SY80U/SY80U PB

COMPACT EXCAVATOR

Max. Gross Power
53.3 kW / 2,100 rpm

Operating Weight
8,800 kg (SY80U), 9,580 kg (SY80U PB)

Max. Dig Depth
4,535 mm (SY80U), 4,520 mm (SY80U PB)



SANY:

FORGING THE FUTURE TOGETHER

Founded in 1989, SANY has grown into one of the world's largest construction equipment manufacturers, with global R&D and production – including European facilities – and machines working in 150+ countries. Our range spans excavators, road and port machinery, and cranes, built with proven manufacturing heritage and modern quality systems.

A GLOBAL LEADER BEHIND EVERY RANGE

From micro excavators to high-tonnage earthmovers, cranes, telehandlers, concrete machinery, road equipment and more, SANY's worldwide product range reflects decades of innovation, investment, and real-world experience.

This broad international range is proven on job sites in over 150 countries, ensuring every machine delivered to Europe is backed by extensive testing, real-world performance and the strength of a global supply chain.

ENGINEERED FOR OUR EUROPEAN CUSTOMERS

Every SANY machine destined for Europe is engineered to meet European regulations and real-world use cases – from CE and Stage V compliance to region-specific specifications and options.

For European construction customers, this worldwide capability translates directly into trust. SANY selects and engineers its product line specifically for local requirements, combining global innovation with European-quality standards, dealer support and service.

GLOBAL MANUFACTURING EXCELLENCE

SANY's long-standing commitment to quality and innovation – supported by advanced intelligent manufacturing and a sustained 5-7% of annual revenue reinvested into R&D – results in machines that deliver reliability, efficiency, and consistent performance on site.

With state-of-the-art production facilities and rigorous global testing standards, every machine is built to withstand demanding conditions and deliver long-term value.













INTRODUCING THE

SY80U/SY80U PB

The SANY SY80U is engineered to deliver maximum productivity in confined working environments. Combining compact dimensions with a reduced tail swing design, it provides exceptional manoeuvrability without compromising digging performance, making it ideal for utility, landscaping and urban construction applications.

Excellent stability, smooth hydraulic control and responsive operation help improve efficiency and precision on every task. Built with proven, high-quality components, the SY80U is designed to maximise uptime and deliver dependable performance throughout its working life.



WHY CHOOSE SANY EXCAVATORS

WORLD RENOWNED COMPONENTS

SANY uses proven, top-tier components to deliver long-lasting reliability, meaning you benefit from fewer breakdowns, longer service life, and lower ownership costs.

GREAT VALUE, UNCOMPROMISED QUALITY

You can have confidence in your return on investment. SANY excavators are loaded with the latest innovations to help reduce costs, increase productivity and protect resale value.

INDUSTRY LEADING 5 YEAR WARRANTY

Built to last and backed by an industry-leading warranty, giving you lower risk, predictable costs, and confidence on every job.

LOW OPERATING COSTS

Simple engineering, readily available parts, and low fuel consumption reduce ongoing running costs, a major advantage in Europe's high-cost markets.

LOCAL SUPPORT

Europe-wide expert dealers and value-added aftermarket support keep your machine running, minimise downtime, and simplify ownership.

STANDARD ADVANCED FEATURES

SANY excavators include all essential features as standard, no costly add-ons or custom tweaks required.

SY80U / SY80U PB

PRODUCTIVITY

Designed to help operators achieve more in every shift, the SY80U excavator combines compact dimensions, exceptional versatility and efficient hydraulic performance. From working in confined spaces and alongside obstacles to rapidly changing attachments, every feature is engineered to minimise downtime, maximise productivity and keep projects moving.



COMPACT DIMENSIONS

With compact dimensions and a reduced tailswing you can access tight sites, work flush to walls or obstacles, and minimise repositioning for faster setup, all with low ground impact.

SANY's swing boom design lets you offset the boom to the left or right, so you can dig alongside walls and in tight spaces without rotating/ repositioning the machine, reducing ground disturbance.

Integrated tie-down points on the track frame and dozer blade simplify secure trailering, cutting loading time, improving load restraint compliance, and reducing risk of damage during transport.

VERSATILE OPERATION

The SY80U comes factory-prepared for a wide range of common attachments, including breakers, grapples, tilt buckets and augers, enabling quick integration and greater versatility across multiple applications.

For greater jobsite versatility, the SY80U comes with the option of a two-piece boom and metal tracks providing increased reach and working flexibility.

HYDRAULICS DESIGNED FOR PRODUCTIVITY

SANY's twin auxiliary hydraulics as standard allow you to operate a wider range of attachments with powered movement in both directions, giving you reversible control and faster task changes.

SANY's hydraulic quick hitch enables in-cab attachment changes within seconds, eliminating manual pin removal, reducing exposure to pinch points, and minimising downtime between tasks.



