

YANMAR



Vi026-6



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.

3RD CIRCUIT ATTACHED IN SERIES

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 14.7 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.



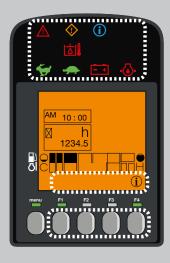
SAFETY

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).

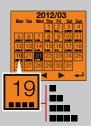


The ViO26-6 gets unique and complete protection of its boom and arm cylinders. All cylinder tubes and rods are protected by a highly elastic steel plate which significantly reduces the TCO of the machine.









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

FASE 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 | Suspension seat with adjustable levers | 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

Suspension seat with PVC adjustment levers | 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

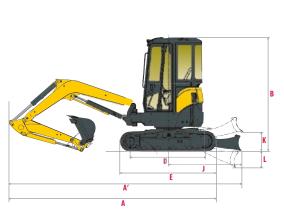
[ATTACHMENTS]

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...



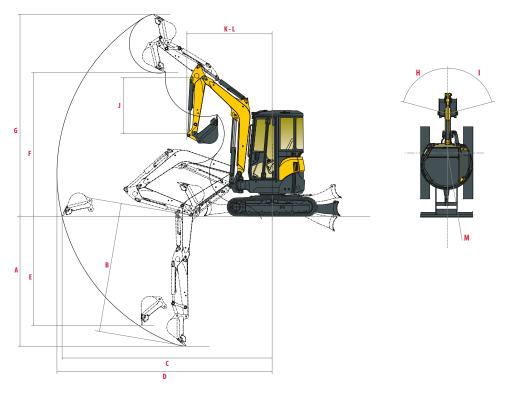
DIMENSIONS







A	Overall length	4110/4120 * mm	Н	Overall blade width	1500 mm
A'	Overall length with blade at the back	4490/4500 * mm	1	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	350 mm
D	Length of track on ground	1587 mm	L	Max. lowering blade depth	280 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	Boom swinging base to left	47°
В	Max. digging depth - Blade lowered	2690 / 2940 * mm	Boom swinging base to right	74°
C	Max. digging reach on ground	4340 / 4590 * mm	Arm length	1150 / 1400 * mm
D	Max. digging reach	4460 / 4700 * mm	Minimum front swing radius	1950 / 1990 * mm
Ε	Max. vertical wall	1150 / 1290 * mm	Minimum front swing radius with boom swing	1650 / 1680 * mm
F	Max. dumping height	2830 / 2990 * mm	Rear swing radius	750 /825 ** mm
G	Max. cutting height	3990 / 4140 * mm		

