

YANMAR



.....

Vi026-6



Operating weight	2560 kg (canopy) / 2665 kg (cabin)
Engine	3TNV76-NBVA1
Digging force (arm)	14.5 kN / 12.7 kN (long arm)
Digging force (bucket)	24.5 kN

A simple 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



EASE OF TRANSPORT



YANMAR ENGINE



QUALITY OF COMPONENTS



"FLOW SHARING" HYDRAULIC







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 COMPACTNESS

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



SPACIOUS AND COMFORTABLE CABIN

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.



Spacious 385 mm legroom



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 on-site safety and improve efficiency.

The ViO26-6 is equipped with two rear-view mirrors that allow the operator to control the working area without moving from his seat.



COMFORTABLE SEAT

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



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 reaccelerates 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.



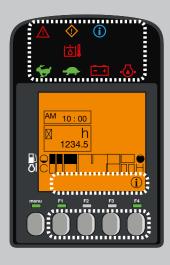
SAFETY

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).

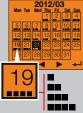


The ViO26-6 gets unique and complete protection of its boom and arm cylinders. All cylinder tubes and rods are protected by a highly elastic steel plate which significantly reduces the TCO of the machine.









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

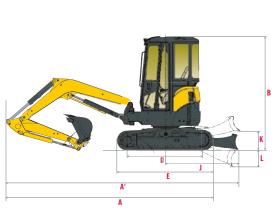
[ATTACHMENTS]

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...



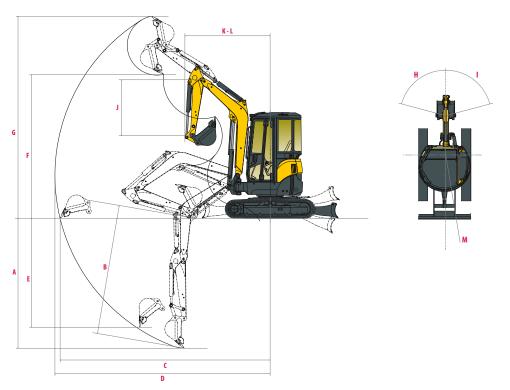
DIMENSIONS







Α	Overall length	4110 / 4120 * mm	Н	Overall blade width	1500 mm
A'	Overall length with blade at the back	4490 / 4500 * mm	T	Overall blade height	288 mm
В	Overall height	2530 mm	J	Blade distance	1390 mm
С	Overall width	1500 mm	K	Max. blade height above the ground	280 mm
D	Length of track on ground	1587 mm	L	Max. lowering blade depth	350 mm
Е	Undercarriage length	2040 mm	М	Minimum ground clearance	320 mm
F	Lane	1250 mm	N	Ground clearance under counterweight	525 mm
G	Track width	250 mm			



Α	Max. digging depth - Blade lifted	2490 / 2740 * mm	H Boom swinging base to left	47°
В	Max. digging depth - Blade lowered	2690 / 2940 * mm	Boom swinging base to right	74°
С	Max. digging reach on ground	4340 / 4590 * mm	J Arm length	1150 / 1400 * mm
D	Max. digging reach	4460 / 4700 * mm	K Minimum front swing radius	1950 / 1990 * mm
Ε	Max. vertical wall	1150 / 1290 * mm	L Minimum front swing radius with boom swing	1650 / 1680 * mm
F	Max. dumping height	2830 / 2990 * mm	M Rear swing radius	750 / 825 ** mm
G	Max. cutting height	3990 / 4140 * mm		

