





Operating weight	
Engine	
Digging force (arm)	
Digging force (bucket)	

2560 kg (canopy) / 2665 kg (cabin)

3TNV76-NBVA1

14.5 kN / 14.7 kN (long arm)

24.5 kN

ASIMPLE AND EFFECTIVE TOOL FOR DAILY SITE OPERATIONS





COMPACTNESS

Inventor of the ViO concept, Yanmar has unequalled experience in developing Zero Tail Swing mini-excavators. The ViO26-6 is a true Zero Tail Swing mini-excavator machine that allows safe rotation of the upper frame.



EASE OF TRANSPORT

Its transport weight of just 2590 kg (cabin version) enables the ViO26-6 to be transported with its accessories on a trailer.



YANMAR ENGINE

Latest version of Yanmar TNV engines: 3-cylinder electronic control and direct injection engine built for best performance, reduced fuel consumption and lower emissions.



QUALITY OF COMPONENTS

Components selected for their excellent quality and reliability. Design and performance of the components offer long service life to the ViO26-6.



"FLOW SHARING" HYDRAULIC SYSTEM

Made up of a variable-flow piston pump and a load signalling and flow sharing distributor, it performs the movement combinations required by the operator.



ACCESSIBILITY

5 covers or openings that allow easy access to the components for maintenance. For fast and practical inspections or daily maintenance



CABIN

New driving station: more leg space, "Universal Design", new instrumentation, better ergonomics and significant noise reduction.



SIMPLICITY OF USE

Due to their ideal placement, the control levers allow movements to be performed with exceptional precision. An auto-deceleration function is available as an option.



HIGH PERFORMANCE

Improved components of the power line: (engine, hydraulic pump, distributor) hence no compromise between power and compactness.

UNEQUALLED



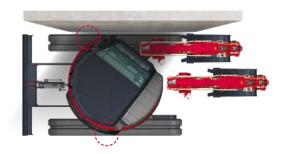
ViO26-6 allows the Yanmar operators to work with peace of mind, especially in urban environments where the space is very restricted.



ADVANTAGE OF THE VIO CONCEPT

Neither the counterweight nor the front part of the frame exceeds the width of the crawlers. Since its front part is designed not to exceed, the ViO26-6 has a very small radius of rotation.

- Greater safety both for the operator and the workers in the nearby environment: primordial on sites.
- + Dead angle reduced to the minimum: optimal visibility all around the machine.



EASE OF TRANSPORT

Its transport weight of just 2590 kg and high very compact lower frame allow the ViO26 to be easily transported with its accessories on a truck as also on a trailer whose allowed total transportation weight should not exceed 3.5t.

COMFORT







360° VISIBILITY

The design of the ViO26-6 offers the operator an ergonomic environment, excellent visibility and exceptional safety. The cabin shape offers the operator an optimum 360° visibility to enhance onsite safety and improve efficiency. The ViO26-6 is equipped with two rearview mirrors that allow the operator to control the working area without moving from his seat.



All design-related decisions have been taken by Yanmar, keeping the operator at the centre of its focus. Yanmar has developed the "Universal Design" concept to improve your comfort and productivity. By offering more legroom, this design improves operator comfort and safety. The controls and joysticks are placed ergonomically so that they are easily accessible.

COMFORTABLE SEAT

The ViO26-6 is equipped as standard with a comfortable and ergonomic suspension seat with adjustable controls.

PERFORMANCE



IMPROVED POWER LINE NEW GENERATION ELECTRONICALLY CONTROLLED YANMAR MOTOR

With an output of 15.8 kW at 2500 rpm, Yanmar's 3TNV76-NBVA1 engine is the result of our continuous efforts to achieve technological advances in fuel consumption and emissions. An improved fuel injection system reduces emissions and noise.

 An auto-deceleration system, which lowers the engine speed to idle when the machine has not been used for more than 4 seconds, and then automatically re-accelerates as soon as necessary, further reduces fuel consumption.

LOAD SENSING — FLOW SHARING HYDRAULIC SYSTEM

The ViO26-6 is equipped with a "Flow Sharing" hydraulic system comprising a variable-flow piston pump (with maximum flow rate of 75 l/min) and a load signalling and flow sharing distributor. Each section of the distributor has a pressure balance that delivers flow proportional to the operator's demand and the available instantaneous flow: when several movements together require the instantaneous flow in excess of what is available, each movement is reduced in the same ratio. The requested movement combination is thus ensured.