 $^{^{\}ast}$ with long arm / ** with additional counterweight

LIFTING FORCE



-1,5 m 2980 465/450 530°/505



Tipping load, rating over front



Tipping load,rating over side 90°

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									Standa	d arm,	standa	rd co	unterw	eight									
					Ca	ıbin											Cano	• •					
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2,5 m	3380	380/365	485*/485*	-	-	465*/465*	465*/465*	-	-	-	-	3380	360/350	485*/485*	-	-	465*/465*	465*/465*	-	-	-	-	1
2 m	3620	330/320	485°/395	555/340	485*/410	490°/490°	490°/490°	520°/520°	520°/520°	-	-	3620	315/300	485*/370	325/325	485*/385	490°/490°	490*/490*	520°/520°	520°/520°	-	-	
1,5 m	3750	300/295	515*/365	345/335	525*/405	425/415	550°/550°	570/655°	655*/655*	815*/815*	815*/815*	3750	290/280	515*/340	325/315	525*/380	405/390	550°/550°	545/545	655*/655*	815*/815*	815*/815*	
1 m	3810	295/285	530°/345	330/320	550*/395	420/405	660°/500°	535/515	800*/660	760/745	1035*/890	3810	280/265	530*/325	310/300	550°/370	395/385	660°/475	505/490	799*/625	715/705	1035*/840	С
0,5 m	3780	290/280	545*/345	325/315	590*/390	400/390	700°/485	520/515	9101/630	700/680	1270°/870	3780	280/265	545*/325	305/295	590°/370	375/365	700°/460	485/490	910°/590	660/640	1270*/820	٦
0 m	3650	295/290	555*/355	315/305	605*/380	390/380	740°/470	510/490	935*/620	685/660	1245*/835	3650	285/270	555*/335	300/290	505*/355	365/355	740*/445	480/465	935*/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	3450	305/295	550°/365	-	-	355/345	700°/435	470/455	935*/570	665/635	12201/855	
-1 m	3120	380/380	580°/450	-	-	420/410	605°/490	530/530	825*/640	730/730	1090*/880	3120	360/360	580°/425	-	-	400/385	605*/465	500/505	825*/605	690/690	1090*/835	
-1,5 m	2610	470/465	565*/565*	-	-	-	-	500/500	585°/585°	660/645	805*/805*	2610	440/440	565*/565*	-	-	-	-	470/475	585*/585*	620/605	805*/805*	
									Long	arm, st	andard	coun	terweig	ght									
					Ca	ıbin											Cano	ру					
			Blade	e on gro	ound /	Blad	e above	ground	l						Blade o	n groui	nd /	Blade	above g	round			
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3 m	3320	370/360	420°/420°	-	-	420°/420°	420°/420°	-	-	-	-	3320	350/340	420°/420°	-	-	420°/420°	420°/420°	-	-	-	-	-
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*	-	-	-	-	
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°	-	-	
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*	
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	С
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	
-1 m	3420	340/330	540°/400	-	-	410/400	615*/490	530/530	835*/630	730/730	1090°/880	3420	320/310	540°/375	-	-	390/380	615*/465	500/500	835*/595	690/690	1090*/835	1
-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°	
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			Blade	on gro	ound /	Blad	e above	ground	l						Blade o	n groui	nd /	Blade	above g	round			
						7	m	2,5	m	2	100		B.4	ax	3.5	m	3	m	2,5	m	2	m	
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B 3 m 2,5 m		-10	J	=10	J		J	=10	J -	-	J -			J	-10	-		J	-	-	-	-	
B 3 m 2,5 m 2 m	3020 3380	485°/485° 415/400	485*/485* 485*/485*	=ID - -	- -	485°/485° 465°/465°	485*/485* 465*/465*	=D -	- -	-	J -	3020 3380	485°/485° 395/385	485°/485° 485°/485°	-10	-	485°/485° 465°/465°	485°/485° 465°/465°	-	-	-	-	
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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	- - 395/380 385/375	- - 485'/450 525'/445	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	485°/485° 465°/465° 490°/490° 550°/550°	- 520°/520° 600/600	- 520°/520° 655°/655°	- - - 815*/815*	- - - 815*/815*	C
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	- - 395/380 385/375 370/355	- - 485'/450 525'/445 550'/440	485'/485' 465'/465' 490'/490' 475/460 465/450	485'/485' 465'/465' 490'/490' 550'/550' 660'/550	- - 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	485'/485' 465'/465' 490'/490' 550'/550' 600'/525	- 520°/520° 600/600 565/545	- 520°/520° 655°/655° 800°/690	- - - 815*/815* 800/780	- - - 815'/815' 1035'/930	С