SY80U / SY80U PB

EFFICIENCY

Built to keep you working longer for less, the SY80U combines strong performance with outstanding fuel efficiency. An ultra-efficient YANMAR Stage V engine and large 100-litre fuel tank reduces refueling stops, helping to maximise uptime on every shift.



CONSUMING LESS, STORING MORE

Equipped with an a fuel saving YANMAR Stage V engine, the SY80U delivers 53.3 kW of high-performance power at 2,100 rpm.

A 100-litre fuel tank and efficient consumption allow for extended refuelling intervals, cutting downtime and fuel runs so the machine stays productive longer between stops.

EFFICIENT OPERATION

SANY's two-speed tracking lets the operator choose high or low travel to match terrain and task reducing unnecessary revs and therefore fuel usage.

ENERGY-EFFICIENT HYDRAULICS

SANY's load-sensing hydraulics deliver only the flow and pressure the working circuits need, so the system wastes less energy and burns less fuel.

A well-matched engine and hydraulic system that measures pump output to demand, reduces wasted flow and fuel resulting in lower running costs for the customer.



SY80U / SY80U PB

OPERATOR ENVIRONMENT

Designed to support operators through long working days, the SY80U delivers a comfortable, quiet, and intuitive working environment. Thoughtful cab design, excellent visibility, and low vibration help reduce fatigue while improving confidence and safety on site.



PREMIUM COMFORT

The SY80U's ergonomic cab is designed to maximise operator comfort throughout the working day, featuring a mechanical suspension seat and adjustable armrests to help reduce fatigue, improve concentration and support productivity.

A standard-fit heater and manual air conditioning system keeps the cab comfortable, ensuring operators remain productive in all weather conditions.

The quiet, low-vibration engine reduces noise and vibration levels to a minimum, creating a more comfortable operating environment and allowing the machine to work effectively in noise-sensitive areas.

JOB SITE AWARENESS

Large windows and a wide-view cab design provide excellent all-round visibility, helping operators work with greater confidence, precision and safety in busy jobsite environments.

EVERYDAY EASE

Clear instrumentation and a high-resolution colour display make machine operation easier and more intuitive, helping operators work with confidence and precision.

Dual proportional control joysticks deliver smooth, precise machine control, while the floating dozer blade function enables faster, more accurate levelling with less operator input, helping improve productivity, finish quality and operator comfort.

Integrated gear shifting on the dozer blade lever simplifies operation, allowing quick speed changes without removing a hand from the controls for improved comfort and efficiency.

For added comfort and practicality, the SY80U excavator is equipped with a bluetooth radio, USB socket, cup holder, and a storage compartment, keeping essential items within easy reach.



SY80U / SY80U PB

SAFETY & SECURITY

Designed to support the operator, fleet owner and fellow workers at every stage of the job, the SY80U combines a strong, reinforced steel structure with smart security and safety systems. Excellent visibility and clearly positioned safety features improve awareness on busy sites, helping operators stay in control.



PROTECTING BYSTANDERS

Energy efficient LED work lights are positioned on the front of cab, boom and rear for maximum versatility in poor or low light conditions.

A rear-view camera comes as standard, enhancing visibility behind the machine and helping to improve safety for operators and those working nearby.

A travel alarm and rotating warning beacon help to increase visibility, attract attention and ensure safety on site.

EMERGENCY SHUTDOWN

Featuring both a battery disconnect switch and an emergency stop button, the system allows immediate power isolation to enhance operator and site safety.

STRUCTURAL INTEGRITY

The SY80U is equipped with a ROPS and FOPS certified cab, providing a high level of operator protection and confidence when working in demanding conditions.

Heavy-duty steel bodywork provides robust protection against on-site damage, safeguarding vital structures and contributing to reduced lifetime ownership costs.

STABLE OPERATIONS

For increased stability in demanding applications, the SY80U can be equipped with an optional 260kg counterweight, while the SY80U with 2 piece boom can benefit from a larger 400kg option.

ADVANCED SECURITY

Lockable service doors protect critical components and fuel systems, preventing unauthorised access and enhancing site security.

Backed by the CESAR Datatag Scheme for proven theft deterrence and equipped with CESAR ECV, these machines allow swift and dependable verification of emissions category.

A keyless push-button start system with password protection enhances machine security while providing fast, convenient access for authorised operators.