STANDARD 3RD CIRCUIT

An auxiliary line with on/off control allows a large number of accessories to be used, such as a breaker or an auger. Options such as proportional control of the 3rd circuit and installation of a potentiometer are available for greater usage flexibility and increased versatility of the machine.

NO COMPROMISE ON PERFORMANCE EXCELLENT EXCAVATION FORCES

The ViO26-6 offers exceptional performance for a machine in its class. Its digging depth of 2490 mm* and its digging forces (bucket) of 24.5 kN and digging forces (arm) of 14.5 kN allow it to work quickly and efficiently even under the most severe conditions.

STABILITY

The 1500 mm width of its undercarriage, the use of a large counterweight and excellent weight distribution offer same or even greater stability than that of conventional machines of the same weight class, as well as great lifting capacities.

*with long arm.





SAFETY

The cabin structure of the ViO26-6 has been designed to comply with the ROPS certification requirements (Roll Over Protective Structure) and with level 1 of the FOPS certification (Falling Object Protective Structure).

The ViO26-6 gets unique and complete protection of its boom and arm cylinders. All cylinder tubes and rods are protected by a highly elastic steel plate which significantly reduces the TCO of the machine.



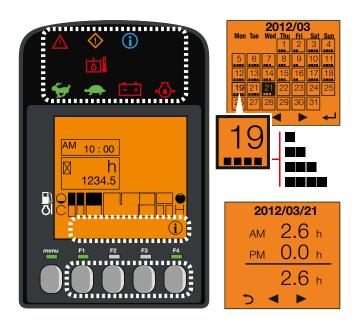
DIGITAL INTERFACE

The ViO26-6 is equipped with a digital interface which informs the operator in real time about the status of his machine. Perfectly integrated into the right-hand console, the 3.3 screen provides excellent visibility. The interface provides the customer with useful information through LED lamps, or indications about important parameters like fuel consumption, fuel gauge, coolant temperature gauge, etc. The interface assists the customer for maintenance intervals and to program such service intervals.

Finally, it also works as a diagnostic tool. In case of malfunction an error code and an information icon are displayed on the screen.

LED LIGHTING: EFFICIENCY AND LOW CONSUMPTION

To ensure safe, efficient and accurate operation in the dark, the ViO26-6 is equipped as standard with a LED lamp located on the inside of the boom. LED technology offers powerful lighting while reducing energy consumption, which extends battery life. It is possible to add two LED lamps to the front of the cabin as an option, as well as a rotating beacon and an additional rear LED light.



MAINTENANCE

EASE OF ACCESS

Daily maintenance should be easy to perform. The engine cover and the side cover have wide openings. This offers access to all main components: air filter, compressor, radiator, fuel filling pump, battery, fuel tank, oil tank alternator of the hydraulic circuit, engine oil dipstick, water separator, coolant level, etc. A floor mat also helps in the cleaning process.



EQUIPMENT

[STANDARD EQUIPMENT]

PERFORMANCE

3TNV76-NBVA1 Yanmar diesel | Direct Injection | Hydraulic system: Load Sensing Flow Sharing | 3rd on/off hydraulic circuit line to arm end.

COMFORT AND EASE OF USE

LCD interface | Standard mechanical suspension seat, adjustable, vinyl coat (canopy) or textile coat (cabin), high backrest | Armrests | Foot rests | Switch on blade lever for travelling speed change | Windshield with 2 fully retractable parts | Sliding double right-side window | Transparent upper front part | Wiper | Windshield washer | Automatic ceiling lamp | 1 x 12V outlet.

SAFETY AND DURABILITY

Handrails | Safety lever | Seat belt | Evacuation hammer | Anchor points | 3 mirrors | Blade cylinder supply hose into two parts | 1 LED light integrated into the boom | Battery switch by quick connector | Complete protection of the cylinders (boom, arm and blade) | Hoses protected by abrasion resistant sleeves | Lockable covers.

MISCELLANEOUS

Fuel gauge | Toolbox | Toolkit | Grease pump.

