

SY26U

**MACHINERY  
SPECIALISTS**  
L I M I T E D

**SANY**

Quality Changes the World



# WHEN AGILITY COUNTS

SMALL. POWERFUL. FOR EFFICIENCY IN THE SMALLEST OF SPACES.

CONSTRUCTION MACHINERY



## MINI EXCAVATORS **SY26U**

Engine  
**YANMAR 3TNV80F**  
Rated power  
**15.2 kW / 2500 rpm**  
Bucket capacity  
**0.06 m<sup>3</sup>**  
Operating mass  
**2 760 kg**

# SANY

For challenging tasks,  
you need a first-class partner

Quality comes from experience. And from new ideas. This is why we combine these two crucial factors at SANY. This is because we are one of the leading producers, having sold more than **450 000** excavators **worldwide**. This means that you can always rely on sophisticated products that have been tried and tested in practice. An impressive **5–7%** of our annual turnover is dedicated to research and development. This is why we give you not only our word, but also our extraordinary **five-year warranty** as a guarantee of how powerful and robust our products are.

**450 000**  
EXCAVATORS SOLD  
**WORLDWIDE**

**5–7%**  
TURNOVER FOR RESEARCH  
AND DEVELOPMENT

**FIVE-YEAR**  
**WARRANTY \***

Quality Changes the World



\* Applicable in certain markets, please check with your local dealer.



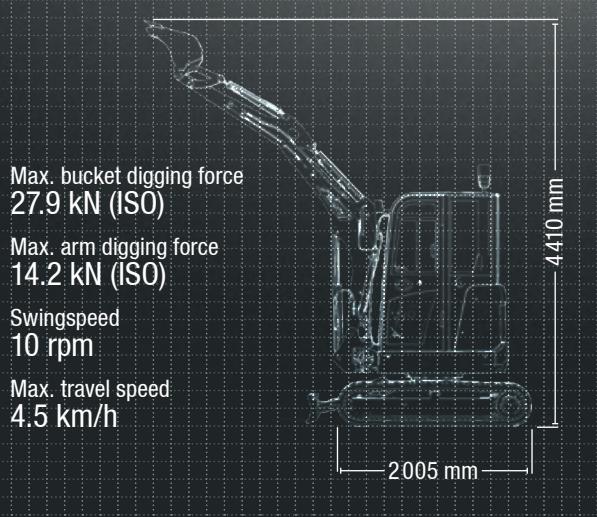
## SY26U HARD FACTS

Max. bucket digging force  
27.9 kN (ISO)

Max. arm digging force  
14.2 kN (ISO)

Swingspeed  
10 rpm

Max. travel speed  
4.5 km/h





# Efficiency Meets Power in One Compact Package.

SANY's mini range have always stood out for their unbeatable efficiency and cost-effectiveness — and the new SY26U mini excavator is no exception. Designed to deliver maximum performance in tight spaces, the SY26U combines speed, power, and precision like no other.

Whether in road construction, horticulture, or landscaping, its exceptional manoeuvrability and responsive control make it the perfect partner for demanding jobs. Even transport is effortless — thanks to its compact dimensions and low weight, loading and unloading are quick and safe.

