

SY75C

SANY

supported by **Putzmeister**



COMPACT POWER

VERSATILITY AS STANDARD.

CONSTRUCTION MACHINERY



COMPACT EXCAVATOR
SY75C

Engine
YANMAR 4TNV98C
Power
42.4 kW / 2000 rpm
Bucket capacity
0.28 m³
Operating weight
7380 kg

SANY

The most demanding tasks require a first-class partner.

Quality comes from experience. And from innovative ideas. That's why at SANY we combine these two important factors. Because we are one of the leading manufacturers, with more than **500,000** excavators sold **worldwide**. Given this, you can trust our advanced products, tested in the construction field. We allocate a high percentage of our annual turnover, between **5 and 7%**, to research and development. This allows us to promise you the power and robustness of our products.

500 000
EXCAVATORS SOLD
WORLDWIDE

5-7%

PERCENTAGE OF TURNOVER ALLOCATED
TO RESEARCH AND DEVELOPMENT

Quality Changes the World



SY75C

NEW PERFORMANCE IN THE COM- PACT CLASS

The new SANY SY75C masters all tasks with efficiency and reliable performance thanks to its power and great digging depth. The sophisticated structure allows for the handling of particularly high lifting loads with exemplary stability. In addition, the ultra-modern design of the cab is reminiscent of a comfortable car interior. This is not merely a visual highlight for the driver; the comfort and ergonomics are precisely tailored to the requirements of safe and focused work.

SY75C TECHNICAL DATA

Bucket digging force
53 kN (ISO)

Arm digging force
35 kN (ISO)

Swing speed
10 rpm

Maximum traveling speed
4.5 km/h



COMPONENTS

QUALITY DOWN TO THE SMALLEST DETAIL

In combination with the exhaust aftertreatment system, Yanmar engine equipment always delivers full performance for every task. The diesel particulate filter with self-regenerating coating ensures that emission control is simple and reliable. Another plus point for durability and reliability: the support rollers are mounted on both sides. This makes them even more resistant, even under higher loads.



CONSTRUCTION

Total sealing: the cab becomes a true comfort zone thanks to its improved sealing, so that noise, dust, exhaust fumes, etc. remain outside.

EASE OF USE

Always correctly configured: the simple programming of a wide variety of auxiliary devices saves time and money on replacement. The modern interior also ensures maximum comfort and therefore facilitates fatigue-free working. The Bluetooth connection also allows your mobile phone to connect to the factory speakers for making calls or playing music.

SAFETY

Proven reliability: the protected rear camera provides an accurate picture of the surroundings. The driver views the images on the high-resolution screen located directly in their field of vision.



DIMENSIONS

Optimal design: the undercarriage and structure are perfectly interconnected. The boom arrangement allows for higher lifting loads and greater reaches than conventional machines in this weight class.

COMPONENTS

Top quality: the powerful Yanmar engine delivers maximum power in any situation. With the exhaust after-treatment system, it also easily meets emission level 5 standards.

PROFITABILITY

Maximum efficiency design: the intelligent hydraulic system with load sensor always knows exactly how much hydraulic power is needed for the task at hand and delivers exactly the right amount of oil.



COMPONENTS

Adaptable to all types of materials

The SY75C does away with plastic covers. Only high-quality steel is used here, which is particularly resistant and easy to repair in the event of unforeseen circumstances.

Instead, the compact excavator moves its nearly 7.5 tonnes on rubber tracks to protect it from a wide variety of damage and ensure that the machine runs smoothly.



EASE OF USE

COMFORT ON BOARD

Comfort has a lot to do with ergonomics, but also with health and concentrated work without fatigue. That is why we focus on the machine operator when designing the cab. The focus is on the control levers, which facilitate precise work, and the high-resolution 7" touchscreen. It impresses with its simple and intuitive menu navigation and can also be operated with gloves.

The Bluetooth connection also allows you to connect your mobile phone to receive calls or simply play music.

EASE OF USE

Faster maintenance

Daily checks are extremely important. Therefore, despite the machine's large dimensions, all areas relevant to maintenance (such as air filters or engine oil checks) are arranged so that they can be easily and quickly accessed from the ground.

EASE OF USE

The best vision in every way

Large side and front windows, as well as a curved rear window, provide the best view of the entire working environment without obscuring any areas. The rear view camera takes care of the rear view and sends a high-resolution image to the 7" touchscreen. It features simple curtains for glare-free working even in difficult lighting conditions.