LIFTING FORCE



-1,5 m 2980 465/450 530°/505



Tipping load, rating over front



Tipping load,rating over side 90°

Note										Standaı	d arm.	standa	rd <u>co</u>	unterw	eight									
Black or ground																	Cano	עמ						
A				Blade	on gro			e ahove	ground	ı						Rlade r	n grour		• •	ahove a	round			
B	Α		Ma						_		2	m		М	ax							2	m	
2.5 m		(A=)		R	,	R		l R				- F	(A=)			,	R						H	
	3 m	3020	485*/485*	485*/485*	-	-	485*/485*	485*/485*	-	-	-	-	3020	485*/485*	485*/485*	-	-	485*/485*	485*/485*	-	-	-	-	
1,5 1,5	2,5 m	3380	380/365	485°/485°	-	-	465*/465*	465*/465*	-	-	-	-	3380	360/350	485*/485*	-	-	465*/465*	465*/465*	-	-	-	-	
The column	2 m			485*/395	555/340	485*/410			520°/520°	520°/520°		-					485*/385	490°/490°	490°/490°		520*/520*	-	-	
	1,5 m		300/295					550°/550°	570/655°	655*/655*	815*/815*	815*/815*	3750	290/280				405/390	550°/550°	545/545	655*/655*	815*/815*	815*/815*	
0																								С
																								-
This 1,000																								
1-1- 1-1-																								-
Cabin						-		605*/490								-	-		605*/465					
Part	-1,5 m	2610	470/465	565'/565'	_	-	-	-	500/500							-	-	-	-	470/475	585 /585	620/605	8057/805	
State Stat										Long	arm, st	andard	coun	terweig	tht									
Max																								
A	•		8.4								2			8.4										
3 m 30 10 y 00 10 y 00 y 00 10 y 00 y				P		R		- R				R					R		Q.	,			m 	
2.5 m	В	(A=)		#								l	(A=)											
2 m 10	3 m	3320	370/360	420°/420°	-	-	420°/420°	420°/420°	-	-	-	-	3320	350/340	420°/420°	-	-	420°/420°	420°/420°	-	-	-	-	
1,5 m	2,5 m	3650	325/320	435°/350	355/350	425*/350	375/420°	420°/420°	-	-	-	-	3650	305/300	435*/330	325/330	425*/330	420°/420°	420°/420°	-	-	-	-	
1 m 95	2 m	3870	290/280	445*/340	350/340	445*/270	380/380	420°/420°	-	-	-	-	3870	275/265	445*/320	330/325	445*/350	420°/420°	420°/420°	-	-	-	-	
	1,5 m	4000	270/260	465°/320	345/330	465°/390	425/415	480°/480°	600°/600°	600°/600°	-	-	4000	255/250	465°/305	325/310	465°/310	405/390	480°/480°	600°/600°	600°/600°	-	-	
0 m 910	1 m	4050	260/250	460°/310	325/315	515*/380	405/400	570°/570°	535/515	725*/725*	750/730	900°/900°	4050	245/235	460°/295	310/300	515*/360	385/380	570°/570°	505/490	725*/725*	705/695	900*/900*	۲
-0.5 m	0,5 m	4020	260/250	490°/310	320/310	585*/380	395/385	675*/485	520/495	855*/625	685/660	1205*/870	4020	245/235	490°/295	300/295	585*/360	375/365	675*/460	485/465	855*/590	640/625	1205*/820	
-1 m	0 m	3910	255/255	490°/285	310/300	585*/350	390/370	730*/470	500/485	910 /615	685/660	1175*/835	3910	250/240	490*/270	295/280	585*/330	365/355	730*/445	470/455	910*/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	1155*/805	3720	265/255	500°/300	285/275	555°/345	365/345	695*/430	445/435	900°/555	615/600	1155*/760	
Cabin Cabi					-	-	410/400	615*/490								-	-	390/380	615*/465					
Part	-1,5 m	2980	420/410	529°/460	-	-	-	-	500/500	625*/625*	660/645	855*/855*	2980	400/390	529*/435	-	-	-	-	470/475	625*/625	620/605	855*/855*	L
Blade on ground Blade above ground Blade abov									9	tandar	d arm,	additio	nal co	unterw	eight									
Max																								
8 (A+)						Ca												Cano	ру					
3 m 300 487.865 87.865 -						und /	Blad											nd /	Blade					
2.5 m 380 415/400 485/485 ·	A		Ma		3,5	und /	Blad		2,5		2	m		М	ax	3,5		nd /	Blade a	2,5		2	m	
2 m		(A=)		ax.	3,5	ound /	Blad 3	m 🖟	2,5	m		R	(A=)		- P	3,5	m	nd	Blade a	2,5	m		- H	
1.5 m 3593 35933 515/400 389/375 525/440 45/450 500/550 630/655 655/650 915/810 655/650 915/81	В			ax.	3,5	ound /	Blad	m J	2,5	m H		J			J	3,5	m J	nd / 3 = □	Blade a	2,5	m H		b	
1 m	B 3 m	3020	485°/485°	485*/485*	3,5	ound /	Blad 3	m 485*/485*	2,5 = □			J	3020	485°/485°	485*/485*	3,5		3 = 0 485*/485*	Blade a m 485*/485*	2,5		-10	b	
0.5 m 378 32%310 5467380 365955 590%35 450%35 450%35 590%35 450%35 590%35 450%35 590%35 590%35 450%35 590%35 450%35 590%35 590%35 590%35 450%35 590%	B 3 m 2,5 m	3020 3380	485°/485° 415/400	485*/485* 485*/485*	3,5	ound /	Blad 3 485'/485' 465'/465'	485*/485* 465*/465*	2,5	- -	-D	- -	3020 3380	485°/485° 395/385	485°/485° 485°/485°	3,5 =[0 -	- -	485'/485' 465'/465'	Blade a m 485'/485' 465'/465'	2,5 = 10 -	- -	-10	- -	
0 m 3650 300/20 555/795 535/44 605/425 440/420 740/525 575/550 935/865 759/550 935/865 759/550 935/865 759/550 935/865 759/550 935/865 759/550 935/865 759/550 935/865 759/550 935/865 930/30 550/405 405/390 700/490 530/515 935/860 759/715 1220/955 1 470/455 605/40 935/865 935/860 935/865 759/725 805/865 750/725 805/865 605/800 \$80/470 450/435 605/620 \$855/865 700/726 805/865 935/865 750/725 805/865 605/865 \$80/865 605/865 \$80/865 605/860 \$80/470 555/50 \$855/865 700/726 805/865 \$80	B 3 m 2,5 m 2 m	3020 3380 3620	485°/485° 415/400 365/355	485°/485° 485°/485° 485°/430	3,5 - - - - 395/380	ound /	Blad 3 485'/485' 465'/465' 490'/490'	485°/485° 465°/465° 490°/490°	2,5 - - - 520'/520'	- - 520'/520'	-10	- - -	3020 3380 3620	485°/485° 395/385 350/335	485*/485* 485*/485* 485*/410	- - - 375/360	- - - 485'/430	485'/485' 465'/465' 490'/490'	Blade a m 485'/485' 465'/465' 490'/490'	2,5 - - - 520'/520'	- - 520'/520'	-IQ - -	- - -	