The SY26U is available in both cab and canopy versions to suit your needs.\*

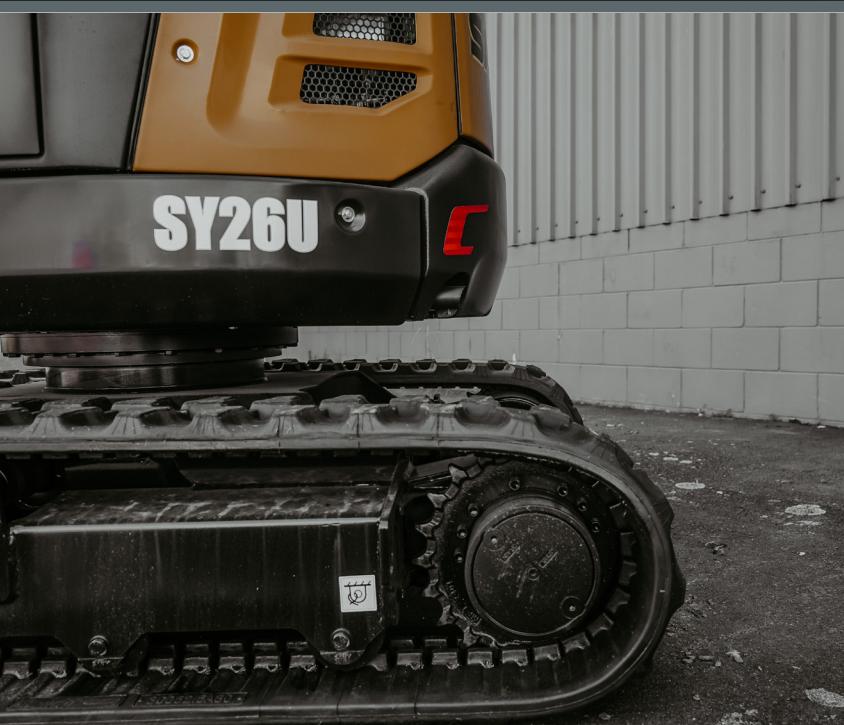
\* The following texts in the brochure refer to both the cabin version and the canopy version of the SY26U.

# TOP PROPERTIES

ECONOMY

# Smart Design. Simple Productivity.

The all-new SANY SY26U has been re-engineered from the ground up, incorporating extensive feedback from operators around the world. Every upgrade reflects SANY's commitment to continuous improvement — delivering more comfort, smarter control, and higher efficiency in a compact package that's built for tough job sites.



## True Zero Tail Swing Agility.

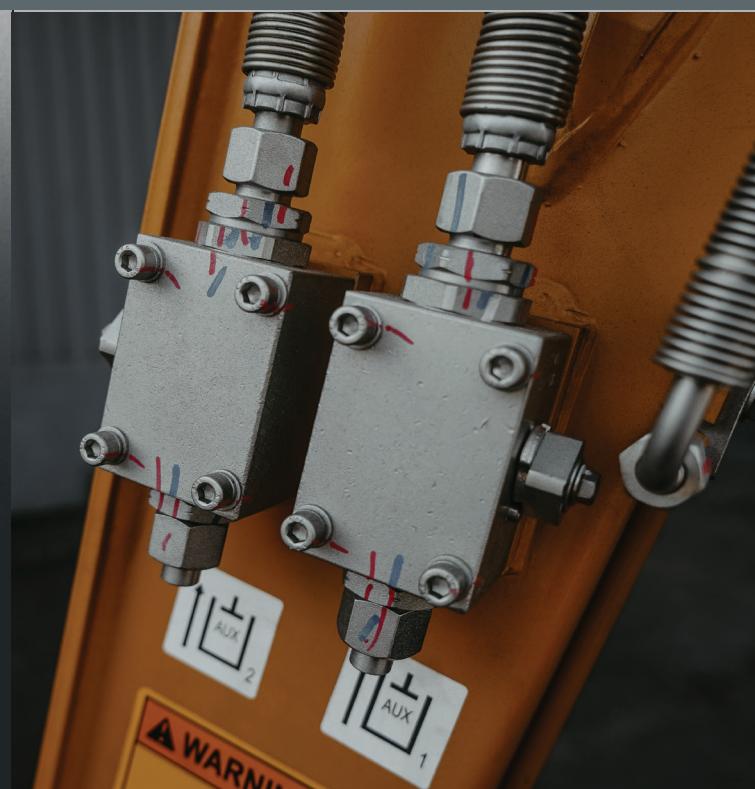
The SANY SY26U's true zero-tail swing design gives operators the confidence to work efficiently in even the tightest spaces.

With the upper structure rotating entirely within the track width, there's no overhang — allowing smooth, worry-free operation alongside walls, buildings, and obstacles. Perfect for urban construction, landscaping, and utility work, the SY26U delivers exceptional maneuverability without compromising on stability or performance.