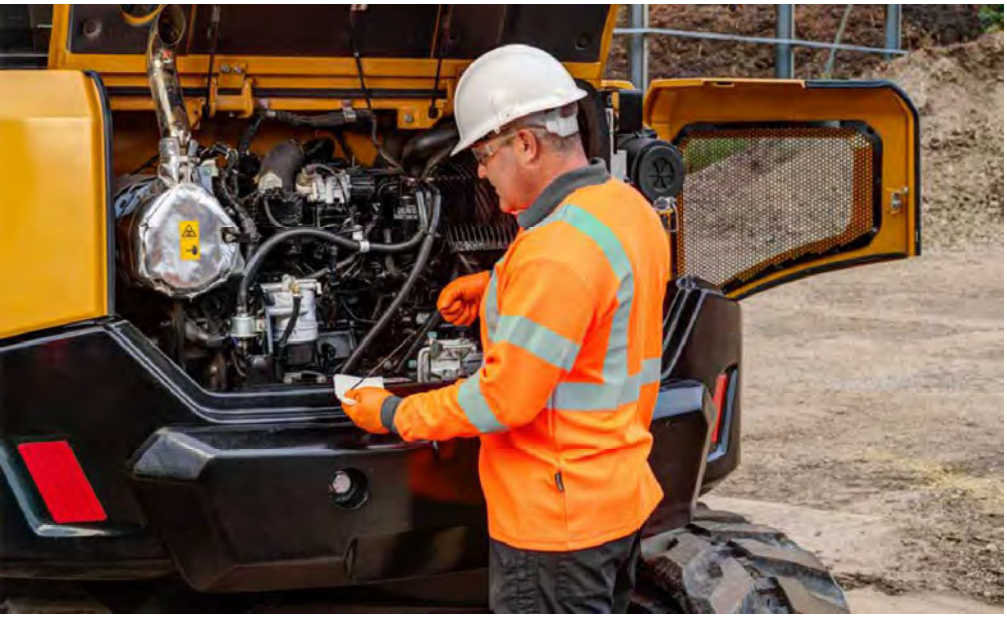
Advanced anti-theft EVI telematics employ GPS tracking and configurable geofencing to safeguard the machine from theft and unauthorised use.

EVI e.vision

SY80U / SY80U PB

SERVICE & MAINTENANCE

Designed for optimal uptime, SANY excavators feature wide service doors, clearly accessible service points, and extended service intervals to simplify maintenance and maximise machine availability. Premium, high-quality components consistent throughout the range further enhance durability and reliability, ensuring reliable performance shift after shift.



MAINTENANCE MADE EASY

SANY excavators are engineered for streamlined service and maintenance, with design features that make routine upkeep faster and more efficient.

A wide-opening engine door provides ground-level access to all key service points, ensuring that daily checks are quick, simple, and easy to perform.

ROBUST STRUCTURES

Integrated guarding for the dozer blade and hydraulic cylinders provides robust protection against on-site impacts, minimising the risk of component damage, unplanned downtime, and expensive repair work.

COMMON, PREMIUM COMPONENTS

Produced in advanced manufacturing facilities in China, SANY excavators are built for high quality and lasting durability, utilising high-spec components from reputable global manufacturers.

Shared componentry across the range, combined with an extensive European dealer network, ensures rapid response and efficient turnaround for any machine repair.





INCREASED WORKING HOURS

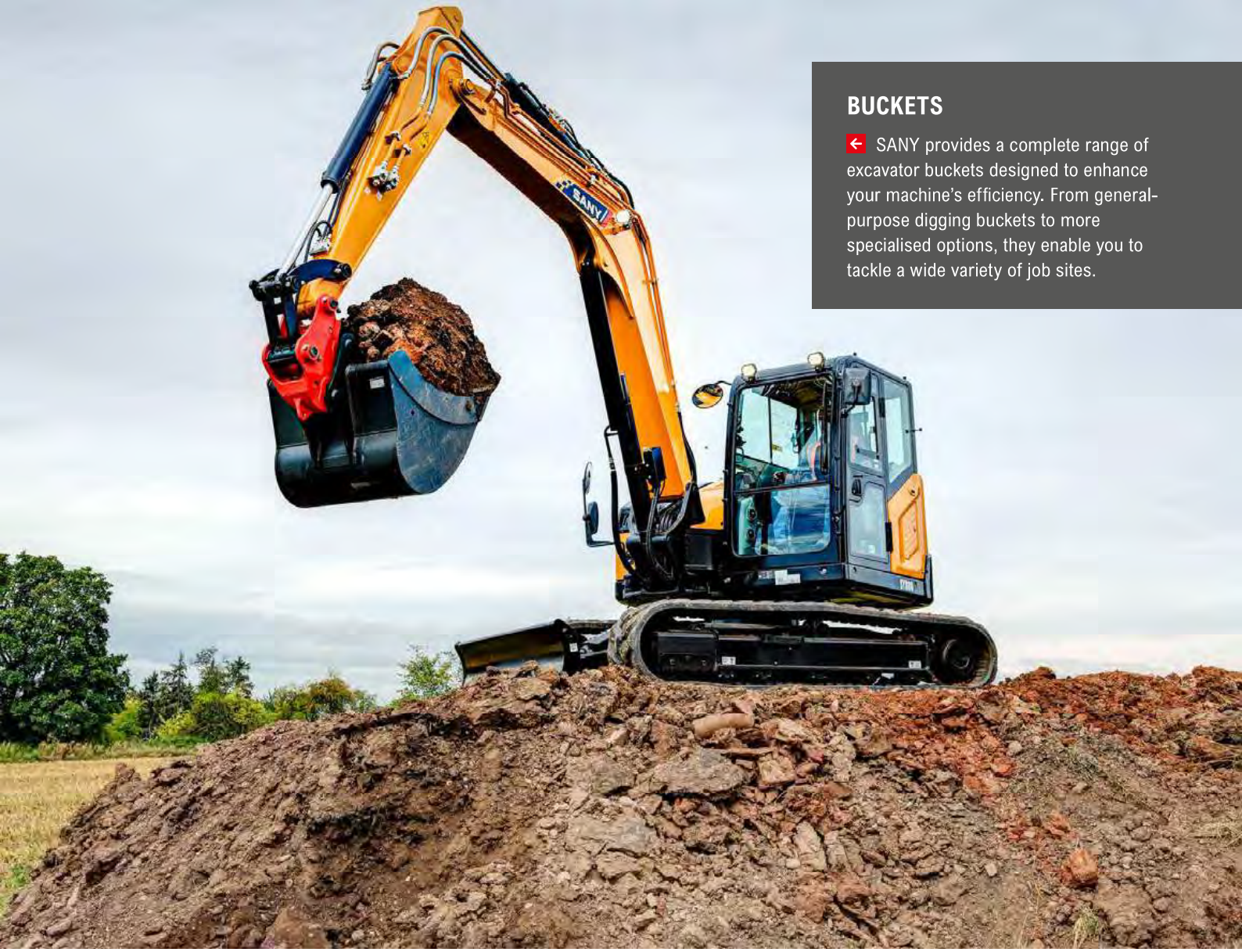
With extended 500-hour service intervals, maintenance frequency is reduced, lowering operating costs and improving machine availability.

