition | std |
| Warning lights: engine cooling liquid temperature - hydraulic oil temperature engine oil pressure - battery charger - glow plugs | std |
| Air filter clogging control warning light | - |
| Hydraulic oil filter clogging control warning light | std |
| Parking brake engagement switch / float engagement | std |
| Front and rear working light switch | std |
| Rear windscreen wiper switch | - |
| ACCESSORIES | |
| Accessories self-levelling kit (ascent) | opt |
| Pallet fork | opt |
| Industrial sweeper | opt |
| 4-in-1 dosing blade | |
| Adjustable blade | opt |
| Snowplough blade | - |
| Bucket volume | - |
| Crushing bucket | - |
| Grippers | - |
| Crushing head | - |
| Agricultural fork | - |
| Asphalt milling cutter | - |

AS12

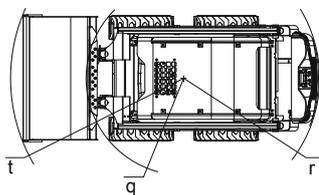
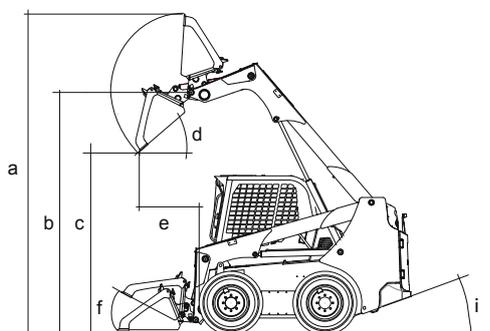


DIMENSIONS (mm)

| | | | | | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| a | b | c | d | e | f | g | h | j | k | l | m | n | p | q | r | s | t |
| 3300 | 2540 | 1997 | 31° | 360 | 34° | 160 | 755 | 2007 | 2596 | 27° | 1877 | 960-1130 | 950-1116 | 800 | 1190 | 785-900 | 1530 |

working range

the drawing is generic and purely for illustrative purposes



AS12

| | | |
|----------|---|---------|
| A | Maximum operating height with the bucket completely lifted | 3300 mm |
| B | Maximum height of the pin with the bucket completely lifted | 2540 mm |
| C | Unloading height | 1997 mm |
| D | Maximum height unloading angle | 31° |
| E | Arm unloading with the bucket at maximum height | 360 mm |
| F | Rollback angle of the bucket on the ground | 34° |
| I | Rear departure angle | 27° |
| Q | Front clearance radius | 800 mm |
| R | Rear clearance radius | 1190 mm |
| T | Front clearance radius with bucket | 1530 mm |



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