## Optimised For Attachments.

The all-new SANY SY26U is built with versatility in mind, featuring two sets of auxiliary hydraulic lines that make switching between attachments fast and effortless.

Whether you're running a hammer, auger, or tilt bucket, the SY26U's refined hydraulic quick coupler circuit delivers smooth, consistent flow for maximum performance. With this optimized setup, operators can tackle a wider range of jobs with less downtime and greater efficiency on every site.





## Reach Further with the Upgraded SY26U.

You won't be hitting limits anytime soon with the upgraded SANY SY26U. Its robust boom design and well-balanced weight distribution deliver an impressive maximum reach of 4,850 mm, a vertical reach of 4,410 mm, and a digging depth of 2,820 mm.

Combined with its true zero-tail swing design, the SY26U performs effortlessly in confined areas — offering power, precision, and productivity wherever the job takes you.

### QUALITY

**Robust Reliability** – Even SANY's smaller models are built to perform with impressive power and endurance. Every SY26U is engineered from the ground up for strength, featuring a solid, high-quality build with precision robot-welded seams that ensure lasting durability — no matter how tough the job.

### USER EXPERIENCE

The redesigned cab features a suspension seat, a bright colour display, and integrated USB and Bluetooth connectivity — all included as standard. Every detail is engineered to make operation smoother, easier, and more enjoyable from start to finish.

### SAFETY

The SY26U comes equipped with a range of standard safety features designed to protect both the operator and the machine. These include lockable covers, a battery disconnection switch, and boom cylinder protection.



### DIMENSIONS

**Compact Powerhouse** - The all-new SANY SY26U packs serious power into a compact frame. Its zero tail swing design and smart offset boom give it exceptional agility and precision — perfect for working efficiently in tight urban sites, gardens, or confined construction areas. Wherever space is limited, the SY26U performs at its best.

### COMPONENTS

**Enhanced Details, Superior Results** - Great visibility leads to great work — and the upgraded SY26U delivers just that. Powerful LED work lights provide bright, even illumination across the job site, ensuring safety and precision in any conditions. At its core, the proven YANMAR engine delivers reliable power and performance you can count on day after day.



### ECONOMY

Efficiency comes standard with the upgraded SY26U. Its advanced load-sensing hydraulic system intelligently regulates the flow rate of the piston pumps — delivering exactly the power needed for each task. The result is smooth, precise performance, reduced fuel consumption, and maximum cost-effectiveness on every job.