-0,5 m 360 360745 5507430 425415 7007515 560540 9357675 795755 12207925 3450 3407330 5507405 405999 7007490 530515 9357640 759715 12207955 - 1 m 4050 3007290 4207420 - 4207420 4207420 4207420 4207420 4207420 4207420 3700750 1007990 4050 330515 435750 4007400 4050 2907280 4657555 3807585 515745 6557505 5007600 4207420 4207420	B 3 m 2,5 m 2 m 1,5 m	3020 3380 3620 3750	485°/485° 415/400 365/355 335/330	485'/485' 485'/485' 485'/430 515'/400	3,5 - - - 395/380 385/375	ound /	Blad 3 485'/485' 465'/465' 490'/490' 475/460	485°/485° 465°/465° 490°/490° 550°/550°	- - 520'/520' 630/655'	- - 520°/520° 655°/655°	- - - 815'/815'	- - - 815'/815'	3020 3380 3620 3750	485'/485' 395/385 350/335 320/315	485°/485° 485°/485° 485°/410 515°/375	- - - 375/360 365/355	- - 485'/430 525'/420	485°/485° 465°/465° 490°/490° 450/435	Blade a m 485°/485° 465°/465° 490°/490° 550°/550°	- - 520'/520' 600/600	- - 520'/520' 655'/655'	- - - 815'/815'	- - - 815'/815'	
-1 m 3120 425420 5807495 470455 6057545 5957590 8257710 820810 10907980 3120 400400 5807470 450435 6057520 565560 8257675 780770 10907930 535630 5857685 710685 8057805	B 3 m 2,5 m 2 m 1,5 m 1 m	3020 3380 3620 3750 3810	485'/485' 415/400 365/355 335/330 325/315	485°/485° 485°/485° 485°/430 515°/400 530°/380	3,5 - - - 395/380 385/375 370/355	- 4857/450 5257/445	Blad 3 485'/485' 465'/465' 490'/490' 475/460 465/450	485'/485' 465'/465' 490'/490' 550'/550' 660'/550	2,5 - - - 520°/520° 630/655° 595/570	- - 520°/520° 655°/655° 800°/725	- - - 815'/815' 840/820	- - - 815'/815' 1035'/975	3020 3380 3620 3750 3810	485'/485' 395/385 350/335 320/315 310/300	485'/485' 485'/485' 485'/410 515'/375 530'/360	- - 375/360 365/355 350/340	- - 485'/430 525'/420 550'/415	485'/485' 465'/465' 490'/490' 450/435 445/430	Blade a m 485'/485' 465'/465' 490'/490' 550'/550'	2,5 - - 520°/520° 600/600 565/545	- - 520°/520° 655°/655° 800°/690	- - - 815'/815' 800/780	- - - 815'/815' 1035'/930	C
-1,5 m 2610 520515 565/565 555/500 585/585 750/25 805/805 750/25 805/805 2610 490/485 565/565 555/500 585/585 710/685 805/805 805/	B 3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0 m	3020 3380 3620 3750 3810 3780 3650	485'/485' 415/400 365/355 335/330 325/315 325/310 330/320	485'/485' 485'/485' 485'/430 515'/400 530'/380 545'/380 555'/395	3,5 - - - 395/380 385/375 370/355 365/355	- - - 485'/450 525'/445 590'/435	Blad 3 4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420	485'/485" 465'/465" 490'/490" 550'/550" 660'/550 700'/535 740'/525	2,5 - - 5207/520* 630/655* 595/570 580/570 575/550	- - 520'/520' 655'/655' 800'/725 910'/690 935'/685	- - - 815'/815' 840/820 785/755 755/745	- - 815'/815' 1035'/975 1270'/960 1245'/930	3020 3380 3620 3750 3810 3780 3650	485'/485' 395/385 350/335 320/315 310/300 310/300 320/305	485'/485' 485'/485' 485'/410 515'/375 530'/360 545'/360 555'/370	- - 375/360 365/355 350/340 345/335	- - 485'/430 525'/420 550'/415 590'/410	485'/485' 465'/465' 465'/465' 490'/490' 450/435 445/430 425/410	Blade a m 4857/485* 4657/465* 4907/490* 5507/550* 6007/525 7007/510 7407/495	2,5 - - 5207/520* 600/600 565/545 545/545 545/525	- - 520'/520' 655'/655' 800'/690 910'/655	- - - 815'/815' 800/780 745/715 730/705	- - 815'/815' 1035'/930 1270'/910 1245'/885	C
Cabin Blade on ground Blade above ground Bl	B 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	485'/485' 415/400 365/355 335/330 325/315 325/310 330/320	485'/485' 485'/485' 485'/430 515'/400 530'/380 545'/380 555'/395	3,5 - - 395/380 385/375 370/355 365/355 355/345	- - - 485'/450 525'/445 590'/435	Blad 3 4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 700'/515	2,5 - - 5207/520* 630/655* 595/570 580/570 575/550	520/520° 655/655° 800'7725 910'690 935'685 935'675	- - - 815'/815' 840/820 785/755 755/745	- - 815'/815' 1035'/975 1270'/960 1245'/930	3020 3380 3620 3750 3810 3780 3650	485'/485' 395/385 350/335 320/315 310/300 310/300 320/305	485'/485' 485'/485' 485'/410 515'/375 530'/360 545'/360 555'/370	3,5 - - 375/360 365/355 350/340 345/335 335/325	- - 485'/430 525'/420 550'/415 590'/410	4857/485* 4657/465* 4907/490* 450/435 445/430 425/410 415/400	Blade a m 4857/485* 4657/465* 4907/490* 5507/550* 6007/525 7007/510 7407/495	2,5 - - 5207/520* 600/600 565/545 545/545 545/525	- - 520'/520' 655'/655' 800'/690 910'/655	- 815'/815' 800/780 745/715 730/705 755/715	- - 815'/815' 1035'/930 1270'/910 1245'/885	C
Cabin Blade on ground Blade above ground Blade on ground Blade above ground Blade	B 3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0 m -0,5 m -1 m	3020 3380 3620 3750 3810 3780 3650 3450 3120	4857/485* 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420	485'/485' 485'/485' 485'/430 515'/400 530'/380 545'/390 555'/395 550'/430 580'/495	3,5 - - - 395/380 385/375 370/355 365/355 355/345 - -	- 485/450 525/445 525/445 590/435 - 605/425	Blad 3 4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 700'/515	2,5 = 0 - 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590	507/520° 655'/655° 800'/725 910'/690 935'/685 935'/675 825'/710	- 15/815* 840/820 785/755 795/755 820/810	- - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980	3020 3380 3620 3750 3810 3780 3650 3450 3120	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	- - 375/360 365/355 350/340 345/335 335/325 -	- - 485'/430 525'/420 550'/415 590'/410 -	4857485* 4857485* 4657465* 4907490* 450/435 445/430 425/410 415/400 405/390 450/435	Blade a m 4857/485* 4657/465* 4907/490* 5507/550* 6007/525 7007/510 7407/495 7007/490	2, £ 5207/520* 600/600 565/545 545/545 545/525 530/515 565/560	507/520' 655'/655' 800'/690 910'/655 935'/640 825'/675	- 1	- - 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955	C