Real-time health alerts, remote diagnostics, and scheduled maintenance via SANY EVI telematics work together to enhance reliability and extend machine life.

SY80U / SY80U PB

ATTACHMENTS

SANY machines offer extended capability through a broad selection of easily interchangeable attachments. This range enables efficient performance across varied tasks such as digging, drilling, land clearing, material handling, and demolition.



BUCKETS

SANY provides a complete range of excavator buckets designed to enhance your machine's efficiency. From general-purpose digging buckets to more specialised options, they enable you to tackle a wide variety of job sites.

QUICK HITCH

Equipped with quick hitches as standard, SANY machines enable rapid attachment changes, helping you get more done in less time. By reducing manual labour and ensuring a secure fit, they expand the machine's versatility and keep your operations running smoothly.

BREAKERS

SANY breakers have been designed to deliver powerful breaking performance, long-lasting durability, and high efficiency. They are suitable for a wide range of applications such as quarry, tunneling, civil construction, trenching, road & landscaping etc.

GRABS

SANY excavator grabs deliver powerful, reliable material handling with high clamping force, smooth hydraulic control and durable steel construction. The result is a cost-effective, high-performance attachment that boosts productivity and control on every job.*

*SANY attachment options may vary depending on country.

SY80U / SY80U PB

YOUR UPTIME. OUR PRIORITY.

Rely on SANY's value-added aftermarket services to keep your equipment operating at peak efficiency. From proactive maintenance to reducing unexpected downtime and controlling operating costs, we provide the support your business depends on. Our European service solutions further boost performance, streamline maintenance tasks, and improve profitability across your fleet.

5 YEAR WARRANTY

Built on a global reputation for reliability and durability, SANY excavators come with an unmatched 5-year warranty* – one of the strongest in the industry.

It's a clear statement of the confidence we have in our machines and our commitment to your uptime. Your investment is protected from day one, giving you the assurance that if an issue arises, you're fully covered.

*Terms and conditions apply.

SERVICE AND SUPPORT

SANY's extensive network of certified technicians and dealer partners provides on-site service and technical expertise designed to minimise downtime and maintain peak machine performance.

Working in coordination with our advanced manufacturing facilities in China, our European teams combine global engineering capability with practical local support.

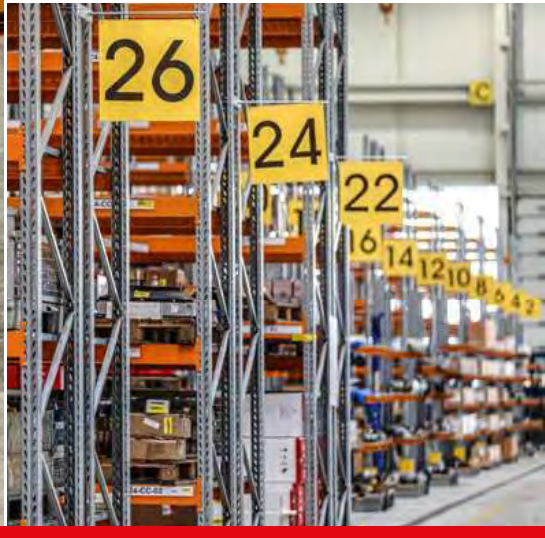
SANY GENUINE PARTS

SANY genuine parts are engineered, rigorously tested, and manufactured to the exact specifications required by your machine. Their precise fit and compatibility guarantee maximum performance and system integrity.