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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	- - 395/380 385/375 370/355 365/355 355/345	- 485'/450 525'/445 550'/440 590'/435 605'/425	485'/485' 465'/465' 490'/490' 475/460 465/450 450/435 440/420	485'/485' 465'/465' 490'/490' 550'/550' 660'/550 700'/535 740'/525	- - 520'/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	- 375/360 365/355 350/340 345/335 335/325	- 485'/430 525'/420 550'/415 590'/410 605'/400	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400	485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495	- 520°/520° 600/600 565/545 545/545 545/525	- 520°/520° 655°/655° 800°/690 910°/655 935°/645	- - 815'/815' 800/780 745/715 730/705	- 815'/815' 1035'/930 1270'/910 1245'/885	C
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	485'/485' 415/400 365/355 335/330 325/315 325/310 330/320 360/345	485'/485' 485'/485' 485'/400 515'/400 530'/380 545'/380 555'/395 550'/430	- 395/380 385/375 370/355 365/355 355/345	- - 485'/450 525'/445 550'/440 590'/435 605'/425	485'/485' 465'/465' 490'/490' 475/460 465/450 450/435 440/420 425/415	4857/485* 4657/465* 4907/490* 5507/550* 6607/550 7007/535 7407/525 7007/515	- 5207/520* 630/655* 595/570 580/570 575/550 560/540	- 5207/520* 6557/655* 8007/725 9107/690 9357/685 9357/675	- - - 815*/815* 840/820 785/755 755/745 795/755	- 8157/815* 1035*/975 1270*/960 1245*/930 1220*/925	3020 3380 3620 3750 3810 3780 3650 3450	485'/485' 395/385 350/335 320/315 310/300 310/300 320/305 340/330	485'/485' 485'/485' 485'/410 515'/375 530'/360 545'/360 555'/370 550'/405	- - 375/360 365/355 350/340 345/335 335/325 -	- 485'/430 525'/420 550'/415 590'/410 605'/400	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390	485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495	- 520'/520' 600/600 565/545 545/545 545/525 530/515	- 520°/520° 655°/655° 800°/690 910°/655 935°/645	- - 815'/815' 800/780 745/715 730/705 755/715	- 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955	C
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'/380 555'/395 550'/430 580'/495	- 395/380 385/375 370/355 365/355 355/345	- - 485'/450 525'/445 550'/440 590'/435 605'/425	485'/485' 465'/465' 490'/490' 475/460 465/450 450/435 440/420 425/415	4857/485* 4657/465* 4907/490* 5507/550* 6607/550 7007/535 7407/525 7007/515	- 5207/520° 630/655° 595/570 580/570 560/540 595/590	- 520'/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585'	- - - 815'/815' 840/820 785/755 795/755 820/810 750/725	- - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	4857485° 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'	- - 375/360 365/355 350/340 345/335 335/325 -	- 485'/430 525'/420 550'/415 590'/410 605'/400	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390	485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495	- 5207/520* 600/600 565/545 545/545 545/525 530/515 565/560	- 520'/520' 655'/655' 800'/690 910'/655 935'/645 935'/640 825'/675	- - 815'/815' 800/780 745/715 730/705 755/715 780/770	- - - 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955 1090'/930	C
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'/380 555'/395 550'/430 580'/495	- 395/380 385/375 370/355 365/355 355/345	- 485'/450 525'/445 550'/440 590'/435 - - -	485'/485' 465'/465' 490'/490' 475/460 465/450 450/435 440/420 425/415	4857/485* 4657/465* 4907/490* 5507/550* 6607/550 7007/535 7407/525 7007/515	- 5207/520° 630/655° 595/570 580/570 560/540 595/590	- 520'/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585'	- - - 815'/815' 840/820 785/755 795/755 820/810 750/725	- - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805'	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	4857485° 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'	- - 375/360 365/355 350/340 345/335 335/325 -	- 485'/430 525'/420 550'/415 590'/410 605'/400	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390	485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490	- 5207/520* 600/600 565/545 545/545 545/525 530/515 565/560	- 520'/520' 655'/655' 800'/690 910'/655 935'/645 935'/640 825'/675	- - 815'/815' 800/780 745/715 730/705 755/715 780/770	- - - 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955 1090'/930	C