[OPTIONAL] PERFORMANCE

Steel crawlers 250mm | Long arm (+250mm) | Additional counterweight (+100 kg) | Proportional 3rd circuit | Proportional 3rd circuit with potentiometer | Quick hitch line 160-200 bar | Clamshell bucket circuit | Auto idle | Push pull hydraulic quick connectors | Central greasing.

COMFORT AND EASE OF USE

Improved ergonomic suspension seat with adjustment levers, high backrest and retractable seat belt (PVC or fabric) | Seat cover | Radio (only cabin version) | Travel pedals.

SECURITY AND DURABILITY

Safety valves for lifting + overload warning device | Anti-theft device (key/keyboard) | GPS Tracking | Travel alarm | 2 front LED working lights on the cabin | Battery cut-off | 1 rear LED work light + 1 LED flashing rotary fixed on cabin | Beacon light with magnetic base | Flashing rotary.

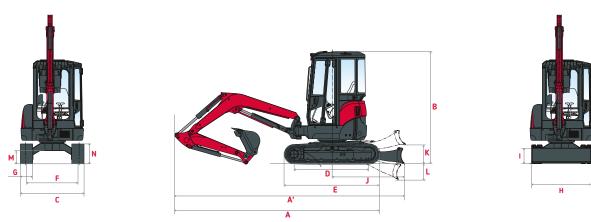
MISCELLANEOUS

Biodegradable oil | Documentation box.

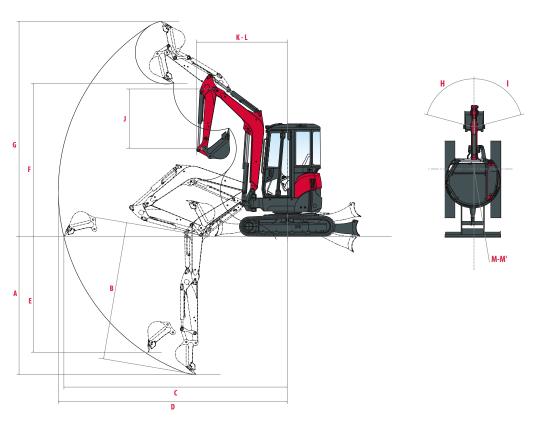
[ATTACHMENTS]

Yanmar gives you the attachment that fit your needs and match the safety standards in force in your country: mechanical quick coupler, hydraulic quick coupler, ditching bucket, tilt bucket, backhoe bucket, hydraulic breaker...

DIMENSIONS



Α	Overall length	4 110/4 120* mm	Н	Overall blade width	1 500 mm
A'	Overall length with blade at the back	4 490/4 500* mm	1	Overall blade height	288 mm
В	Overall height	2 530 mm	J	Blade distance	1 390 mm
C	Overall width	1 500 mm	K	Max. blade height above the ground	280 mm
D	Length of track on ground	1 587 mm	L	Max. lowering blade depth	350 mm
Ε	Undercarriage length	2 040 mm	M	Minimum ground clearance	320 mm
F	Lane	1 250 mm	N	Ground clearance under counterweight	525 mm
G	Track width	250 mm			

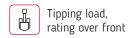


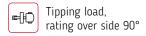
A Max. digging depth - Blade lifted	2 490/2 740* mm H Boom swinging base to left 47°
B Max. digging depth - Blade lowered	2 690/2 940* mm Boom swinging base to right 74°
C Max. digging reach on ground	4 340/4 590* mm J Arm length 1 150/1 400* mm
D Max. digging reach	4 460/4 700* mm K Minimum front swing radius 1 950/1 990* mm
E Max. vertical wall	1 150/1 290* mm L Minimum front swing radius with boom swing 1 650/1 680* mm
F Max. dumping height	2 830/2 990* mm M Rear swing radius 750/825** mm
G Max. cutting height	3 990/4 140* mm

*With long arm / ** with additional counterweight.