Blade on ground Blade above ground A Max. 3,5 m 3 m 2,5 m 2 m Max 3,5 m 3 m 2,5 m 2 m B (A=)	B 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	4857/485* 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420	485'/485' 485'/485' 485'/430 515'/400 530'/380 545'/390 555'/395 550'/430 580'/495	3,5 - - - 395/380 385/375 370/355 365/355 355/345 - -	- 485/450 525/445 525/445 590/435 - 605/425	Blad 3 4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 700'/515	2,5 = 0 - 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590	507/520* 5207/520* 6557/655* 8007/725 9107/690 9357/685 9357/675 8257/710 5857/585*	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- - - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805'	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	485'485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485	485'/485' 485'/485' 485'/410 515'/375 530'/360 545'/360 555'/370 550'/405 580'/470	- - 375/360 365/355 350/340 345/335 335/325 -	- - 485'/430 525'/420 550'/415 590'/410 -	4857485* 4857485* 4657465* 4907490* 450/435 445/430 425/410 415/400 405/390 450/435	Blade a m 4857/485* 4657/465* 4907/490* 5507/550* 6007/525 7007/510 7407/495 7007/490	2, £ 5207/520* 600/600 565/545 545/545 545/525 530/515 565/560	507/520' 655'/655' 800'/690 910'/655 935'/640 825'/675	- 1	- - 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955	C
A Max. 3,5 m 3 m 2,5 m 2 m (A=)	B 3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0 m -0,5 m -1 m	3020 3380 3620 3750 3810 3780 3650 3450 3120	4857/485* 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420	485'/485' 485'/485' 485'/430 515'/400 530'/380 545'/390 555'/395 550'/430 580'/495	3,5 - - - 395/380 385/375 370/355 365/355 355/345 - -	- 485/450 525/445 525/445 590/435 - 605/425	Blad 3 4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 700'/515	2,5 = 0 - 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590	507/520* 5207/520* 6557/655* 8007/725 9107/690 9357/685 9357/675 8257/710 5857/585*	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- - - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805'	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	485'485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485	485'/485' 485'/485' 485'/410 515'/375 530'/360 545'/360 555'/370 550'/405 580'/470	- - 375/360 365/355 350/340 345/335 335/325 -	- - 485'/430 525'/420 550'/415 590'/410 -	4857485* 4857485* 4657465* 4907490* 450/435 445/430 425/410 415/400 405/390 450/435	Blade a m 4857/485* 4657/465* 4907/490* 5507/550* 6007/525 7007/510 7407/495 7007/490	2, £ 5207/520* 600/600 565/545 545/545 545/525 530/515 565/560	507/520' 655'/655' 800'/690 910'/655 935'/640 825'/675	- 1	- - 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955	C
B (A=)	B 3 m 2,5 m 2 m 1,5 m 1 m 0,5 m 0 m -0,5 m -1 m	3020 3380 3620 3750 3810 3780 3650 3450 3120	4857/485* 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420	485'/485' 485'/485' 485'/495' 485'/400 530'/380 545'/380 555'/395 550'/430 580'/495 565'/565'	3,5 - - - 395/380 385/375 370/355 365/355 355/345 - -		Blad 3 4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 700'/515	2,5 = 0 - 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590	507/520* 5207/520* 6557/655* 8007/725 9107/690 9357/685 9357/675 8257/710 5857/585*	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- - - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805'	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	485'485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485	485'/485' 485'/485' 485'/410 515'/375 530'/360 545'/360 555'/370 550'/405 580'/470	3,5 - - 375/360 365/355 350/340 345/335 335/325 - -	- 485'/430 525'/420 550'/415 590'/410 	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435	Blade a m 4857/485* 4657/465* 4907/490* 5507/550* 6007/525 7007/510 7407/495 7007/490	2,5 - - 5207/520* 600/600 565/545 545/525 530/515 565/560 535/530	50 m - 5207/520* 6557/655* 8007/690 9107/655 9357/645 9357/646 8257/6475 5857/585*	- 1	- - 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955	C
3 m 3320 405/395 4207/420 4207/420 4207/420 4207/420 4207/420	B 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	4857/485* 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420 520/515	485/485* 485/485* 485/430 515',400 530',780 545',780 555',795 550',430 580',495 565',565*	3,5 - - 395/380 385/375 370/355 365/355 355/345 - -		Blad 3 485'/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' 660'/550 700'/535 740'/525 700'/515 605'/545	2,5 - - 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 520/520' 655' 655' 800'7725 910' /690 935' /685 935' /675 825' /710 585' /585' Long (815'/815' 840/820 785/755 755/745 820/810 750/725 arm, ad	- - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805' ditiona	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	4857/485' 395/385 350/335 320/315 310/300 310/300 320/305 340/330 400/400 490/485	4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157375 5307360 5457360 5557370 5507/405 5807/470 5657/565*	3,5 - - 375/360 365/355 350/340 345/335 - - -	- - 485'/430 525'/420 550'/415 590'/410 - - -	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490 605'/520 -	2,5 - - 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'/640 825'/675 585'/585'		- - 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955 1090'/930 805'/805'	C