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	4857/485* 4857/485* 4857/485* 4857/400 5307/380 5457/380 5557/395 5507/430 5807/495	- 395/380 385/375 370/355 365/355 355/345	- - - 485'/450 525'/445 550'/440 590'/435 605'/425 - -	485'/485' 465'/465' 490'/490' 475/460 456/450 450/435 440/420 425/415 470/455	4857/485* 4657/465* 4907/490* 5507/550* 6607/550 7007/535 7407/525 7007/515	- 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 5207/520* 6557/655* 8007/725 9107/690 9357/685 9357/675 8257/710 5857/585*	- - - 815'/815' 840/820 785/755 795/755 820/810 750/725	- - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805'	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610	4857485° 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'	- - 375/360 365/355 350/340 345/335 335/325 - -	- 485'/430 525'/420 550'/415 590'/410 605'/400	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435	485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490	- 5207/520* 600/600 565/545 545/545 545/525 530/515 565/560	- 520'/520' 655'/655' 800'/690 910'/655 935'/645 935'/646 825'/675 585'/585'	- - 815'/815' 800/780 745/715 730/705 755/715 780/770	- - - 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955 1090'/930	C
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	4857/485* 4857/485* 4857/485* 4857/400 5307/380 5457/380 5557/395 5507/430 5807/495 5657/565*	395/380 385/375 370/355 365/355 355/345 	- - - 485'/450 525'/445 550'/440 590'/435 605'/425 - -	4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455 -	4857/485* 4657/465* 4907/490* 5507/550* 6607/550 7007/535 7407/525 7007/515	- 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 5207/520* 6557/655* 8007/725 9107/690 9357/685 9357/675 8257/710 5857/585* Long a	- - - - 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'	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'	- - 375/360 365/355 350/340 345/335 - - -	- - 485'/430 525'/420 550'/415 590'/410 - - -	4857/485* 4657/465* 4657/465* 4907/490* 450/435 445/430 425/410 415/400 405/390 450/435 - Cancerd	485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490	- 5207/520* 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'	- - - 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	C
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	4857/485* 4857/485* 4857/485* 4857/490 5157/400 5307/380 5457/380 5557/395 5507/430 5807/495 56657/565*	395/380 385/375 370/355 365/355 355/345 	- 485'/450 525'/445 550'/440 590'/435 605'/425 Ca	4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455 -	4857/485* 4657/465* 4907/490* 5507/550* 6607/550 7007/535 7407/525 7007/515 6057/545 -	- 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 5207/520* 6557/655* 8007/725 9107/690 9357/685 9357/675 8257/710 5857/585* Long a	- - - - 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' 395/385 350/335 320/315 310/300 310/300 320/305 340/330 400/400 490/485	485'/485' 485'/485' 485'/410 515'/575 530'/360 545'/360 555'/370 550'/405 580'/470 565'/565'	- - 375/360 365/355 350/340 345/335 - - -	- 4857/430 5257/420 5507/415 5907/410 	4857/485* 4657/465* 4657/465* 4907/490* 450/435 445/430 425/410 415/400 405/390 450/435 - Cancerd	485'/485' 465'/465' 490'/490' 550'/550' 600'/525 700'/510 740'/495 700'/490 605'/520	- 5207/520* 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' 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
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 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' 485'400 530'380 545'380 555'395 550'430 580'495 565'565'	- 395/380 385/375 370/355 365/355 355/345 		4857/485* 4657/465* 4907/490* 4757/460 4657/450 4507/450	485'485' 465'465' 490'490' 550'550' 660'550 700'535 740'525 700'515 605'545	5207/520* 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 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 arm, ad	- - - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805'	3020 3380 3620 3750 3810 3780 3650 3450 2610	4857/485* 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485	4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157/375 5307/360 5457/360 5557/370 5507/405 5807/470 5657/565*	- 375/360 365/355 350/340 345/335 335/325 Blade c	- 485'/430 525'/420 550'/415 590'/410 - - -	4857/485' 4657/465' 4907/490' 450/435 445/430 425/410 415/400 405/390 450/435	4857/485' 4657/465' 4907/490' 5507/550' 6007/525 7007/510 7407/495 7007/490 Blade a	- 520/520* 600/600 565/545 545/525 530/515 565/560 535/530	- 5207/520* 6557/655* 8007/690 9107/655 9357/645 9357/644 8257/675 5857/585*	- 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