PROFITABILITY

Maximum strength and maximum efficiency

The powerful engine runs particularly efficiently without compromising on power. The driver can easily select the appropriate operating mode for different applications. Switching from maximum performance to maximum efficiency, for example, is done via touch controls, which is reflected in fuel consumption. Another time- and cost-saving factor: the preparation for hydraulic quick coupling comes as standard and is integrated into the operating concept. This concept allows auxiliary devices to be changed quickly and easily on site and integrates the function into the overall operation of the machine.

TECHNOLOGY

Constantly evolving

Kawasaki's proven technology takes care of the hydraulic system. It delivers up to 158 litres per minute, which is also sufficient for large tasks. Depending on the application, the load-sensing hydraulic system always ensures exactly the hydraulic power the operator needs.



Our outstanding features. The advantages of SANY Plus:

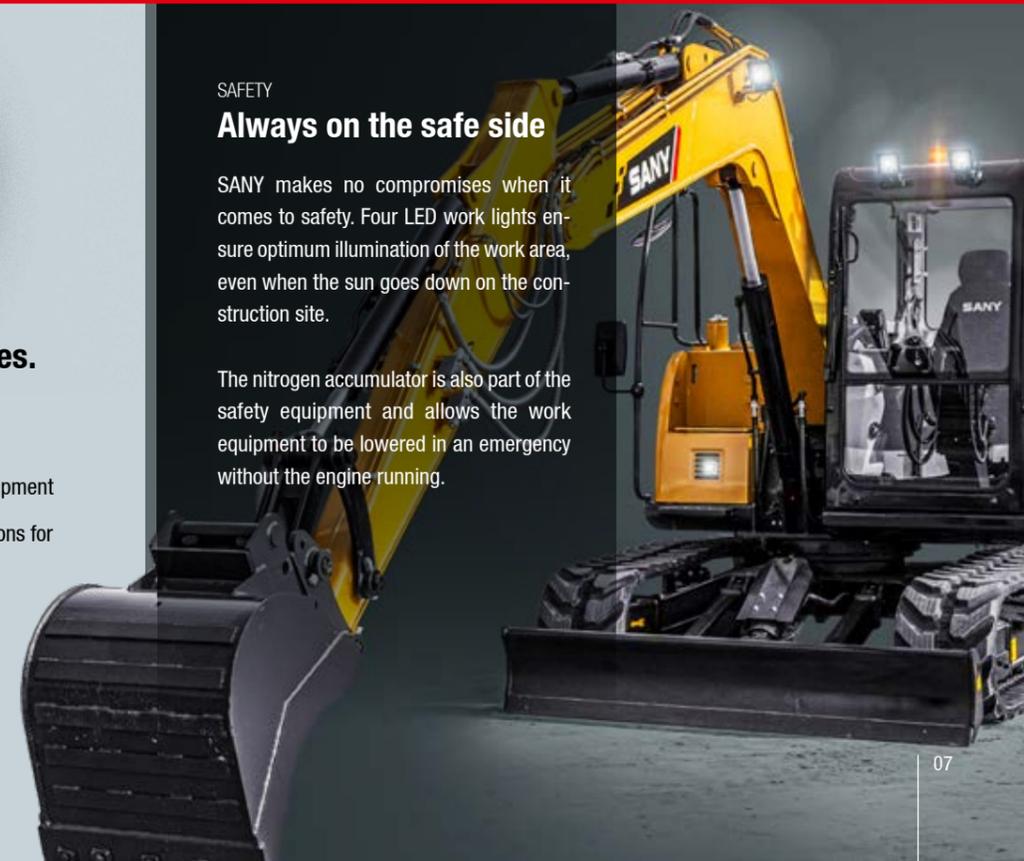
- + Comfortable cab with modern equipment
- + Comprehensive programming options for auxiliary devices
- + Rear camera
- + High-resolution 7" touchscreen
- + 2 proportional control circuits

SAFETY

Always on the safe side

SANY makes no compromises when it comes to safety. Four LED work lights ensure optimum illumination of the work area, even when the sun goes down on the construction site.

The nitrogen accumulator is also part of the safety equipment and allows the work equipment to be lowered in an emergency without the engine running.



