

SY235H

MEDIUM HYDRAULIC EXCAVATOR 53,973 LBS OPERATING WEIGHT
164 HP NET HORSEPOWER
21.1 FT MAX DIGGING DEPTH



WHERE **POWER MEETS**
PRECISION

EASY TO OWN, OPERATE, & SERVICE

INDUSTRY'S
STRONGEST
STANDARD
WARRANTY

5-YEAR*
5,000 HOURS

*Warranty applies to 2026 Excavator and Wheel Loader models



MADE FOR AMERICAN OPERATORS

In the heart of Kansas, a hardworking farmer depends on his SY235H to clear land and dig a new pond for his herd. Every job matters, and his excavator is built to handle them all. The proven Cummins engine and smooth pilot hydraulics give him the power and control he needs, and the 5-year/5,000-hour warranty protects his investment with every hour of work. With support from his local dealer and the SANY America team, he knows his machine will be ready when the job demands it. For farmers like him, SANY provides critical tools he depends on to get the toughest work done.



LC | LONG CHASSIS (LC)

The SY235H's standard long chassis extends the excavator's track frame and adds extra rollers to increase ground contact, lower ground pressure, and improve stability when digging or lifting. Standard 800 mm triple-grouser wide tracks boost traction and stability, giving operators a more planted, predictable machine.



🔒 | QUICK COUPLER COMPATIBLE

The SY235H comes standard with factory quick-coupler plumbing and cab controls, with OEM couplers available through your local SANY dealer. This makes adding a coupler less expensive, easy, and fully integrated. Couplers improve jobsite efficiency, simplify transport, and increase versatility, giving you more capability from the same machine.



🔧 | COMPONENTS YOU TRUST

The SY235H is built with components by brands you know and trust. From Cummins to Kawasaki to Parker, you're getting a machine made with familiar, proven, reliable systems that offer ample support. It's an ecosystem of dependable components that make ownership easier.



👉 | EFFICIENT BY DESIGN

The SY235H is engineered for efficiency, combining a fuel-efficient powertrain with responsive hydraulics to deliver quick cycle times and digging performance. Strong breakout forces and excellent lift capacities help complete tough tasks faster, reducing passes, saving fuel, and keeping production moving day.



🔧 | AUXILIARY HYDRAULICS

The SY235H includes factory-installed auxiliary hydraulics: a high-flow primary circuit, a dedicated rotate circuit, and a case drain. The primary circuit supports one-way flow, two-way flow and continuous flow. All auxiliary pressure and flow settings are easily adjustable from the cab display.

95 GPM

on primary auxillary circuit

A MACHINE THAT'S EASY TO OWN

This 20-ton class excavator is built for versatility, giving you one machine that can take on a wide range of jobs—utility trenching with a long-stick configuration, forestry mulching and land clearing plus digging footers and loading trucks—while still being easy to transport. Factory quick-coupler plumbing and auxiliary hydraulic lines make attachment changes fast adding flexibility without added hassle. And because it's built with components from brands you already trust—familiar, proven, and well-supported—you get confidence in long-term reliability. Paired with a chassis designed to take a beating while maintaining stability and safety, the SY235H works hard, adapts easily and makes ownership feel effortless day after day.

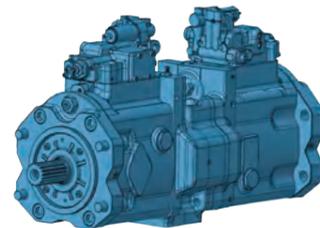
RELIABLE FROM THE INSIDE OUT

Working long hours, protecting your crew and keeping revenue flowing, the SY235H is built to be truly reliable—engineered to withstand thousands of hours in the toughest conditions. Its structural design handles the stress of constant digging and lifting, while the hydraulic system delivers consistent power, force and pressure. The powertrain runs at thousands of RPM all day long to keep the hydraulic pumps working without a break. Every design choice is made to minimize downtime and maximize productivity. That's why it's backed by a 5-year / 5,000-hour standard warranty—delivering reliability that doesn't compromise your schedule.



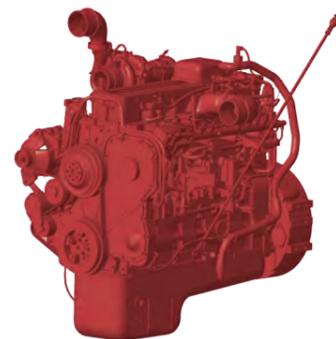
STRUCTURAL INTEGRITY

SANY machines don't cut corners on steel. We build each machine with the material it needs to deliver strength, stability and durability. Reinforced booms and sticks with internal ribbing add stiffness and rigidity, while the reinforced X-frame undercarriage is built to take a beating on the toughest terrain. In our state-of-the-art factories, robotic welding and CNC cutting ensure every part fits properly and is welded to last. Strict quality control then confirms the structural integrity meets our standards before it ever reaches your jobsite.