LIFTING FORCE







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1,5 III	3810	295/285	515'/365 530'/345	330/320	525 ⁻ /405 550 ⁻ /395	425/415 420/405	660'/500'	570/655 535/515	800'/660	760/745	1035/890	280/265	515 ⁷ /340 530 ⁷ /325	325/315	550'/370	405/390 395/385	550'/550'	505/490	799'/625	715/705	1035'/840
0,5 m	3780	290/280	545'/345	325/315	590'/390	400/390	700'/485	520/515	910'/630	700/680	1270'/870	280/265	5457/325	305/295	590'/370	375/365	700'/460	485/490	9107/590	660/640	1270'/820
0 m	3650	295/290	555'/355	315/305	605`/380	390/380	740 /470	510/490	9357/620	685/660	1245 /835	285/270	5557/335	300/290	5057355	365/355	740 /445	480/465	9357/580	640/625	1245 / 790
0,5 m	3450	325/310	550'/390	-		380/370	700'/460	500/480	935'/610	705/670	1220'/830	305/295	550'/365		<u></u>	355/345	700'/435	470/455	9357570	•	1220'/855
-1 m 1,5 m	3120 2610	380/380 470/465	580 ⁻ /450 565 ⁻ /565 ⁻		<u>-</u>	420/410	6057/490	530/530	825 ⁻ /640 585 ⁻ /585 ⁻	730/730	1090'/880	360/360 440/440	580 ⁻ /425 565 ⁻ /565 ⁻	<u>-</u>	<u>-</u>	400/385	6057465	500/505 470/475	825 ⁻ /605 585 ⁻ /585 ⁻	690/690 620/605	1090'/835
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2 m	3870	290/280	445'/340	350/340	445 /270	380/380	420'/420'	-	-	<u>.</u>	<u>.</u>	275/265	4457/320	330/325	445'/350	420'/420'	420'/420'	-	-		-
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0 m	3910	255/255	490'/285	310/300	585^/350	390/370	730'/470	500/485	910'/615	685/660	11757/835	250/240	490'/270	295/280	585'/330	365/355	730'/445	470/455	9107/580	640/625	1174'/790
0,5 m	3720	280/270	500'/320	300/290	555^/370	380/370	695*/450	475/465	900'/590	660/640	11557/805	265/255	500'/300	285/275	5557/345	365/345	6957/430	445/435	9007/555	615/600	1155'/760
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3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0 m 0,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120	485/485 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420	485/485 485/485 485/485 485/430 515/400 530/380 545/380 555/395 550/430	3,5 =(1-) 395/380 385/375 370/355 365/355 355/345	485/450 525/445 550/440 590/435 605/425	Blade 3 3 ≪(1) 485′485′ 465′465′ 490′490′ 475′460 465/450 450′435 440′420 425′415 470′455	485/485 465/465 490/490 550/550 700/535 740/525 700/515 605/545	2,5 520/520' 630/655' 595/570 580/570 575/550 560/540 595/590	520/520' 655/655' 800/725 910'/690 935'/685 935'/675 825/710	815/815' 840/820 785/755 755/745 795/755 820/810	815/815 1035/975 1270/960 1245/930 1220/925	485/485 395/385 350/335 320/315 310/300 310/300 320/305 340/330 400/400	485/485' 485/485' 485/410 515/375 530/360 545/360 555/370 550/405 580/470	3,5 =(+) 375/360 365/355 350/340 345/335 335/325	485/430 525/420 550/415 590/410	485/485' 485/485' 465/465' 490/490' 450/435 445/430 425/410 415/400 405/390 450/435	/ Bladd m 485/485 465/465 490/490 550/550 600/525 700/510 740/495 700/490	2,5 =10 520/520 600/600 565/545 545/545 545/525 530/515 565/560	50 m - 5207/520' 6557/655' 8007/690 9107/655 9357/645 9357/640	2 ■10 - 815/815' 800/780 745/715 730/705 755/715 780/770	815/815' 1035/930 1270/910 1245/885 1220/955 1090/930
3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0 m 0,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120	485/485 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420	485/485 485/485 485/485 485/430 515/400 530/380 545/380 555/395 550/430 580/495	3,5 =(1-) 395/380 385/375 370/355 365/355 355/345	5 m	Blade :	485/485 465/465 490/490 550/550 700/535 740/525 700/515 605/545	2,5 520/520' 630/655' 595/570 580/570 575/550 560/540 595/590	520/520' 655/655' 800/725 910'/690 935'/685 935'/675 825'/710 585'/585'	815/815' 840/820 785/755 755/745 795/755 820/810 