ENGINE

Model	Yanmar 4TNV98C
Type	Water-cooled, 4 cylinders, with common rail system and DPF
Emission standards	Stage V
Power	42.4 kW / 2 000 rpm
Maximum torque	207–227 Nm / 1 300 rpm
Displacement	3 319 cc
Batteries	1 × 12 V / 120 Ah

HYDRAULIC SYSTEM

Main pump	Axial piston control pump
Max. oil flow	148 l/min
Drive	Axial piston control motor
Rotary motor	Axial piston motor
Max. oil flow (AUX 1)	120 l/min
Max. oil flow (AUX 2)	120 l/min

SERVICE FILLING QUANTITIES

Fuel tank	150 l
Engine coolant	14.5 l
Engine oil	8.5 l
Travel drive (per side)	1.2 l
Hydraulic system	160 l
Hydraulic oil tank	120 l

POWER

Rotation speed	10 rpm
Maximum travel speed	Fast 4.5 km/h, slow 2.5 km/h
Maximum traction force	61.4 kN
Bucket capacity	35°
Ground pressure	0.28 m ³
Climbing ability	0.33 kg/cm ²
ISO bucket breakout force	53 kN
ISO arm traction force	35 kN

PRESSURE LIMITING VALVES

Boom circuit	263 bar
Swing circuit	240 bar
Travel circuit	263 bar
Pre-control circuit	39 bar

LOWER AND UPPER BODY

Boom length	3 720 mm
Arm length	2 050 mm
Rollers	5
Support rollers	1
Swivel system	Planetary gear driven by axial piston motor, hydraulically operated automatic parking brake

OPERATING WEIGHT

SY75C 7 380 kg

DOZER BLADE LOAD CAPACITIES BELOW

Load point height	Radius							
	1.0 m	3.0 m	5.0 m	Max.				
6.0 m kg	1 385	1 385	1 210	1 210				
5.0 m kg			1 020	1 020				
4.0 m kg	1 315	1 315	1 060	1 060				
3.0 m kg	1 710	1 710	1 460	1 225				
2.0 m kg	2 275	2 275	1 585	1 190				
1.0 m kg	2 790	2 400	1 715	1 155				
Floor line kg	3 085	2 315	1 815	1 125				
-1.0 m kg	2 105	2 105	3 138	2 275	1 805	1 115	1 300	1 070
-2.0 m kg	3 415	3 415	2 955	2 280	1 680	1 275		
-3.0 m kg		2 395	2 340	1 885	1 820			

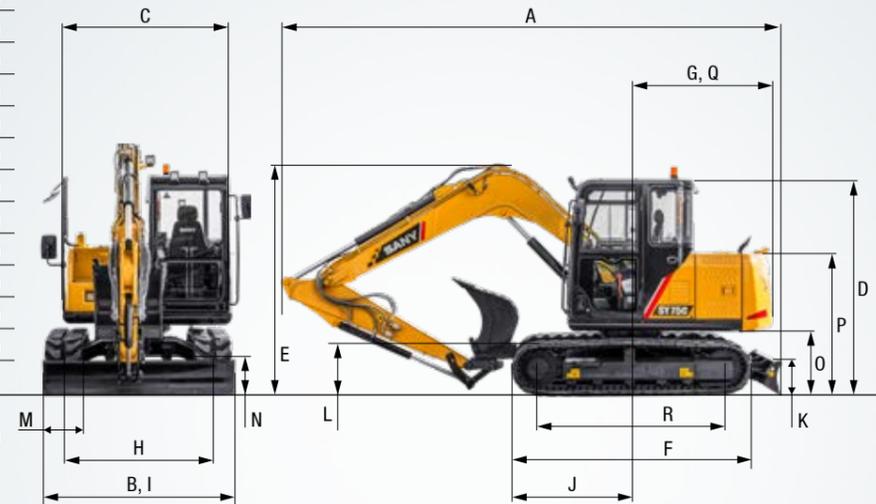
DOZER BLADE LIFTING CAPACITY

Load point height	Radius							
	1.0 m	3.0 m	5.0 m	Max.				
6.0 m kg	1 385	1 385	1 210	1 210				
5.0 m kg			1 020	1 020				
4.0 m kg	1 315	1 315	1 060	1 060				
3.0 m kg	1 710	1 710	1 310	1 225				
2.0 m kg	2 275	2 275	1 275	1 190				
1.0 m kg	2 630	2 400	1 235	1 155				
Floor line kg	2 540	2 315	1 205	1 125				
-1.0 m kg	2 105	2 105	2 500	2 275	1 195	1 115	1 150	1 070
-2.0 m kg	3 415	3 415	2 510	2 280	1 370	1 275		
-3.0 m kg		2 395	2 340	1 885	1 820			