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	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'/380 545'/380 555'/395 550'/430 580'/495 565'/565'	- 395/380 385/375 370/355 365/355 355/345 	- 4857/450 5257/445 5507/440 5907/435 6057/425 	4857/485* 4657/465* 4907/490* 4757/460 4657/450 4507/450 4507/450 4507/450 4507/450 4507/450 4507/450 4507/450 4507/450	485'485' 465'465' 490'490' 550'550' 660'550 700'535 740'525 700'515 605'545 - e above	- 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 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 arm, ad	- 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 **Terwei** M 385/375	4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157/375 5307/360 5457/360 5557/370 5507/405 5807/470 5657/565*	- 375/360 365/355 350/340 345/335 335/325 Blade c	- 485'/430 525'/420 550'/415 590'/410 - - -	4857/485' 4657/465' 4907/490' 450/435 445/430 425/410 415/400 405/390 450/435 Canc d 3 4207/420'	4857/485' 4657/465' 4907/490' 5507/550' 6007/525 7007/510 7407/495 7007/490 Blade a	- 5207/520* 600/600 565/545 545/545 545/525 530/515 565/560 535/530	- 5207/520* 6557/655* 8007/690 9107/655 9357/645 9357/644 8257/675 5857/585*	- - - 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
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 3650 3450 3120 2610	4857485* 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'/380 545'/380 555'/395 550'/430 580'/495 565'/565' 8X. 420'/420' 435'/390	- 395/380 386/375 370/355 365/355 355/345	- 4857/450 5257/445 5507/440 5907/435 6057/425 	4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455 420/420* 420/420*	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'	5207/520* 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 520'/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585' Long :	- 815/815' 840/820 785/755 755/745 795/755 820/810 750/725 arm, ad	- - - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805'	3020 3380 3620 3750 3810 3650 3450 3120 2610 (A=) 3320 3650	485'/485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485 **Terwei** M 385/375 340/330	4857/485* 4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157/375 5307/360 5457/360 5557/370 5507/405 5807/470 5657/565* ght 4207/420* 4357/365	- 375/360 365/355 350/340 345/335 335/325 	- 485'/430 525'/420 550'/415 590'/410 605'/400	4857/485' 4657/465' 4907/490' 4507/435 4457/430 4257/410 4157/400 4057/390 4507/435 Canc d 3 4207/420' 4207/420'	4857/485' 4657/465' 4907/490' 5507/550' 6007/525 7007/510 7407/495 7007/490 6057/520 Pyy Blade a 4207/420' 4257/425'	- 520/520* 600/600 565/545 545/525 530/515 565/560 535/530	- 5207/520* 6557/655* 8007/690 9107/655 9357/645 9357/644 8257/675 5857/585*	- 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
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 3650 3450 3120 2610 (A=) 3320 3650 3870	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'/400 530'/380 545'/380 555'/395 550'/430 580'/495 565'/565' 8X. 420'/420' 435'/390 445'/375	- 395/380 385/375 370/355 365/355 355/345	- 4857/450 5257/445 5507/440 5907/435 6057/425 	4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455 420/420* 420/420* 420/420*	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'	5207/520* 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 520'/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585' Long :	- 815/815' 840/820 785/755 755/745 795/755 820/810 750/725 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 2610 (A=) 3320 3650 3870	485'/485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485 **Terwei** M 385/375 340/330 305/295	4857/485* 4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157/375 5307/360 5457/360 5557/370 5507/405 5807/470 6657/565* ght 4207/420* 4357/365 4457/355		- 485'/430 525'/420 550'/415 590'/410 605'/400	4857/485' 4657/465' 4907/490' 4507/435 4457/430 4257/410 4157/400 4057/390 4507/435 Canc d 3 4207/420' 4257/425' 4207/420'	4857/485' 4657/465' 4907/490' 5507/550' 6007/525 7007/510 7407/495 7007/490 6057/520 Py Blade a 4207/420' 4257/425' 4207/420'	- 520/520* 600/600 565/545 545/525 530/515 565/560 535/530	- 520/520' 655'655' 800'690 910'655 935'645 935'640 825'675 585'585'	- 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