USER EXPERIENCE

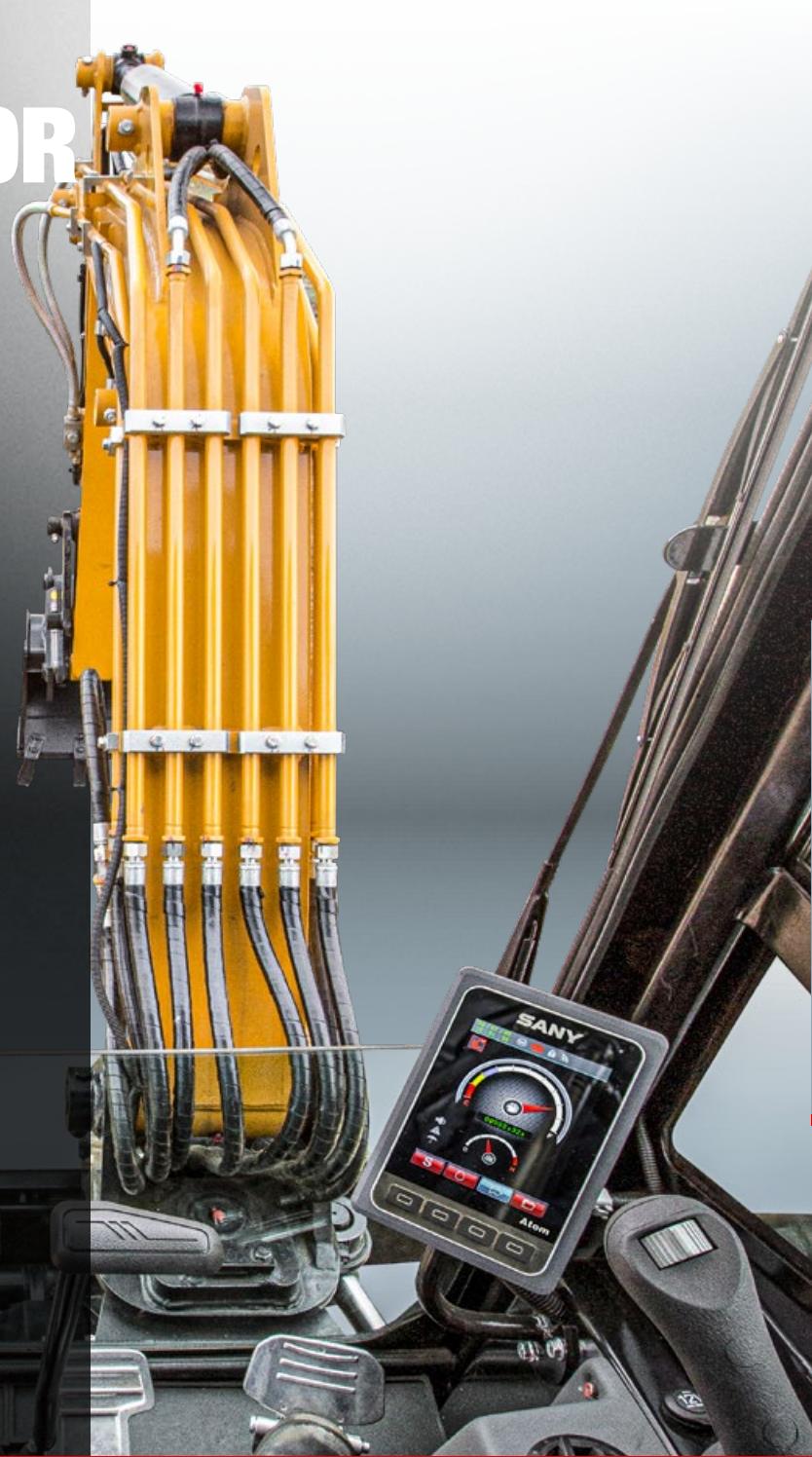
## TOP MARKS FOR YOUR NEW WORKPLACE

**All New Cabin.  
All Day Comfort.**

The upgraded SY26U introduces a completely redesigned cabin focused on safety, comfort, and ergonomic excellence. From the moment you step inside, wide access and a thoughtful layout make entry effortless and operation second nature. The suspension seat, intuitive control placement, and perfectly balanced ventilation system ensure comfort throughout even the longest shifts.

A new high-resolution colour display keeps every key function clearly visible, while the wide field of view provides exceptional visibility all around the machine. Modern connectivity comes standard — with USB ports and a Bluetooth-enabled radio for hands-free calls and music streaming.

For versatility, the SY26U is equipped with two auxiliary hydraulic circuits, allowing seamless operation of various attachments such as tilt buckets, sorting grabs, and hydraulic hammers. Operators can store up to eight attachment settings, with pre-set oil flow controls for both circuits — ensuring every tool performs with precision and efficiency.



Maintenance

### Smart Design for Simple Maintenance.

The upgraded SY26U is designed with convenience in mind — featuring a wide opening engine hood and a well organised central layout of key components.

Routine checks are quick and simple, with the air filter, water separator, oil dipstick, and filler neck all positioned for easy access and efficient servicing.



Safety

## Unmatched Visibility. Uncompromised Safety.

Clear visibility is essential for working safely, accurately, and efficiently — and the upgraded SY26U delivers just that. Its spacious cab provides a wide, unobstructed field of view, allowing operators to easily monitor the entire work area through large front, side, and rear windows without ever leaving their seat. The cab is built with ROPS and FOPS-certified protection, ensuring maximum operator safety in all working conditions. And when the job runs late, 3 powerful LED work lights provide bright, even illumination with low energy consumption and a long service life, keeping productivity high day and night.