3 m 3320 405/395 4207/420	B 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	4857/485* 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420 520/515	485/485* 485/485* 485/430 515',400 530',780 545',780 555',795 550',430 580',495 565',565*	3,5 - - 395/380 385/375 370/355 365/355 355/345 - -		Blad 3 485'/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' 660'/550 700'/535 740'/525 700'/515 605'/545	2,5 - - 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 520/520' 655' 655' 800'7725 910' /690 935' /685 935' /675 825' /710 585' /585' Long (815'/815' 840/820 785/755 755/745 820/810 750/725 arm, ad	- - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805' ditiona	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	4857/485' 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 - - 375/360 365/355 350/340 345/335 - - -	- - 485'/430 525'/420 550'/415 590'/410 - - -	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/490 605'/520 - Py Blade a m	2,5 - - 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'/640 825'/675 585'/585'		- - 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955 1090'/930 805'/805'	c
2,5 m 360 335/350 435/390 395/388 425/395 420′420′ 420′ 420′ 420′ 420′ 420′ 420′	B 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	4857/485* 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420 520/515	485/485' 485/485' 485/485' 485/430 515/400 530/380 545/380 555/395 550/430 580/495 565/565'	3,5 - - - 395/380 385/375 370/355 365/355 - - -		Blad 3 485'/485' 465'/465' 490'/490' 475/460 456/450 450/435 440/420 425/415 470/455 - Blad 3	485/485' 465/465' 490/490' 550/550' 660',550 700',535 740',525 700',515 605',545 -	- - 520/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 520/520* 655/655* 800*7725 910*690 935*685 935*675 825*7710 585*/585* Long :	815'/815' 840/820 785/755 755/745 795/755 820/810 750/725		3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	4857/485* 395/385 395/385 350/335 320/315 310/300 320/305 340/330 400/400 490/485	485'/485' 485'/485' 485'/410 515'/375 530'/360 545'/360 555'/370 550'/405 580'/470 565'/565'	3,5 - - - 375/360 365/355 350/340 345/335 - - - - - - -	- 485'/430 525'/420 550'/415 590'/410 	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435 - Cano	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/490 605'/520 - Py Blade a m	2,5 - - 520/520' 600/600 565/545 545/525 530/515 565/560 535/530	5 m - 520/520' 655'/655' 800'/690 910'/655 935'/644 935'/640 825'/675 585'/585'	- 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'/930 805'/805'	C
2 m 3870 320/315 445/375 390/380 445/415 420/420 420/420 5 3870 305/295 445/355 370/360 445/355 370/360 445/395 420/420 5	B 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'/430 515'/400 530'/380 545'/380 555'/395 550'/430 580'/495 565'/565'	3,5 - - - 395/380 385/375 370/355 365/355 - - -		Blad 3 4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 740'/525 700'/515 605'/545 -	2,5 - - 520'/520' 630/655' 595/570 580/570 575/550 560/540 595/590 565/560	- 520/520° 655'655' 800'7/25 910'690 935'685 935'675 825'7/10 585'585' Long 6	- 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' ditiona	3020 3380 3620 3750 3810 3780 3650 3450 2610 COUL	485'/485' 395/385 395/385 350/335 320/315 310/300 320/305 340/330 400/400 490/485	485'485' 485'485' 485'410 515'375 530'360 545'360 555'370 550'405 580'470 565'565'	3,5 - - - 375/360 365/355 350/340 345/335 - - - - Blade c	- 485'/430 525'/420 550'/415 590'/410 	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490 605'/520	2,5 - - 520'/520' 600/600 565/545 545/525 530/515 565/560 535/530	- 520'/520' 655'/655' 800'/690 910'/655 935'/645 935'/645 585'/585'	- 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'/930 805'/805'	C
1,5 m 400 300/290 465/355 385/370 465/430 456/	B 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 A B 3 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'/430 515'/400 530'/380 545'/380 555'/395 550'/430 580'/495 685'/565'	3,5 - - - 395/380 385/375 370/355 365/355 355/345 - - -		Blad 3 4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 740'/525 700'/515 605'/545 -	2,5 - - 520'/520' 630/655' 595/570 580/570 575/550 560/540 595/590 565/560	- 520/520° 655'/655° 800'7/25 910'/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'/980 805'/805' ditiona	3020 3380 3620 3750 3810 3780 3450 3120 2610 (A=)	485'/485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485	485'485' 485'485' 485'410 515'375 530'360 545'360 555'370 550'405 580'470 565'565'	3,5 - - 375/360 365/355 350/340 345/335 - - - - Blade c	- 485'/430 525'/420 550'/415 590'/410 	485/485' 465' 465' 465' 465' 465' 465' 465' 46	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490 Blade a m 420'/420'	2,5 - - 520'/520' 600/600 565/545 545/525 530/515 565/560 535/530	- 520'/520' 655'/655' 800'/690 910'/655 935'/645 935'/645 585'/585'	- 815'815' 800/780 745/715 730/705 755/715 780/770 710/685	- 8157/815* 10357/930 12707/910 12457/885 12207/955 10907/930 8057/805*	C