By maintaining correct operational tolerances, they enhance on-site safety and significantly reduce the risk of unplanned failures or downtime. All genuine parts are supported by a 12-month warranty for added assurance.







SY80U / SY80U PB

INTELLIGENT SUPPORT

SANY's connected tools give you clarity, confidence, and control on every project. ROOTPILOT brings precision to the bucket; EVI Telematics brings visibility to the fleet. Together, they reduce downtime, cut costs, and boost productivity. Smart technology – driving your success.



EVI e.vision

Designed exclusively for Europe, our digital fleet management system EVI gives you complete visibility of your machines whenever and wherever you need it. By simplifying fleet oversight, it enables better decision-making, lowers costs, and improves uptime across your operations. With built-in safety and security features that let you monitor location and usage in real time, you gain greater control and peace of mind.

Key benefits include:

- Enhanced fleet visibility and remote machine management
- Set authorised operating hours and create geofenced security zones to reduce theft risk and misuse
- Greater visibility of routine checks and machine health
- Multi-channel, real-time communication for faster decision-making
- Operating report analysis for smarter, data-led decision-making
- Customer account management for personalised, data-backed communication

SANY ROOTPILOT

SANY ROOTPILOT is a high-precision 3D machine-control system that uses GNSS, IMU sensors, and smart algorithms to guide excavators in real time. It gives operators clear, intuitive 3D feedback for faster, safer, and more accurate digging.

ROOTPILOT installs quickly, works with multiple machines and attachments, and syncs designs through the cloud so every operator works from the same plan. It's ideal for highways, municipal works, and foundation projects where precision is critical.

Available in Fundamental and Premium versions, ROOTPILOT supports everything from basic grading to full 3D model guidance, offsets, layer control, and complex digital designs.

Main customer benefits:

- ±3 cm accuracy for first-time-right excavation
- Avoidance of underground utilities and hazards
- Lower fuel, labour, and rework costs
- Faster production with fewer survey checks
- Works with 2D or full 3D design models
- Boosts operator confidence and consistency

SY80U / SY80U PB

SPECIFICATION

ENGINE

	SY80U	SY80U PB
Model	Yanmar 4TNV98CT	Yanmar 4TNV98CT
Type	In line, Water cooled, 4 Cycle, Turbo charging	In line, Water cooled, 4 Cycle, Turbo charging
Exhaust emissions	Stage V	Stage V
Rated power	53.3 Kw @ 2,100 rpm	53.3 Kw @ 2,100 rpm
Max. torque	295.5 Nm @ 1,365 mm	295.5 Nm @ 1,365 mm
Displacement	3319 cc	3319 cc

HYDRAULIC SYSTEM

	SY80U	SY80U PB
Main pump	Variable axial piston pump, load-sensing controlled.	Variable axial piston pump, load-sensing controlled.
Max. oil flow	190 l/min	190 l/min
Travel motor	Variable displacement axial piston motor motor.	Variable displacement axial piston motor motor.
Swing motor	Axial piston.	Axial piston.
Max. oil flow (AUX 1)	100 l/min	100 l/min

PERFORMANCE

	SY80U	SY80U PB
Swing speed	10.2 rpm	11 rpm
Max. travel speed	High 4.5 km/h	High 4.5 km/h
Max. travel force	70 kN	70 kN
Gradeability	58%/30°	58%/30°
Bucket capacity	0.28 m^3	0.28 m^3
Ground pressure	37.9 kPa	40 kPa
Bucket digging force (ISO)	62.3 kN	59 kN
Arm digging force (ISO)	40.5 kN	44.5 kN

SERVICE REFILL CAPACITIES

	SY80U	SY80U PB
Fuel tank	100 L	100 L
Engine coolant	12 L	12 L
Engine oil	8.5 L	8.5 L
Drive (per side)	1.1 L	1.1 L
Hydraulic system	120 L	120 L

Based on theoretical calculation at max flow with no load.

Subject to alterations.

In the interest of continual equipment development, SANY reserves the right to change these specifications at any time without prior notification.

OPERATING WEIGHT

	SY80U	SY80U PB
Cab	8,800 kg	9,580 kg

Note: Includes 75kg (165 lb) operator, full fuel tank and excludes any attachments or hitch.

UNDER & UPPER STRUCTURE

	SY80U	SY80U PB
Boom length	3,520 mm	2,040 / 2,190 mm
Arm length	2,050 mm / 1,622 mm (Opt)	2,050 mm / 1,622 mm (Opt)
Bottom rollers	5	5
Top rollers	Axial piston motor, planetary gear, single row slewing ring, hydraulic parking brake.	Axial piston motor, planetary gear, single row slewing ring, hydraulic parking brake.
Rotation device	Reinforced undercarriage. Welded drive frame.	Reinforced undercarriage. Welded drive frame.