SY26U Canopy Model

## Same Power, Open Design.

The SY26U is also available in a canopy version, offering the same advanced technology and outstanding performance as the cab model.

It provides excellent all-round visibility of the work area while maintaining full compliance with current safety standards, ensuring both freedom and protection on every job site.



## Our highlights – the added benefits SANY offers you:

- ✚ 2 proportional auxiliary lines with joystick control as standard
- ✚ 8 storable attachments
- ✚ Double acting circuit for hydraulic quick-coupler with piping
- ✚ Safety valves on arm and boom
- ✚ Triple flange drive rollers
- ✚ LED working lights
- ✚ Bluetooth/USB radio

# TECHNICAL SPECIFICATIONS

## ENGINE

Model	YANMAR 3TNV80F
Type	Water-cooled, 3 cylinder, diesel engine with turbulence chamber fuel injection
Exhaust emissions	Stage V
Rated power	15.2 kW / 2 500 rpm
Max. torque	65.6 Nm / 1 793 rpm
Displacement	1267 ccm
Batteries	1 x 12 V / 60 Ah

## HYDRAULIC SYSTEM

Mainpump	Inline, Water-cooled, four-stroke, mechanical pump
Max. oilflow	81 l/min
Max. oilflow (AUX 1)	42.5 l/min
Max. oilflow (AUX 2)	42.5 l/min
Travelmotor	Variable displacement axial piston motor
Rotation device	Axial piston motor with parking brake

## SERVICE REFILL CAPACITIES

Fuel tank	34 l
Engine coolant	4.1 l
Engine oil	3.4 l
Drive (per side)	0.6 l
Hydraulic system	45 l
Hydraulic oil tank	30 l

## PERFORMANCE

Swingspeed	10 rpm
Max. travel speed	High 4.5 km/h, slow 2.6 km/h
Max. travel force	20 kN
Bucket capacity	0.06 m <sup>3</sup>
Ground pressure	0.26 kg/cm <sup>2</sup>
Gradeability	25°
Bucket digging force ISO	27.9 kN
Arm digging force ISO	14.2 kN

## OPERATING MASS

SY26U	2760 kg
SY26U Canopy	2700 kg

## UNDERCARRIAGE AND UPPER STRUCTURE

Boom length	2100 mm
Arm length	1300 mm
Bottomrollers	3
Rotation device	Axial piston motor with planetary gear running in oil bath and single-row slewing ring. Spring-loaded slewing gear parking brake, hydraulically released.
Undercarriage	Reinforced undercarriage with larger dimensions. Welded drive frame in box design made of special material. Side frame welded to the drive frame.

## RELIEF VALVE SETTINGS

Implement circuit	245 bar
Swing circuit	196 bar
Travel circuit	245 bar
Pilot pressure	35 bar

## LIFTING CAPACITIES OF LOWER DOZER BLADE

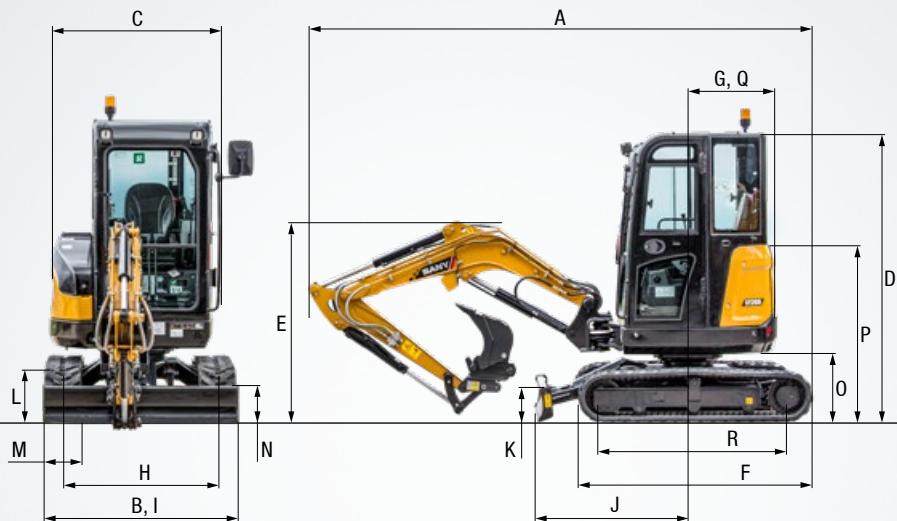
Load point height	Radius			Digging reach	
	2,0 m	3,0 m	4,0 m	Max.	mm
4,0 m kg				693	584 2590
3,0 m kg		623	470	540	365 3550
2,0 m kg	707	459	501	493	282 4000
1,0 m kg	937	421	717	507	256 4180
Ground line kg	1521	715	1095	582	263 4045
- 1,0 m kg	1807	722	1012	730	316 3560
- 2,0 m kg	883	786		609	576 2420