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 1,5 m	3020 3380 3620 3750 3810 3650 3450 3120 2610	4857/485* 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	485'485' 485'485' 485'485' 485'400 530'380 545'380 555'395 550'430 580'495 665'565' 420'420' 435'390 445'375 465'355	- 395/380 385/375 370/355 365/355 355/345		4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455 420/420* 420/420*	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'	5207/520* 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560	- 520'/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585' Long :	- 815/815' 840/820 785/755 755/745 795/755 820/810 750/725 arm, ad	- - - - 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805' ditiona	3020 3380 3620 3750 3810 3650 3450 3120 2610 (A=) 3320 3650	4857/485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485 **Terwei** M 385/375 340/330 305/295 285/275	4857/485* 4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157/375 5307/360 5557/370 5507/405 5807/470 5657/565* ght 4207/420* 4357/365 4457/355 4657/335		- 485'/430 525'/420 550'/415 590'/410 605'/400 	4857/485' 4657/465' 4907/490' 4507/435' 4457/430' 4157/400' 4057/390' 4507/435' Canco 4207/420' 4257/420' 4207/420' 4507/435'	4857/485' 4657/465' 4907/490' 5507/550' 6007/525 7007/510 7407/495 7007/490 6057/520	- 520/520* 600/600 565/545 545/525 530/515 565/560 535/530	- 520/520' 655'655' 800'690 910'655 935'645 935'640 825'675 585'585'	- 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
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	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610 (A=) 3320 3650 3870 4000 4050	4857/485* 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' 485'400 530'380 545'380 555'395 550'430 580'495 665'565' 420'420' 435'390 445'375 466'3555	- 395/380 386/375 370/355 365/355 355/345		4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455 420*/420* 420*/420* 420*/420* 420*/420* 45/445	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'	5207/520* 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560 ground 2,5 6007/600* 595/570	- 520'/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585' Long 600'/600' 725'/725'	- 815/815' 840/820 785/755 755/745 795/755 820/810 750/725 arm, ad	- 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805' ditiona	3020 3380 3620 3750 3810 3780 3650 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 **Terwei** M 385/375 340/330 305/295 285/275 275/265	4857/485* 4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157/375 5307/360 5557/370 5507/405 5807/470 5657/565* ght 4207/420* 4357/365 4457/355 4657/335 4607/325	Blade c 3,5	- 485'/430 525'/420 550'/415 590'/410 605'/400 	4857/485' 4657/465' 4907/490' 4507/435' 4457/430' 4157/400' 4057/390' 4507/435' 4507/435' 4207/420' 4257/420' 4257/420' 4507/435' 4357/425' 4357/425'	4857/485' 4657/465' 4907/490' 5507/550' 6007/525 7007/510 7407/495 7007/490 6057/520	- 520/520* 600/600 565/545 545/525 530/515 565/560 535/530 600*/600* 565/545	- 520/520' 655'655' 800'690 910'655 935'645 935'640 825'675 585'585'	- 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
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	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610 (A=) 3320 3650 3650 3670 4000	4857/485* 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' 485'400 530'380 545'380 555'395 550'430 580'495 665'565' 420'420' 435'390 445'375 466'355 460'340 490'345	- 395/380 386/375 370/355 365/355 355/345		4857/485* 4657/465* 4907/490* 4757/460 4657/450 4507/450 4507/450 4507/450 4507/450 4207/420*	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	5207/520* 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560 ground 2,5 6007/600*	- 5207/5207 6557/6557 8007/725 9107/690 9357/685 9357/675 8257/710 5857/5857 Long 6007/6007 7257/7257 8557/690	- 815/815' 840/820 785/755 755/745 795/755 820/810 750/725 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 2610 COULT (A=) 3320 3650 3870 4000	485'/485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485 **Terwei** **M** **S85/375 340/330 305/295 285/275 275/265 275/265	4857/485* 4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157/375 5307/360 5557/370 5507/405 5807/470 5657/565* ght 4207/420* 4357/365 4457/355 4657/335 4607/325	Blade c 3,5 375/360 365/355 350/340 345/335 335/325	- 485'/430 525'/420 550'/415 590'/410 605'/400 	485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435 Canc 420'/420' 425'/425' 420'/420' 450/435 435/425 425/410	4857/485' 4657/465' 4907/490' 5507/550' 6007/525 7007/510 7407/495 7007/490 6057/520 PPY Blade a 4207/420' 4257/425' 4207/420' 4807/480' 5707/570' 6757/510	- 520/520* 600/600 565/545 545/525 530/515 565/560 535/530 above gr	- 520/520' 655'655' 800'/690 910'/655 935'/645 935'/640 825'/675 