750/725	815/815 1035/975 1270/960 1245/930 1220/925 1090/980	485/485' 395/385 350/335 320/315 310/300 310/300 320/305 340/330 400/400 490/485	485/485 485/485 485/410 515/375 530/360 545/360 555/370 550/405 580/470 565/565	3,€ □□ 375/360 365/355 350/340 345/335 335/325	485/430 525/420 550/415 590/410 -	485/485 485/485 465/465 490/490 450/435 445/430 425/410 415/400 405/390 450/435	/ Blade m 485/485' 465/465' 490/490' 550/550' 600/525 700/510 740/490 605/520	2,5 =10 520/520 600/600 565/545 545/545 545/525 530/515 565/560	50 m - 520/520' 655/655' 800/690 910/655 935/645 935/640 825/675	2 ■10 - 815/815' 800/780 745/715 730/705 755/715 780/770	815/815' 1035/930 1270/910 1245/885 1220/955 1090/930
3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0 m 0,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120	485/485 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420	485/485 485/485 485/486 485/430 515/400 530/380 545/380 555/395 550/430 580/495 565/565	3,£	485/450 50/4450 525/445 550/440 590/435 605/425	Blade: 3	485/485 465/465 490/490 550/550 700/535 740/525 700/515 605/545	2,5 □(1) - - 520/520' 630/655' 595/570 580/570 575/550 560/540 595/590 Lon	5 m - 520/520' 655/655' 800/725 910/690 935/685 935/675 825/710 585/585' g arm,	815/815' 840/820 785/755 755/745 795/755 820/810 750/725	815/815 1035/975 1270/960 1245/930 1220/925 1090/980 805/805	485/485' 395/385 350/335 320/315 310/300 310/300 320/305 340/330 400/400 490/485	485/485 485/485 485/410 515/375 530/360 545/360 555/370 550/405 580/470 565/565	3,5 □ - 375/360 365/355 360/340 345/335 335/325	5 m - - 485/430 525/420 550/415 590/410 605/400	## (##) ##	/ Blade m 485/485 465/465 490/490 550/550 600/525 700/610 740/495 700/490 605/520	2,5 =(1-) 5207/520' 600/600 565/545 545/545 545/525 530/515 565/560 535/530	520/520' 655/656' 800/690 910/655 935/645 935/640 825/675 586/585'	2 □ - □ - 815/815′ 800/780 745/715 730/705 755/715 780/770 710/685	815/815' 1035/930 1270/910 1245/885 1220/955 1090/930
3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0 m 0,5 m -1 m 1,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120	### (### 15/486) 485/485/485/485/490 365/355 335/330 325/315 325/310 330/320 360/345 425/420 520/515	485/485 485/485 485/486 485/430 515/400 530/380 545/380 555/395 550/430 580/495	3,5 =(1-0) 395/380 385/375 370/355 365/355 355/345 -	bund/ 5 m 	Blade :	485/485 465/465 490/490 550/550 700/535 740/525 700/515 605/545	2,€ □(□) 520/520' 630/655' 595/570 580/570 575/550 560/540 595/590 Lon	520/520' 655/655' 800/725 910/690 935/685 935/685 825/710 585/585' g arm,	815/815 840/820 785/755 755/745 795/755 820/810 750/725	815/815 1035/975 1270/960 1245/930 1220/925 1090/980 805/805	485/485 395/385 350/335 320/315 310/300 310/300 320/305 340/330 400/400 490/485	485/485 485/485 485/485 485/410 515/375 530/360 545/360 555/370 550/405 580/470 565/565 weight	3,€ □(10) 375/360 365/355 350/340 345/335 335/325 -	4857/430 5257/420 5507/415 5907/410 	485/485 485/485 465/465 490/490 450/435 445/430 425/410 405/390 450/435	/ Blade m 485/485 465/466 490/490 550/550 600/525 700/510 740/495 700/490 605/520	2,5 =(10) 520/520' 600/600 565/545 545/545 545/525 530/515 565/560 535/530	520/520' 655/655' 800/690 910/655 935/645 935/646 825/675 585/585'	2 =(1-0) 	815/815 1035/930 1270/910 1245/885 1220/955 1090/930 805/805