## LIFTING CAPACITIES OF UPPER DOZER BLADE

Load point height	Radius			Digging reach	
	2,0 m	3,0 m	4,0 m	Max.	mm
4,0 m kg				693	584 2590
3,0 m kg		564	470	438	365 3550
2,0 m kg	549	459	340	340	282 4000
1,0 m kg	515	421	332	310	256 4180
Ground line kg	910	715	488	320	263 4045
- 1,0 m kg	917	722	485	385	316 3560
- 2,0 m kg	883	786		609	576 2420

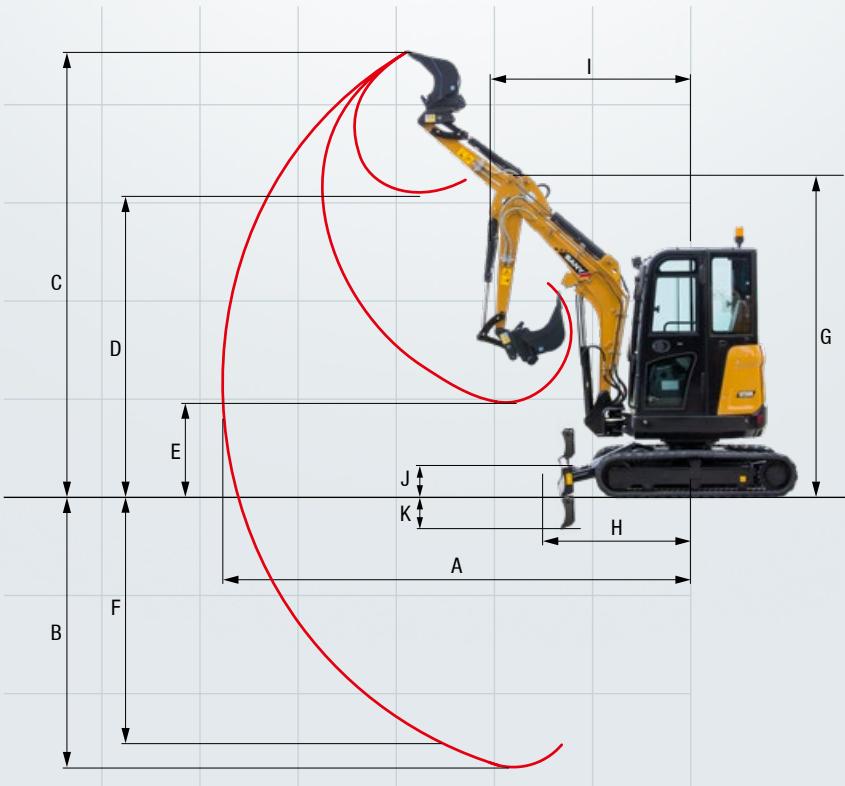
## DIMENSIONS (TRANSPORT)

A Transport length	4285 mm
B Transport width	1550 mm
C Overall width of upper structure	1375 mm
D Height over cabin/ROPS	2430 mm
E Height of Boom – transport	1620 mm
F Overall length of crawler	2005 mm
G Tail length	775 mm
H Track gauge	1250 mm
I Undercarriage width (blade)	1550 mm
J Horizontal distance to blade	1295 mm
K Blade height	300 mm
L Track height	445 mm
M Track pads width	300 mm
N Min. ground clearance	290 mm
O Counterweight clearance	555 mm
P Engine cover height	1460 mm
Q Tail swing radius	775 mm
R Center distance of tumblers	1560 mm