DIMENSIONS

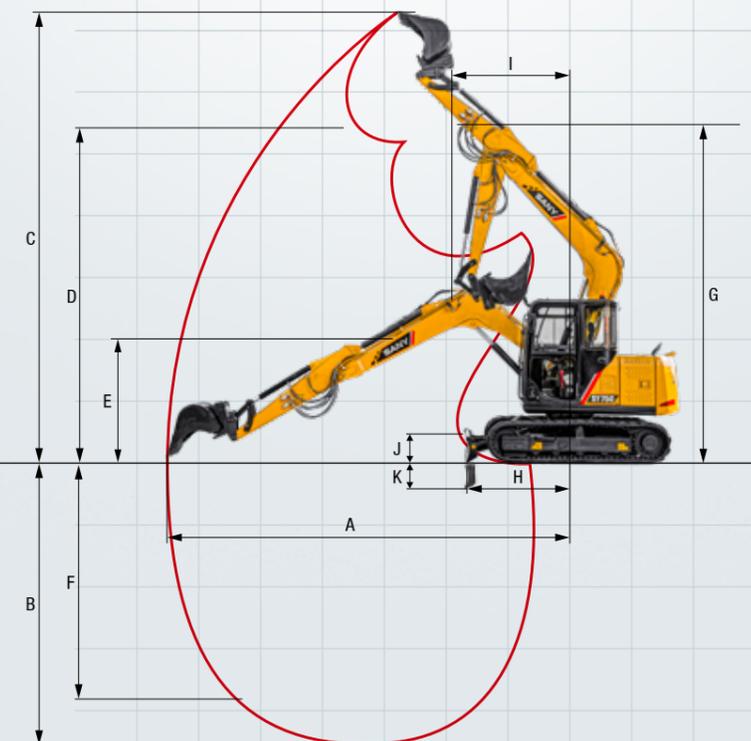
A Overall length	6 125 mm
B Overall width	2 300 mm
C Overall width of upper body	2 040 mm
D Overall height of cab	2 570 mm
E Overall height of boom	2 720 mm
F Overall length of lower body	2 820 mm
G Rear length	1 800 mm
H Wheelbase	2 195 mm
I Width of lower body (dozer blade)	2 220 mm
J Horizontal distance to dozer blade	1 735 mm
K Height of dozer blade	405 mm
L Chain height	680 mm
M Chain plate width	450 mm
N Min. ground clearance	380 mm
O Rear weight ground clearance	750 mm
P Bonnet height	1 720 mm
Q Rear turning radius	1 800 mm

R Distance (centre) between sprocket and steering wheel 1 750 mm



WORK RANGE

A Maximum reach	6 505 mm
B Maximum digging depth	4 450 mm
C Maximum cutting height	7 390 mm
D Maximum dumping height	5 490 mm
E Minimum dumping height	2 040 mm
F Max. excavation depth vertical wall	3 840 mm
G Total height with min. turning radius	5 560 mm
H Boom head distance with max. retraction working devices	1 735 mm
I Min. turning radius	1 940 mm
J Max. dozer blade lift above ground	390 mm
K Max. dozer blade penetration	330 mm



Note: Non-binding information document. The values indicated are theoretical maximum values. The values for the high-pressure water pump are for operation in diesel mode. Specifications subject to change without prior notice.

The photos and illustrations are for illustrative purposes only. For information on available options, please contact us.



Always a little more

The SANY75C comes fully equipped as standard. Everything is on board: from quick-coupling preparation and a stable dozer blade to Bluetooth equipment for using mobile phones.