1 m 4050 290/280 4607/340 365/355 515/425 455/445 5707/570 595/570 755/775 855/850 9007/900 4050 275/265 4607/325 350/335 515/405 435/425 5707/570 565/345 725/7707 9007/900 4050 405/900 4050 405/900 4050 405/900 4050 405/900 4050 405/900 4050 405/900 4050 405/900 4050 405/900 4	B 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 A B 3 m 2,5 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'/400 530'/380 545'/380 555'/395 550'/430 880'/495 680'/495 420'/420' 435'/390	3,5		Blad 3 4857485* 4657465* 4907490* 475/460 465/450 450/435 440/420 425/415 470/455	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 740'/525 700'/515 605'/545 - e above m 420'/420' 420'/420'	2,5 - - 520'/520' 630/655' 595/570 580/570 575/550 560/540 595/590 565/560	- 520/520° 655'655° 800'7/25 910'/690 935'/685 935'/675 825'/710 585'/585° Long 6	- 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' ditiona	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610 (A=) 3320 3650	485'/485' 395/385 395/385 350/335 320/315 310/300 320/305 340/330 400/400 490/485 M 385/375 340/330	485'/485' 485'/485' 485'/485' 485'/410 515'/375 530'/360 545'/360 555'/370 550'/405 580'/470 665'/565' ght	3,5	- 485'/430 525'/420 550'/415 590'/410 	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435 Cand 420'/420' 425'/425'	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490 Blade a m 420'/420' 425'/425'	2,5 - - 520'/520' 600/600 565/545 545/525 530/515 565/560 535/530	- 520'/520' 655'/655' 800'/690 910'/655 935'/646 935'/646 825'/675 585'/585'	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'/930 805'/805'	C
0 m 3910 285/285 435/320 350/340 585/395 440/420 730/525 565/540 910/685 775/745 1175/930 3910 280/270 490/300 335/320 585/375 415/400 730/405 535/515 910/645 730/705 1175/885 -0,5 m 3720 315/305 500/350 345/330 555/410 425/415 695/505 540/525 900/660 750/720 1155/950 3720 295/285 500/335 325/310 555/390 405/390 695/480 510/495 900/625 705/800 1155/855	B 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 A B 3 m 2,5 m 2 m	3020 3380 3620 3750 3810 3780 3650 3450 2610 (A=) 3320 3650 3870	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'/400 530'/380 545'/380 555'/395 550'/430 580'/495 665'/565' 8X. 420'/420' 435'/390 445'/375	3,5		Blad 3 4857485* 4657465* 4907490* 475/460 465/450 450/435 440/420 425/415 470/455	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 740'/525 700'/515 605'/545 - e above m 420'/420' 420'/420' 420'/420'	2,5 - - 520'/520' 630/655' 595/570 580/570 575/550 560/540 595/590 565/560	5 m - 520/520° 655'655' 800'7/25 910'690 935'685 935'675 825'7/10 585'585'	- 815'/815' 840/820 785/755 755/745 795/755 820/810 750/725 arm, ad		3020 3380 3620 3750 3810 3780 3650 3450 2610 (A=) 3320 3650 3870	485'/485' 395/385 350/335 320/315 310/300 320/305 340/330 400/400 490/485 M 385/375 340/330 305/295	485'/485' 485'/485' 485'/485' 485'/410 515'/375 530'/360 555'/370 550'/405 580'/470 565'/565' ght 420'/420' 435'/365 445'/355	3,5	- 485'/430 525'/420 550'/415 590'/410 	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435 Cand 420'/420' 425'/425' 420'/420'	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490 605'/520	2,5 - 520'/520' 600/600 565/545 545/525 530/515 565/560 535/530	- 520'/520' 655'/655' 800'/690 910'/655 935'/645 935'/645 585'/585' 585'/585' - cound	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'/930 805'/805'	C
0 m 3910 285/285 435/320 350/340 585/395 440/420 730/525 565/540 910/685 775/745 1175/930 3910 280/270 490/300 335/320 585/375 415/400 730/405 535/515 910/645 730/705 1175/885 -0,5 m 3720 315/305 500/350 345/330 555/410 425/415 695/505 540/525 900/660 750/720 1155/950 3720 295/285 500/335 325/310 555/390 405/390 695/480 510/495 900/625 705/800 1155/855	B 3 m 2,5 m 2 m 1,5 m 0 m 0,5 m 0 m -0,5 m -1 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 (A=) 3320 3650 3870 4000	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'/400 530'/380 545'/380 555'/395 550'/430 680'/495 665'/565' 8X. 420'/420' 435'/390 445'/375 465'/355	3,5 395/380 385/375 370/355 365/355 2 on gro 3,5 395/385 390/380 385/370		Blad 3 4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 740'/525 700'/515 605'/545 - e above m 420'/420' 420'/420' 420'/420' 480'/480'	2,5 - 520'/520' 630/655' 595/570 580/570 575/550 560/540 595/590 565/560	- 520/520° 655'655' 800'7/25 910'/690 935'/685 935'/675 825'/710 585'/585' Long 600'/600°	- 815'/815' 840/820 785/755 755/745 795/755 820/810 750/725 arm, add		3020 3380 3620 3750 3810 3780 3650 3450 2610 COULT (A=) 3320 3650 3870 4000	485'/485' 395/385 395/385 350/335 320/315 310/300 320/305 340/330 400/400 490/485 M 385/375 340/330 305/295 285/275	485'/485' 485'/485' 485'/485' 485'/410 515'/375 530'/360 555'/370 550'/405 580'/470 565'/565' ght 420'/420' 435'/365 445'/355 465'/335	3,5	- 485'/430 525'/420 550'/415 590'/410 	485/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435 Cand 3 420'/420' 425'/425' 420'/420' 450/435	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490 605'/520	2,5 - 520'/520' 600/600 565/545 545/525 530/515 565/560 535/530	- 520'/520' 655'/655' 800'/690 910'/655 935'/645 935'/645 585'/585' 585'/585' - cound 5 m 600'/600'	815'/815' 800/780 745/715 730/705 755/715 780/770 710/685	- 8157/815* 10357/930 12707/910 12457/885 12207/955 10907/930 8057/805*	C