3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0 m 0,5 m -1 m 1,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	### (###) 485/485' 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420 520/515	485/485 485/485 485/485 485/485 5515/400 530/380 545/395 550/430 580/495 565/565	3,5 =(1-0) 395/380 385/375 370/355 365/355 355/345 -	485/450 50/4450 525/445 550/440 590/435 605/425	Blade: 3 □(1) 485/485' 485/465' 490'/490' 475/460 465/450 450/435 440/420 425/415 470/455 bin Blade: 3	485/485 465/465 490/490 550/550 700/535 740/525 700/515 605/545	2,€ □(□) 520/520' 630/655' 595/570 580/570 575/550 560/540 595/590 Lon	5 m - 520/520' 655/655' 800/725 910/690 935/685 935/675 825/710 585/585' g arm,	815/815' 840/820 785/755 755/745 795/756 820/810 750/725 additi	815/815 1035/975 1270/960 1245/930 1220/925 1090/980 805/805	485/485' 395/385 395/385 350/335 320/315 310/300 310/300 320/305 340/330 400/400 490/485	485/485 485/485 485/410 515/375 530/360 545/360 555/370 550/405 580/470 565/565	3,€ □(10) 375/360 365/355 350/340 345/335 335/325 -	5 m - - 485/430 525/420 550/415 590/410 605/400	## Pround 3 ## Pround ## Prou	/ Blade m 485/485 465/465 490/490 550/550 600/525 700/610 740/495 700/490 605/520	2,5 =(10) 520/520' 600/600 565/545 545/545 545/525 530/515 565/560 535/530	520/520' 655/656' 800/690 910/655 935/645 935/640 825/675 586/585'	2 =(1-0) 	815/815 1035/930 1270/910 1245/885 1220/955 1090/930
3 m 2,5 m 2 m 1,5 m 0,5 m 0,5 m 0,5 m -1 m 1,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	=(H) 485/485 415/400 365/355 335/330 325/315 325/315 330/320 360/345 425/420 520/515 M =(H)	485/485 485/485 485/485 485/430 515/400 530/380 555/395 550/430 580/495 565/565	3,5 ≈10 395/380 385/375 370/355 365/345 	5 m 485/450 525/445 550/440 605/425 	Blade: 3 ■□○ 4857/485 4657/465 4907/490 4757/460 4657/450 4507/435 4407/420 4257/415 4707/455 bin Blade: 3 ■□○	485/485 465/465 490/490 550/550 660/550 700/535 740/525 700/515 605/545	2,€ □□ 520/520 630/655 595/570 580/570 580/540 595/590 Lon ground 2,€ □□	520/520' 520/520' 655/655' 800/725 910/690 935/685 935/675 825/710 585/585' g arm,	815/815′ 840/820 785/755 755/745 795/755 820/810 750/725 additi	815/815 1035/975 1270/960 1245/930 1220/925 1090/980 805/805 onal co	485/485 395/385 395/385 350/335 310/300 310/300 320/305 340/330 400/400 490/485 Dunter	485/485 485/485 485/410 515/375 530/360 555/370 550/405 580/470 565/565 weight	3,€ □(10) 375/360 365/355 350/340 345/335 335/325 -	485/430 525/420 525/420 550/415 590/410 605/400	## Pround	/ Blade m 485/485 465/465 490/490 550/550 700/510 740/495 700/490 605/520 anopy / Blade m	2,€ =1○ 520/520' 600/600 565/545 545/545 545/525 530/515 565/560 535/530	520/520 520/520 655/655 800/690 910/655 935/645 935/640 825/675 585/585	2 ■HO	815/815 1035/930 1270/910 1245/885 1220/955 1090/930 805/805
3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0,5 m -1 m 1,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	=(H) 485/485 415/400 365/355 335/330 325/315 325/315 330/320 360/345 425/420 520/515 M =(H)	485/485 485/485 485/430 515/400 530/480 555/395 550/430 580/495 565/565 Blade ax.	3,€ □□ 395/380 395/380 385/375 370/355 365/355 365/345 0n grv 3,€ □□	5 m 	Blade: 3 ■□○ 485/485' 465/465' 490'(490' 475/460' 465/450' 450/435' 440/420' 425/415 bin Blade: 3 ■□○ 420/420'	485/485 465/465 490/490 550/550 660/550 700/535 700/515 605/545 420/420	2,€ □□ 520/520 630/655 595/570 580/570 580/540 595/590 Lon ground 2,€ □□	5 m - 5207/520' 6557/655' 8007/725 9107/690 9357/685 9357/675 8257/710 5857/585' g arm,	815/815' 840/820 785/755 755/745 795/756 820/810 750/725 additi	815/815 1035/975 1270/960 1245/930 1220/925 1090/980 805/805 onal co	485/485 395/385 395/385 350/335 310/300 310/300 320/305 340/330 400/400 490/485 Dunter	485/485 485/485 485/410 515/375 530/360 545/360 555/370 550/405 580/470 565/565 weight	3,€ □□□ 375/360 350/350 345/335 335/325 □□□ Blace 3,€ □□□	4857430 5257420 55507415 5507415 5507410 6057400	## Pround 3 ## Pround 485/485 485/465 485/465 490/490 450/435 445/430 415/400 405/390 405/390 ## Pround 3 ## Pround 420/420 420/420	/ Blade m 485/485 465/465 490/490 550/550 600/552 700/510 740/490 605/520 anopy / Blade m	2,€ =1○ 520/520' 600/600 565/545 545/545 545/525 530/515 565/560 535/530	5 m 5207/520' 6557/655' 8007/690 9107/655 9357/640 8257/675 5857/585'	2 ■HO	815/815' 1035/930 1270'/910 1245/885 1220'/955 1090'/930 805/805'