RELIEF VALVE SETTINGS

	SY80U	SY80U PB
Implement circuit	28 MPa	28 MPa
Swing circuit	21 MPa	21 MPa
Travel circuit	28 MPa	28 MPa
Pilot circuit	3.5 MPa	3.5 MPa

SOUND LEVEL

	SY80U	SY80U PB
Noise level inside cabin	72 dB(A)	72 dB(A)
Noise guaranteed value	99 dB(A)	99 dB(A)

SY80U / SY80U PB

SPECIFICATION

SY80U LIFTING CAPACITIES - DOZER BLADE DOWN

Load Point Height (B)	Radius (A) 3.0 m		4.0 m		5.0 m		Digging Reach Max	
5.0 m kg			*1960	*1960	*1800	1338	*1710	1325
4.0 m kg			*2080	*2080	*2085	1345	*1225	1055
3.0 m kg	*3100	*3100	*2540	1875	*2275	1315	*1585	930
2.0 m kg	*4745	2675	*3180	1760	*2570	1260	*1630	865
1.0 m kg	*4325	2450	*3745	1650	*2845	1205	*1750	855
Ground line kg	*4850	2390	*4020	1590	*2995	1170	*1965	885
–1.0 m kg	*5670	2360	*3950	1550	*2935	1140	*2370	995
–2.0 m kg	*4915	2375	*3490	1550	*2445	1150	*2400	1185
–3.0 m kg	*3385	2450					*2290	1735

SY80U LIFTING CAPACITIES - DOZER BLADE UP

Load Point Height (B)	Radius (A) 3.0 m		4.0 m		5.0 m		Digging Reach Max	
5.0 m kg			*1960	*1960	*1800	1338	1710	1325
4.0 m kg			*2080	*2080	*2085	1345	*1225	1055
3.0 m kg	*3100	*3100	*2540	1875	1770	1315	1285	930
2.0 m kg	3850	2675	2425	1760	1715	1260	1185	865
1.0 m kg	3595	2450	2305	1650	1655	1205	1170	855
Ground line kg	3525	2390	2240	1590	1615	1170	1215	885
–1.0 m kg	3490	2360	2195	1550	1585	1140	1360	995
–2.0 m kg	3510	2375	2195	1550	1600	1150	1630	1185
–3.0 m kg	*3385	2450					*2290	1735

SY80U LIFTING CAPACITIES - DOZER BLADE DOWN (WITH 260KG COUNTERWEIGHT)

Load Point Height (B)	Radius (A) 3.0 m		4.0 m		5.0 m		Digging Reach Max	
5.0 m kg			*1960	*1960	*1800	1450	*1710	1435
4.0 m kg			*2080	*2080	*2085	1455	*1225	1150
3.0 m kg	*3100	*3100	*2540	2020	*2275	1420	*1585	1030
2.0 m kg	*4745	2890	*3180	1905	*2570	1370	*1630	950
1.0 m kg	*4325	2665	*3745	1795	*2845	1315	*1750	935
Ground line kg	*4850	2605	*4020	1740	*2995	1280	*1965	970
–1.0 m kg	*5670	2575	*3950	1695	*2935	1250	*2370	1080
–2.0 m kg	*4915	2590	*3490	1695	*2445	1260	*2400	1295
–3.0 m kg	*3385	2670					*2290	1885

SY80U LIFTING CAPACITIES - DOZER BLADE UP (WITH 260KG COUNTERWEIGHT)

Load Point Height (B)	Radius (A) 3.0 m		4.0 m		5.0 m		Digging Reach Max	
5.0 m kg			*1960	*1960	*1800	1450	*1710	1435
4.0 m kg			*2080	*2080	1840	1455	*1225	1150
3.0 m kg	*3100	*3100	*2540	2020	1805	1420	1315	1030
2.0 m kg	3875	2890	2460	1905	1750	1370	1215	950
1.0 m kg	3625	2665	2345	1795	1690	1315	1200	935
Ground line kg	3555	2605	2280	1740	1655	1280	1245	970
–1.0 m kg	3520	2575	2235	1695	1620	1250	1395	1080
–2.0 m kg	3540	2590	2235	1695	1635	1260	1665	1295
–3.0 m kg	*3385	2670					*2290	1885

SY80U PB LIFTING CAPACITIES - DOZER BLADE DOWN

Load Point Height (B)	Radius (A) 3.0 m		4.0 m		5.0 m		Digging Reach Max	
6.0 m kg	*2995	2045					*1970	1165
5.0 m kg	*3150	2065	*3160	1395			*1525	930
4.0 m kg	*3350	1995	*2875	1370	*1235	995	*1645	890
3.0 m kg	*3565	1860	*3185	1305	*1060	960	*1380	795
2.0 m kg	*3680	1740	*3010	1235	*1195	910	*1285	740
1.0 m kg	*3605	1535	*2855	1130	*1180	870	*1260	730
Ground line kg	*3470	1460	*2670	1080	*1710	805	*985	730
–1.0 m kg	*3430	1440	*2635	1065	*2055	835	*1065	805
–2.0 m kg	*3475	1465	*2670	1080			*1245	940
–3.0 m kg	*3620	1540					*1680	1265