	B 3 m 2,5 m 1 m 0,5 m 0 m -0,5 m -1 m -1,5 m A B 3 m 2,5 m 2 m 1,5 m 1 m	3020 3380 3620 3750 3810 3780 3650 3120 2610 (A=) 3320 3650 3870 4000 4050	485'/485' 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420 520/515 Ma 405/395 335/350 320/315 300/290 290/280	485'/485' 485'/485' 485'/485' 485'/400 530'/380 545'/380 555'/395 565'/565' Blade 420'/420' 435'/390 445'/375 466'/355 460'/340	3,5 395/380 385/375 370/355 365/355 355/345 395/385 390/380 385/370 365/355		Blad 3 4857485* 4657465* 4907490* 475/460 465/450 450/435 440/420 425/415 470/455*	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 740'/525 700'/515 605'/545 - e above m 420'/420' 420'/420' 420'/420' 420'/420' 480'/480' 570'/570'	2,5 - - - 520'/520' 630/655' 595/570 580/570 575/550 560/540 595/590 605/560 - - - - 600'/600' 595/570	5 m 5207/520* 6557/655* 8007/725 9107/690 9357/685 9357/675 8257/710 5857/585* Long 6 6007/600* 7257/725*	- 815'/815' 840/820 785/755 755/745 795/755 820/810 750/725 arm, add		3020 3380 3380 3620 3750 3810 3780 3450 3120 2610 COULT (A=) 3320 3650 3870 4000 4050	485'/485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485 M 385/375 340/330 305/295 285/275 275/265	485'/485' 485'/485' 485'/485' 485'/410 515'/375 530'/360 555'/370 550'/405 580'/470 565'/565' ght 420'/420' 435'/365 445'/355 465'/335 460'/325	3,5	- 485'/430 525'/420 550'/415 590'/410 	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435 - Cand 3 420'/420' 425'/425' 420'/420' 450/435 435/425	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490 420'/420' 425'/420' 425'/420' 480'/480' 570'/570'	2,5 - 520'/520' 600/600 565/545 545/525 530/515 565/560 535/530	5 m 520'/520' 655'/655' 800'/690 910'/655 935'/646 825'/675 585'/585' round 600'/600' 725'/725'	815'/815' 800/780 745/715 730/705 755/715 780/770 710/685	- 8157/815* 10357/930 12707/910 12457/885 12207/955 10907/930 8057/805*	C
-1 m 3420 375/365 540/440 460/445 615/545 595/590 835/700 820/810 1090/980 3420 355/345 540/415 440/425 615/520 565/560 835/660 780/770 1090/930	B 3 m 2,5 m 1 m 0,5 m 0 m -0,5 m -1 m -1,5 m A B 3 m 2,5 m 2 m 1,5 m 1 m 0,5 m	3020 3380 3620 3750 3810 3780 3650 3120 2610 (A=) 3320 3650 3870 4000 4050 4020	485/485* 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420 520/515 405/395 335/350 320/315 300/290 290/280	485'/485' 485'/485' 485'/485' 485'/400 530'/380 545'/380 555'/395 550'/430 680'/495 665'/565' Blade 420'/420' 435'/390 445'/375 466'/3555 460'/340 490'/345	3,5 395/380 385/375 370/355 365/355 2 on gro 3,5 395/385 390/380 385/370 365/355 360/350		Blad 3 4857485* 4657465* 4907490* 475/460 465/450 450/435 440/420 425/415 470/455*	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 740'/525 700'/515 605'/545 - e above m 420'/420' 420'/420' 420'/420' 420'/420' 480'/480' 570'/570' 675'/535	2,5 - - - 520'/520' 630/655' 595/570 580/570 575/550 560/540 595/590 565/560 - - - 600'/600' 595/570 580/550	5 m 520/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585' Long 6 600'/600' 725'/725' 855'/690	- 815'/815' 840/820 785/755 755/745 795/755 820/810 750/725 arm, add		3020 3380 3380 3620 3750 3810 3780 3650 3120 2610 COULT (A=) 3320 3650 3870 4000 4050 4020	485'/485' 395/385 395/385 350/335 320/315 310/300 320/305 340/330 400/400 490/485 M 385/375 340/330 305/295 285/275 275/265	485'/485' 485'/485' 485'/485' 485'/410 515'/375 530'/360 555'/370 550'/405 580'/470 565'/565' ght 420'/420' 435'/365 445'/355 465'/335 460'/325 490'/325	3,5	- 485'/430 525'/420 550'/415 590'/410 	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435 - Cand 3 420'/420' 425'/425' 420'/420' 450/435 435/425 425/410	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490 425'/420' 425'/425' 420'/420' 480'/480' 570'/570' 675'/510	2,5 - 520'/520' 600/600 565/545 545/525 530/515 565/560 535/530 - - - 600'/600' 565/545 545/520	5 m 520'/520' 655'/655' 800'/690 910'/655 935'/645 935'/646 825'/675 585'/585' round 600'/600' 725'/725' 855'/655	815'/815' 800/780 745/715 730/705 755/715 780/770 710/685		C
	B 3 m 2,5 m 1 m 0,5 m 0 m -0,5 m -1 m -1,5 m A B 3 m 2,5 m 2 m 1,5 m 0 m 0,5 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m	3020 3380 3620 3750 3810 3780 3650 3120 2610 (A=) 3320 3650 3870 4000 4050 4020 3910	485/485* 415/400 365/355 335/330 325/315 325/310 330/320 360/345 425/420 520/515 405/395 335/350 320/315 300/290 290/280 285/285	485'/485' 485'/485' 485'/485' 485'/400 530'/380 545'/380 555'/395 550'/430 680'/495 420'/420' 435'/390 445'/375 466'/355 460'/340 490'/345 435'/320	3,5 395/380 385/375 370/355 365/355 355/345 395/385 390/380 385/370 365/355 360/350 350/340		Blad 3 4857485* 4657465* 4907490* 475/460 465/450 450/435 440/420 425/415 470/455*	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 740'/525 700'/515 605'/545 - e above m 420'/420' 420'/420' 420'/420' 480'/480' 570'/570' 675'/535 730'/525	2,5 520'/520' 630/655' 595/570 580/570 575/550 560/540 595/590 600'/600' 595/570 580/550 565/540	5 m 520/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585' Long 6 600'/600' 725'/725' 855'/690 910'/685	- 815'/815' 840/820 785/755 755/745 795/755 820/810 750/725 arm, ad		3020 3380 3380 3620 3750 3810 3780 3650 3120 2610 (A=) 3320 3650 3870 4000 4050 4020 3910	485'/485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485 **Merwei** **Market	485'/485' 485'/485' 485'/485' 485'/410 515'/375 530'/360 555'/370 550'/405 580'/470 665'/565' ght 420'/420' 435'/365 445'/355 465'/335 460'/325 490'/325 490'/300	3,5	- 485'/430 525'/420 550'/415 590'/410 	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435 - Cand 3 420'/420' 425'/425' 420'/420' 450/435 435/425 425/410 415/400	Blade a m 485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 8lade a m 420'/420' 425'/425' 420'/420' 480'/480' 570'/570' 675'/510 730'/405	2,5 - - 520'/520' 600/600 565/545 545/525 530/515 565/560 535/530 - - - 600'/600' 565/545 545/520 535/515	5 m 520'/520' 655'/655' 800'/690 910'/655 935'/645 935'/646 825'/675 585'/585' 600'/600' 725'/725' 855'/655	815'/815' 800/780 745/715 730/705 755/715 780/770 710/685		C