3 m 2,5 m 2 m 1,5 m 1,5 m 0,5 m 0,5 m -1 m 1,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	■(H) 485/485 415/400 365/355 335/330 325/315 325/315 325/315 325/315 325/315 325/315 325/315 30/320 360/345 425/420 520/515	485/485 485/485 485/485 485/430 515/400 530/380 555/395 550/430 580/495 565/565	3,5 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	5 m 485/450 525/445 550/445 590/435 606/425 	Blade: 3 ■□○ 485/485' 465/465' 490'(490' 475/460' 465/450' 450/435' 440/420' 425/415 bin Blade: 3 ■□○ 420/420'	485/485 465/465 490/490 550/550 660/550 700/535 700/515 605/545 420/420	2,€ □□ 520/520 630/655 595/570 580/570 580/540 595/590 Lon ground 2,€ □□	520/520' 520/520' 655/655' 800/725 910/690 935/685 935/675 825/710 585/585' g arm,	815/815′ 840/820 785/755 755/745 795/755 820/810 750/725 additi	815/815 1035/975 1270/960 1245/930 1220/925 1090/980 805/805 onal co	### 100 ###	485/485 485/485 485/410 515/375 530/360 545/360 555/370 550/405 580/470 565/565 weight	3,€ □□□ 375/360 350/350 345/335 335/325 □□□ Blace 3,€ □□□	4857430 5257420 5507415 5907410 6057400 - - - - - - - - - - - - - - - - - -	### A 15 / A 15	/ Blade m 485/485 465/465 490/490 550/550 600/552 700/510 740/490 605/520 anopy / Blade m	2,€ =1○ 520/520' 600/600 565/545 545/545 545/525 530/515 565/560 535/530	520/520 520/520 655/655 800/690 910/655 935/645 935/640 825/675 585/585	2 ■HO	815/815 1035/930 1270/910 1245/885 1220/955 1090/930 805/805
3 m 2,5 m 1 m 0,5 m 0 m 0,5 m 0,5 m 0,5 m 1,5 m A B 3 m 2,5 m 2 m 1,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	### HO 485/485 415/400 365/355 335/330 325/315 325/315 520/515 ###################################	485/485 485/485 485/485 485/430 515/400 530/380 555/395 556/395 565/565 Blade ax. 420/420 435/390 445/375 465/355	3,5 ≈1⊕ 395/380 385/375 370/355 355/345 355/345 	bund / 5 m 485/450 525/445 550/440 605/425	Blade: 3 ■(IC) 485/485 465/465 490/490 475/460 450/435 440/420 425/415 470/455 Blade: 3 ■(IC) 420/420 420/420 420/420 420/420 420/420 475/460	485/485 465/465 490/490 550/550 700/535 700/535 700/545 700/515 605/545 420/420 420/420 420/420 420/420	2,€ □□ 520/520 630/655 595/570 580/570 580/570 580/570 580/570 580/540 580/540 585/590 Lon ground 2,5 □□ 600/600	5 m 5207/520' 6557/655' 8007/725 9107/690 9357/685 9357/675 8257/710 5857/585' g arm,	8157815 840/820 7857755 7857755 820/810 750/725 additi	815/815 1035/975 1270/960 1245/930 1220/925 1090/980 805/805 onal co	#####################################	485/485 485/485 485/410 515/375 530/360 555/370 555/370 556/565 weight 420/420 435/365 445/355 465/335	3,5 ≈H○ 375/360 365/355 350/340 345/335 335/325 	485/430 525/420 525/420 550/410 605/400 	### Pround ### P	/ Blade m 485/485 485/486 490/490 550/550 600/525 700/510 605/520 740/490 605/520 Hadden 420/420 425/425 420/420 480/480	2,5 ≈(10) 520/520' 600/600 565/545 545/545 545/545 530/515 565/560 535/530	5 m 5207/520' 6557/655' 8007/690 9107/655 9357/640 8257/675 5867/585'	2 =10	815/815 1035/930 1270/910 1245/885 1220/955 1090/930 805/805
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[[] The data contained in these tables represent the lifting capacity in accordance with ISO standard 10567. They don't include the weight of the bucket and correspond to 75% of the maximum static tipping load or 87% of the hydraulic lifting power. Data marked * are the hydraulic limits of the lifting power.]