EASE OF USE / CABIN

Seat with suspension	●
Heating	●
Automatic climate control	●
Radio with speaker	●
Adjustable armrests	●
USB connection (music)	●
Windscreen wipers	●
Additional control circuit 1 on control lever	●
Additional control circuit 2 on control lever	●
8 implement settings	●
Bluetooth interface	●

SAFETY

Battery disconnect switch	●
Motion alarm	●
Omnidirectional lights	●
Cover lock	●

WORK EQUIPMENT

Safety valve on boom and arm with overload indicator	●
Double-acting hydraulic circuit for quick coupling, including hose system	●
Hammer installation	●
Part installation	●
Adjustable oil flow for accessories	●
Shield	●

Standard equipment ● Special option ●

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* The air conditioning contains fluorinated greenhouse gases: Refrigerant type: HFC-134a, Global warming potential: 1,430, Quantity: 0.85 kg, CO2e: 1.22 t

WORK LIGHTING

LED work light, front roof	●
LED work light, boom	●
LED work light, platform	●

LOWER BODY

Rubber chain	●
Steel chain	●
Fastening rings	●

ENGINE

Automatic speed adjustment	●
DPF	●
DOC	●

HYDRAULIC SYSTEM

Swivel brake	●
2 travel speeds	●
Pipes for additional control circuit 1	●
Pipes for additional control circuit 2	●
Hydraulic control of the control lever	●

A SERVICE YOU CAN RELY ON

As with our excavators, the quality and reliability standards of our service products are very high. This is demonstrated by the scope of our guarantee in terms of durability, as well as the excellent value for money. After all, maintenance is also crucial for efficiency,

profitability and safety. Your SANY dealer is at your side with a comprehensive service to ensure that your machine runs efficiently and durably.



SANY – flexible, fast and always there for you

Prompt assistance, accurate advice and reliable supply of original parts: that is how we understand premium service.



The advantages of SANY Plus:

- ✦ Experienced dealer network throughout Australia, New Zealand & the Pacific Islands
- ✦ Direct service coverage
- ✦ Local SANY team dedicated to your success
- ✦ Australia-wide parts distribution centers to ensure SANY machines are fully supported
- ✦ Ongoing customer care from purchase to after-sales



Parts supply: fast and reliable

By purchasing a SANY compact excavator, you have invested in the future. The rapid availability of spare parts guarantees short downtimes and minimal inactivity.



Full coverage, black on white

All SANY mini excavators come with manuals and documents to assist you with operation, maintenance, servicing, and repairs, including operating and maintenance instructions, technical specifications, and more.

KEY FEATURES **SY75C**

COMFORT COMBINES WITH EFFICIENCY

The SY75C is one of SANY's most powerful compact excavators and impresses with its stability and power. The machine can deploy its full power both in road construction and during loading work. With its powerful drive and compact dimensions, it guarantees high productivity in everyday use.



COMFORT AND WATERTIGHTNESS

The cab stands out for its **ergonomic controls**, comfortable seat and excellent panoramic view. It is also watertight and keeps noise, dust and vibrations away from the driver. Mobile phones can be easily connected via Bluetooth so that calls and music can be played through the integrated speaker.

OPTIMUM DESIGN

You can move around a lot with SY75C, but it remains **stable** and can perform **powerfully**.

EVERYTHING AT A GLANCE

Perfect panoramic view plus rear camera image on high-resolution screen for the best perspectives for precise and safe work.

POWER AND CLEANLINESS

With its **exhaust gas after-treatment system**, the Yanmar engine **easily meets Stage V** emission standards. This not only protects the environment, but also ensures low fuel consumption.

ALWAYS SET UP CORRECTLY

With the **responsive joystick** and **well-arranged controls**, the machine operator can work safely, confidently and with **minimal effort**.

DESIGNED FOR MAXIMUM EFFICIENCY

The **intelligent hydraulic system with load sensor** always knows exactly how much hydraulic power is needed for the task at hand and delivers precisely the right amount of oil.

KEY TECHNICAL FEATURES

Engine	YANMAR 4TNV98C
Power	42.4 kW / 2 000 rpm
Max. torque	207–227 Nm / 1 300 rpm
Max. travel speed	4.5 km/h
Rotation speed	10 rpm
Main pump	Axial piston control pump
Max. oil flow	148 l/min



**'THE PERFECT SOLUTION
FOR OUR BUSINESS!'**

Jens Hansen – EGW Eilderts GmbH

Not all products are available in all markets. As part of our ongoing improvement process, we reserve the right to change specifications and designs without prior notice. Images may contain additional options.

SANY

supported by **Putzmeister**

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