SY80U PB LIFTING CAPACITIES - DOZER BLADE UP

Load Point Height (B)	Radius (A) 3.0 m		4.0 m		5.0 m		Digging Reach Max	
6.0 m kg	*1780	2045					*1530	1165
5.0 m kg	*1875	2065	*1815	1395			*1175	930
4.0 m kg	1975	1995	1790	1370	1235	995	*1270	890
3.0 m kg	2100	1860	1720	1305	1060	960	1065	795
2.0 m kg	2165	1740	1625	1235	1195	910	1000	740
1.0 m kg	2125	1535	1540	1130	1180	870	980	730
Ground line kg	2040	1460	1485	1080	955	805	765	730
–1.0 m kg	2020	1440	1465	1065	1140	835	830	805
–2.0 m kg	2045	1465	1480	1080			975	940
–3.0 m kg	2130	1540					1310	1265

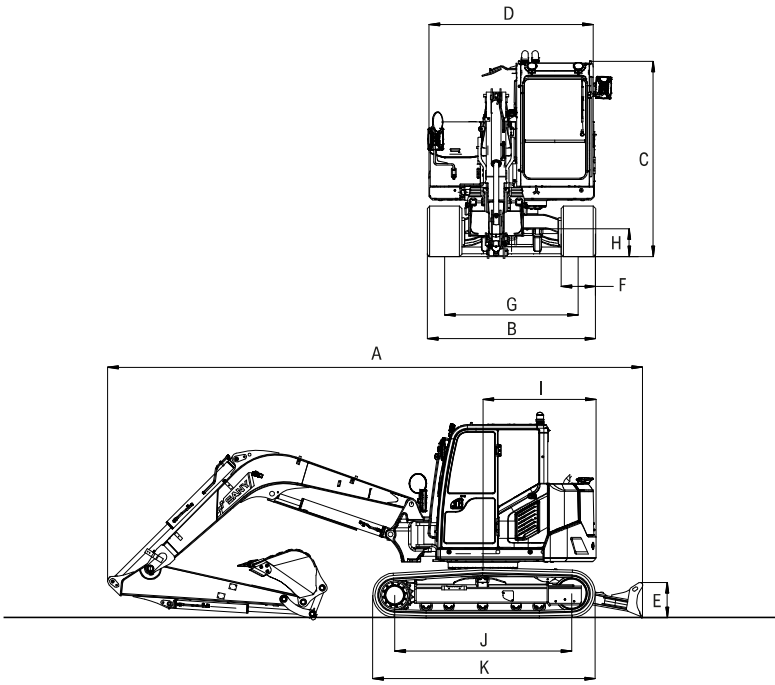
1. This capability is calculated according to GB/T 13331, ISO10567 standards.The limiting coefficient of the hydraulic system is 0.87, and the tipping coefficient is 0.75.
2. Marked with * is limited by hydraulic pressure, marked without * is limited by stability.
3. The lifting point is the support hole in front of the bucket rod (excluding the weight of the bucket). If there are additional accessories such as buckets, they should be deducted from the above lifting weight.
4. A- Radius of loading point (m), B- Loading point height (m).

SY80U / SY80U PB

SPECIFICATION

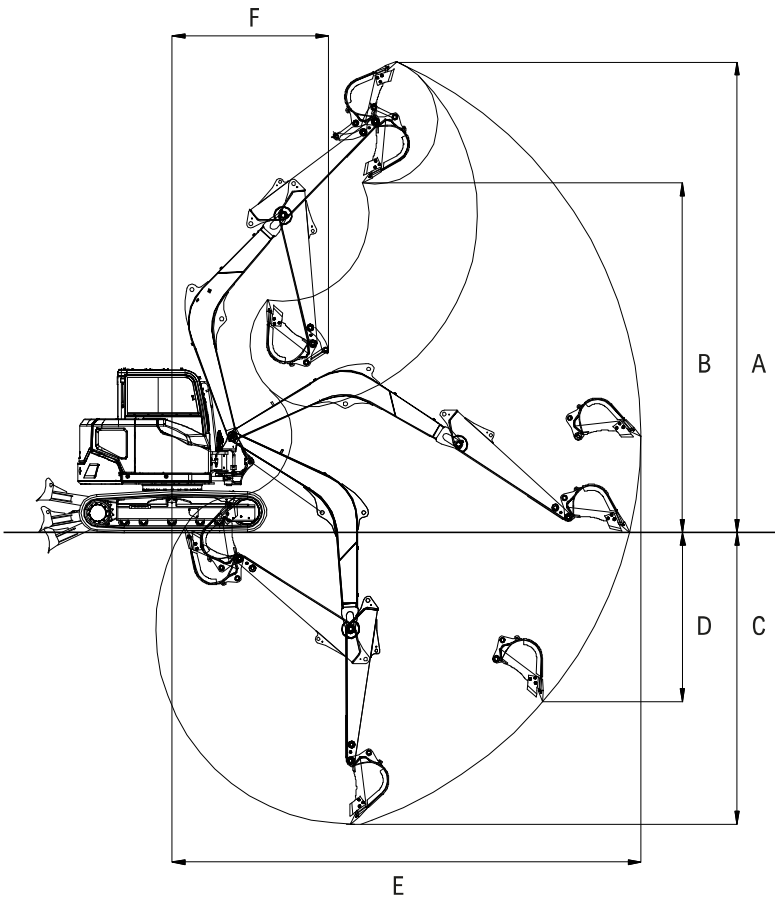
DIMENSIONS (TRANSPORT)