## WORKING AREA

A Max. digging reach	4850 mm
B Max. digging depth	2820 mm
C Max. digging height	4410 mm
D Max. dumping height	3100 mm
E Min. dumping height	940 mm
F Max. vertical digging depth	2585 mm
G Overall height over arm by min. swing radius	3200 mm
H Arm head distance with work equipment retracted as far as possible	1490 mm
I Swing radius by max. boomswing (L)	1760 mm
Swing radius by max. boomswing (R)	1795 mm
Min. swing radius (R)	2110 mm
J Max. clearance when blade up	360 mm
K Max. depth of blade down	380 mm
L Offset boom (L)	765 mm
Offset boom (R)	508 mm
Max. boom-swing angle (L)	67°
Max. boom-swing angle (R)	45°



## Compact, strong, and ready for anything – the SY26U delivers power without compromise.

The SY26U is built to be an indispensable partner on any job site. It combines impressive power and durability with exceptional precision and control, thanks to its advanced hydraulic system. Delivering outstanding performance, efficiency, and value, the SY26U proves that true productivity doesn't have to come at a high price — it's powerfully cost-effective by design.



### OPERATORS COMFORT / CABIN

Heater	●	
Armrests (adjustable)	●	●
12v outlets	●	●
Wiper	●	
AUX 1 on joystick	●	●
AUX 2 on joystick	●	●
Mechanical suspension seat	●	●
8 stored hydraulic settings for attachments	●	●
USB/Bluetooth Radio	●	
Removable front-window	●	

### SAFETY

Battery master switch	●	●
Travel Alarm	●	●
Emergency lowering system	●	●

### WORKING EQUIPMENT

Breaker&Shear line proportional on joystick with piping	●	●
Rotation line proportional on joystick with piping	●	●
Flow adjustment for attachments	●	●
Double acting circuit for hydraulic quick coupler with piping	●	●
Boom and arm load holding valves with overload indicator	●	●
Safety valve on blade cylinder	opt	opt

### WORKING LIGHTS

Lights - front (LED)	●	●
Lights - boom (LED)	●	●

### UNDERCARRIAGE

Rubber tracks 300 mm	●	●
Holes/loops for fixing	●	●

### ENGINE/ENGINE COMPARTMENT

Diesel filter	●	●
Cage or storage for grease gun	●	●
Airfilter guard	●	●
Emergency E-Stop - Ground level		

### HYDRAULIC SYSTEM

Swing brake	●	●
2 speed travel	●	●
Hydr. Pre-pressure operating joysticks	●	●
Filter for pre-pressure circle	●	●
Auxiliary Hydraulic line ball valve	●	●

SY26U ● SY26U Canopy ●

The standard and special options differ depending on the country in which the mini excavator is delivered. If you have any questions, please contact your dealer directly.

### Parts supply – quick and reliable

With the purchase of a SANY mini excavator you have made an investment in the future. Fast availability of spare parts is your guarantee of minimal downtimes and failure times.



# A SERVICE YOU CAN RELY ON

In the event of a breakdown during your warranty period, Vertu will come to your site as soon as possible to get your machine back up and running.