TECHNICAL CHARACTERISTICS

[WEIGHT +/- 2% (EUROPEAN STANDARDS)]

	Transport weight *	Operating weight *	Ground pressure
Canopy version / Rubber crawlers	2 480 kg	2 560 kg	29.8 kPa (Kg/cm²)
Canopy version / Steel crawlers	2 595 kg	2 670 kg	28.6 kPa (Kg/cm²)
Cabin version / Rubber crawlers	2 590 kg	2 665 kg	31.6 kPa (Kg/cm²)
Cabin version / Steel crawlers	2 700 kg	2 775 kg	30.5 kPa (Kg/cm²)

^{*}These values include a 64 kg European bucket.

[ENGINE]

Туре	3TNV76-NBVA1
Regulation	Stage V
Fuel	Diesel
Net power	15.2 kW / 20.7 HP at 2500 rpm (±3%)
Gross power	15.8 kW / 21.5 HP at 2500 rpm
Displacement	1,115 liters
Maximum torque	63.4-69 N.m (at 1800 rpm) (±100)
Cooling	Water-cooling
Starter	12 V – 1.4 kW
Battery	12 V – 45 Ah
Alternator	12 V – 40 A

[HYDRAULIC SYSTEM]

		PTO	Measureu uata at	max engine speed	
Maximum pressure	206 bars	PIU	Pressure	Flow	Oil flow decreases
1 pump with variable flow	75 l/min	1 way	0 - 215 bar	67 - 15 l/min	as the pressure increases

[PERFORMANCE]

Travel speed	2.8 / 4.5 km/h
Rotation speed	10 rpm
Digging force (arm)	14.7 kN / 12.7 kN (with long arm)
Digging force (bucket)	24.5 kN
Maximum static traction force (1st speed)	22,2 kN
Gradeability (climbing ability)	25°
Noise level (2000/14/CF&2005/88/CF)	LWAG · 93 dBA · LPAG · 89 dBA

[UNDERCARRIAGE]

Number of top rollers	1
Number of bottom rollers	3
Track tensioning system	Grease adjuster

[CAPACITIES]

Fuel tank	30,4 liters
Coolant: with secondary tank capacity (0.4)	3,8 liters
Engine oil	3,4 liters
Hydraulic circuit (including hydraulic tank)	39 liters
Hydraulic tank	25 liters

MAINTENANCE FREQUENCY

[Change engine oil and filter: 50 hours (1st) / 500 hours (2nd)] [Change fuel filter: 250 hours] [Change hydraulic oil: 500 hours] [Clean hydraulic oil filter: 50 hours (1st) / 500 hours (2nd)] [Change cooling fluid: 2000 hours]







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