		SY80U	SY80U PB
A	Transport length	7,010 mm	7,010 mm
B	Transport width	2,200 mm	2,200 mm
C	Height over cabin / ROPS	2,550 mm	2,550 mm
D	Upper structure width	2,200 mm	2,200 mm
E	Blade height	460 mm	460 mm
F	Track width	450 mm	450 mm
G	Track gauge	1,750 mm	1,750 mm
H	Min. ground clearance	365 mm	365 mm
I	Tail swing radius	1,480 mm	1,585 mm
J	Track ground length	2,315 mm	2,315 mm
K	Track length	2,915 mm	2,915 mm
	Track height	660 mm	660 mm
	Counterweight clearance	745 mm	745 mm
	Height of boom – transport	2,220 mm	2,380 mm
	Undercarriage width (blade)	2,200 mm	2,200 mm
	Horizontal distance to blade	2,080 mm	2,080 mm
	Engine cover height	1,880 mm	1,880 mm



WORKING AREA

		SY80U	SY80U PB
A	Max. digging height	7,315 mm	8,100 mm
B	Max. dumping height	5,430 mm	6,160 mm
C	Max. digging depth	4,535 mm	4,520 mm
D	Max. vertical digging depth	2,490 mm	4,150 mm
E	Max. digging reach	7,290 mm	7,740 mm
F	Min. swing radius	2,435 mm	2,590 mm
	Maximum height at minimum swing radius	5,490 mm	5,955 mm
	Max. clearance with blade up	480 mm	480 mm
	Max. blade digging depth (blade down)	325 mm	325 mm
	Left offset distance of boom	675 mm	675 mm
	Right offset distance of boom	585 mm	585 mm
	Left offset angle of boom	65°	65°
	Right offset angle of boom	51°	51°
	Min. dumping height	1,915 mm	2,645 mm



SY80U / SY80U PB

STANDARD/OPTIONAL EQUIPMENT

OPERATORS COMFORT / CAB

	SY80U	SY80U PB
Mechanical suspension seat	•	•
Adjustable armrests	•	•
Manual air conditioning system	•	•
Bluetooth radio & speaker	•	•
12V outlet	•	•
AUX 1 on joystick	•	•
AUX 2 on joystick	•	•
Cupholder	•	•

WORKING LIGHTS

	SY80U	SY80U PB
Light x 2 – Front (LED)	•	•
Light x 1 – boom (LED)	•	•
Light x 1 – rear (LED)	•	•
Magnetic beacon	•	•

UNDERCARRIAGE

	SY80U	SY80U PB
Rubber tracks (450 mm)	•	•
Steel tracks (450 mm / 600 mm)	OPT	OPT
Cylinder guards – dozer blade	•	•
Holes / loops for fixing	•	•

ENGINE

	SY80U	SY80U PB
Diesel filter	•	•
Air filter	•	•
Air filter guard	•	•

SAFETY

	SY80U	SY80U PB
ROPS and FOPS cab	•	•
Battery master switch	•	•
Travel alarm	•	•
Emergency stop button	•	•
Rearview camera	•	•
Retractable seatbelt	•	•
Seatbelt alarm	OPT	OPT
Lockable bonnet	•	•
EVI telematics	•	•

WORKING EQUIPMENT

	SY80U	SY80U PB
Boom and arm load holding valves with overload indicator	•	•
Cylinder guards - boom	•	•
Double acting circuit for hydraulic quick coupler with piping	•	•
Breaker & shear line proportional on joystick with piping	•	•
Rotation line proprtional on joystick with piping	•	•
2,050 mm Arm	•	•
1,622 mm Arm	OPT	OPT
260 kg counterweight	OPT	OPT
400 kg counterweight	N/A	OPT

HYDRAULIC SYSTEM

	SY80U	SY80U PB
Swing brake	•	•
2 speed travel	•	•
Main filter	•	•
Piping for Aux 1 control circuit	•	•
Piping for Aux 2 control circuit	•	•
Hydraulic pilot control of the joysticks	•	•

The standard and optional equipment can differ depending on the country in which the machine is delivered. Please contact your local dealer for more information.

SANY

FORGING THE FUTURE TOGETHER

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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. Machines shown may feature additional options other than the standard machine specification.

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