## National Service Representation

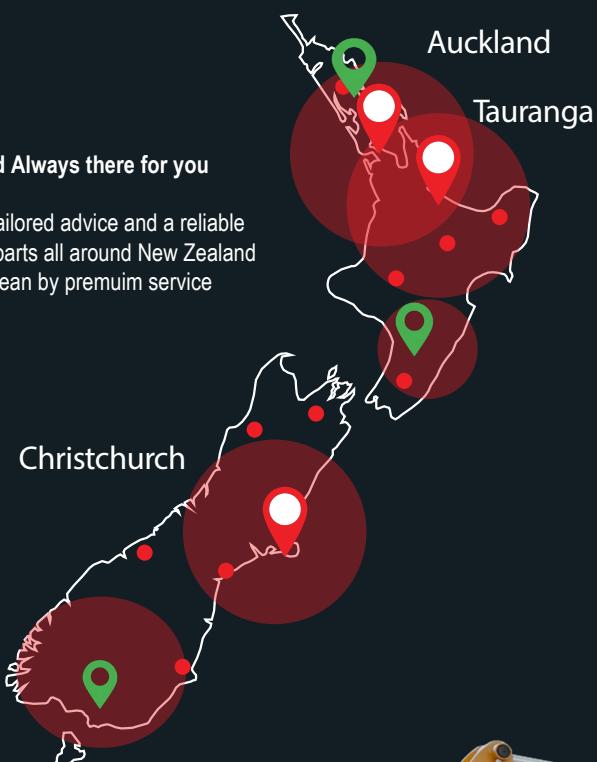
Our national service network partnerships provide certainty that you are supported with service and parts, wherever you are located.

## Parts and Inventory

As the dealer of SANY excavators, roading and construction equipment Vertu holds a significant inventory of SANY Genuine and aftermarket parts and attachments, both in New Zealand and Australia to keep you going. With direct relationships locally and internationally we can source parts quickly and as a matter of priority.

## Flexible, Fast and Always there for you

Paid assistance, tailored advice and a reliable supply of original parts all around New Zealand. That is what we mean by premium service.



Vertu Equipment

Sub-dealer Partners

## Detailed information in black and white

Handbooks and documents are available for all SANY mini excavators, and these can help you with operation, maintenance, servicing and repairs. These include operating and maintenance instructions and technical specifications.



## The added benefits SANY offers you:

- ⊕ Fast supply thanks to the central warehouse near Cologne
- ⊕ More than 15,000 spare parts to make your machine highly reliable
- ⊕ Expert knowledge for optimal supply for your machine
- ⊕ Thanks to SANY's special training programme, our dealers are always kept up-to-date so that they can face all technical challenges.

# COMPACT POWER-HOUSE FOR THE FINER DETAILS



Intricate jobs in urban construction, horticulture, and landscaping demand both precise control and exceptional maneuverability. The new SANY SY26U delivers exactly that — combining compact agility with impressive power to create a high-performance, dependable machine you can rely on every day.

## ROBUST RELIABILITY

High-quality materials and careful machining guarantee the highest degree of solidity and stability even under stress.

## ALWAYS COMFORTABLE

Whether with a **cab** or as a **canopy** — the cockpit is equipped with **comprehensive comfort equipment**, making it easy for the operator to maintain concentration throughout the day.

## SMALL POWERHOUSE

Thanks to its **compact design**, the SY26U greatly simplifies working on confined construction sites. With its compact dimensions, it offers the best conditions to be easily attached to a car trailer.

## INHERENTLY SAFE

Maximum **safety for drivers, the construction site environment** and the machine itself is integrated on-board as standard. This means you can count not only on the protection of people and machines, but also on an **optimum level of operational safety**.

## IMPROVED DETAILS

The **extensive standard features and equipment with high-quality components** from tried and tested brand manufacturers make the SY26U a reliable partner and the machine a **universal marvel in virtually every application**.

## COST EFFECTIVENESS AS A BENCHMARK

The **smart control system** adapts the pump power to the available engine power. For **greater efficiency of the hydraulic system and reduced fuel consumption**.

## TECHNICAL HIGHLIGHTS

Engine	YANMAR 3TNV80F
Rated power	15.2 kW / 2 500 rpm
Max. torque	65.6 Nm / 1793 rpm
Max. travel speed	4.5 km/h
Swingspeed	10 rpm
Mainpump	Variable displ. axial piston pump
Max. oilflow	81 l/min



**"AGILE, JUST LIKE WE NEED IT!"**

Björn Sklarek (machine operator)

Not all products are available in all markets. As part of our continuous improvement process, we reserve the right to modify specifications and designs without giving prior notice. The figures may contain additional options.