565/565 625*/625* 750/725 855*/855* 2980 440/430 530*/480

[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 limits of the lifting power. Data marked * are the hydraulic limits of the lifting power.]

535/530 625*/625* 710/685 855*/855*



TECHNICAL CHARACTERISTICS



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

	Transport weight *	Operating weight *	Ground pressure (kPa [Kg/cm²])
Canopy version / Rubber crawlers	2485 kg	2560 kg	29.2
Canopy version / Steel crawlers	2595 kg	2670 kg	28.1
Cabin version / Rubber crawlers	2590 kg	2665 kg	31
Cabin version / Steel crawlers	2700 kg	2775 kg	29.9

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



[ENGINE]

Туре	3TNV76-NBVA1
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
Maximum torque	63.4 -69 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]

Maximum pressure	206 bars
Variable flow pump	75 l.min ⁻¹

DTO	Theoreti	ical data
PIU	Pressure (bars)	Flow (l.min ⁻¹)
1 way	0 - 215	67 - 15





[PERFORMANCE]

Travel speed	2.8 / 4.5 km/h
Rotation speed	10 rpm
Digging force (arm)	14.5 kN / 12.7 kN (with long arm)
Digging force (bucket)	24.5 kN
Traction force	22,2 kN
Grade ability	25°
Noise level (2000/14/CE&2005/88/CE)	LWAG : 93 dBA ; LPAG : 81 dBA



[UNDERCARRIAGE]

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

[CAPACITIES]

Fuel tank	30,4
Coolant: with secondary tank capacity (0.4)	3,8
Engine oil	3,4
Hydraulic circuit	14
Hydraulic tank	25 l

MAINTENANCE FREQUENCY





Yanmar Construction Equipment Europe 25, rue de la Tambourine, 52100 SAINT-DIZIER France

ycee-contact@yanmar.com