585'/585' round 600'/600' 725'/725' 855'/655	- 815'/815' 800/780 745/715 730/705 755/715 780/770 710/685	- 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955 1090'/930 805'/805' 900'/900' 1205'/910	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 0,5 m	3020 3380 3620 3750 3810 3780 3650 3450 3120 2610 (A=) 3320 3650 3870 4000 4050 4020	4857/485* 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' 485'400 530'380 545'380 555'395 550'430 580'495 665'565' 420'420' 435'390 445'375 466'3555	- 395/380 386/375 370/355 365/355 355/345		4857/485* 4657/465* 4907/490* 475/460 465/450 450/435 440/420 425/415 470/455 420*/420* 420*/420* 420*/420* 420*/420* 45/445	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'	5207/520* 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 565/560 ground 2,5 6007/600* 595/570 580/550	- 520'/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585' Long 600'/600' 725'/725'	- 815/815' 840/820 785/755 755/745 795/755 820/810 750/725 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 COULT (A=) 3320 3650 3870 4000 4050 4020	485'/485' 395/385 395/385 320/315 310/300 310/300 320/305 340/330 400/400 490/485 **Terwei** M 385/375 340/330 305/295 285/275 275/265	4857/485* 4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157/375 5307/360 5557/370 5507/405 5807/470 5657/565* ght 4207/420* 4357/365 4457/355 4657/335 4607/325	Blade c 3,5	- 485'/430 525'/420 550'/415 590'/410 605'/400 	4857/485' 4657/465' 4907/490' 4507/435' 4457/430' 4157/400' 4057/390' 4507/435' 4507/435' 4207/420' 4257/420' 4257/420' 4507/435' 4357/425' 4357/425'	4857/485' 4657/465' 4907/490' 5507/550' 6007/525 7007/510 7407/495 7007/490 6057/520	- 520/520* 600/600 565/545 545/525 530/515 565/560 535/530 600*/600* 565/545	- 520/520' 655'655' 800'690 910'655 935'645 935'640 825'675 585'585'	- 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
B 3 m 2,5 m 2 m 1,5 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 3450 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 Ma 405/395 335/350 320/315 300/290 290/280 285/285	485'485' 485'485' 485'485' 485'400 530'380 545'380 555'395 550'430 580'495 665'565' 420'420' 435'390 445'375 466'355 460'340 490'345 435'320	- 395/380 386/375 370/355 365/355 355/345		4857/485° 4657/465° 4907/490° 475/460 465/450 450/435 440/420 425/415 470/455 420°/420° 420°/420° 420°/420° 420°/420° 45/445 445/430 440/420	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' 675'535 730'525	5207/520* 5207/520* 630/655* 595/570 580/570 575/550 560/540 595/590 6007/600* 595/570 580/550 565/540	- 520'/520' 655'/655' 800'/725 910'/690 935'/685 935'/675 825'/710 585'/585' Long 600'/600' 725'/725' 855'/690 910'/685	- 815/815' 840/820 785/755 755/745 795/755 820/810 750/725 arm, ad	- 815'/815' 1035'/975 1270'/960 1245'/930 1220'/925 1090'/980 805'/805' ditiona 900'/900' 1205'/960 1175'/930	3020 3380 3620 3750 3810 3780 3650 3120 2610 COULT (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 **Terwei** **M** **S85/375 340/330 305/295 285/275 275/265 275/265 280/270	4857/485* 4857/485* 4857/485* 4857/485* 4857/485* 4857/410 5157/375 5307/360 5457/360 5557/370 5507/405 5807/470 4207/420* 4357/365 4457/355 4657/335 4607/325 4907/300	Blade c 3,5 Blade c 3,5 365/370 365/355 35/325 365/370 370/360 365/350 350/335 340/330 335/320		485'/485' 465'/465' 490'/490' 450/435 445/430 425/410 415/400 405/390 450/435 Canc 420'/420' 425'/425' 420'/420' 450/435 435/425 425/410 415/400	4857/485' 4657/465' 4907/490' 5507/550' 6007/525 7007/510 7407/495 7007/490 6057/520	- 520/520° 600/600 565/545 545/525 530/515 565/560 600/600° 565/545 545/520 535/530	- 520/520' 655'655' 800'690 910'655 935'645 935'640 825'675 585'/585' - - - - 600'600' 725'7725' 855'655	- 815'/815' 800/780 745/715 730/705 755/715 780/770 710/685 790/770 725/700 730/705	- 815'/815' 1035'/930 1270'/910 1245'/885 1220'/955 1090'/930 805'/805' 900'/900' 1205'/910 1175'/885	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	With water
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	Theoretical data					
PIU	Pressure (bars)	Flow (l.min ⁻¹)				
1 Lane	0 - 215	67 - 15				



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[PERFORMANCE]

Travel speed	2.8 / 4.5 Km.h ⁻¹
Rotation speed	10 rpm ⁻¹
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	Using grease pump

[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