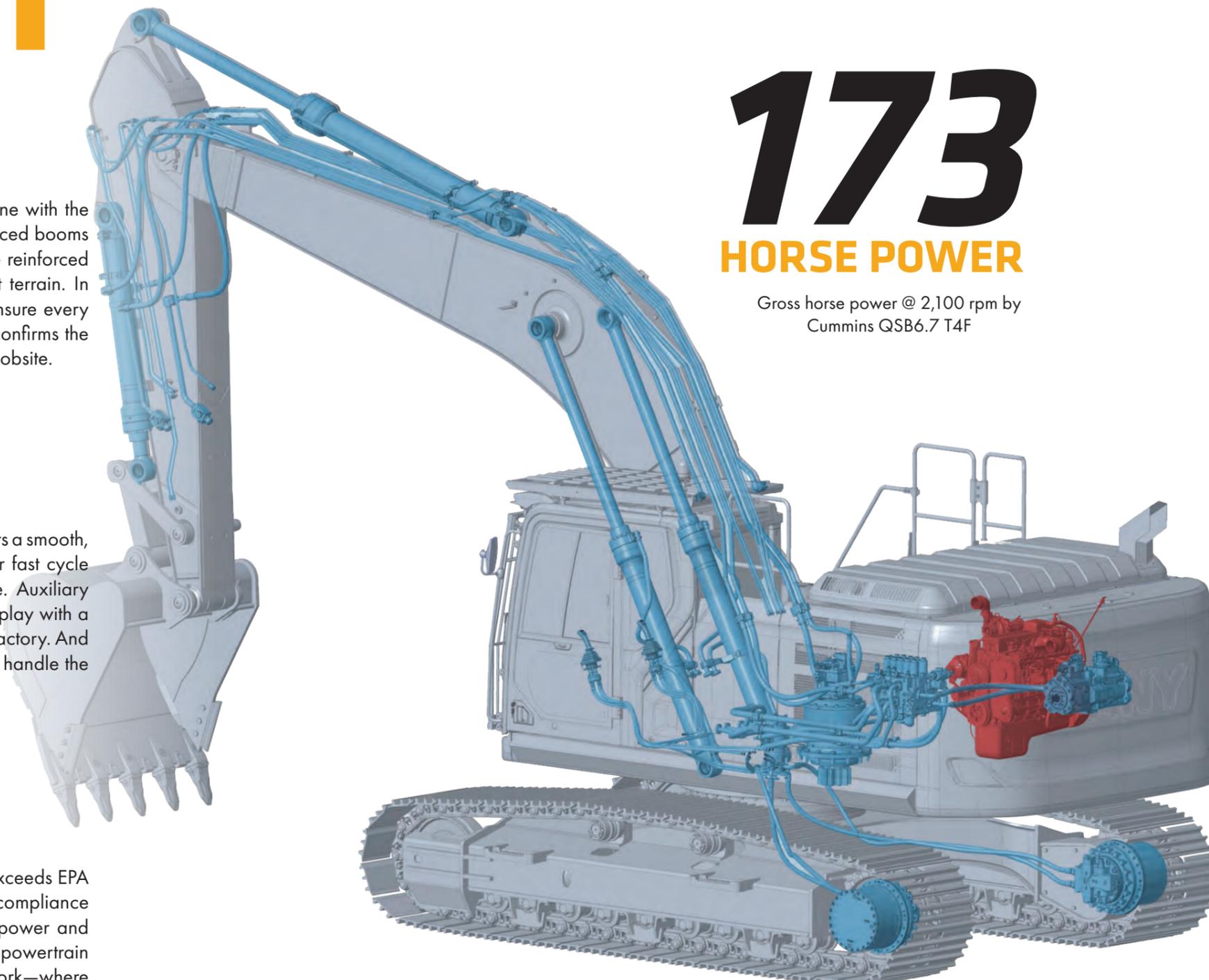
HYDRAULIC SYSTEM

The SY235H uses a pilot-controlled hydraulic system giving operators a smooth, predictable feel at the controls. Its load-sensing hydraulics deliver fast cycle speeds, strong breakout forces and excellent lifting performance. Auxiliary hydraulic pressure and flow are easily adjustable from the cab display with a case drain and dedicated rotate circuit included standard from the factory. And with Parker hydraulic components throughout, the system is built to handle the high stress and demanding work your projects require.



POWERTRAIN BY CUMMINS

Powered by a Cummins QSB6.7 T4F diesel engine that meets or exceeds EPA emissions regulations, the SY235H provides the efficiency and compliance your business needs. With 164 hp at 2,100 rpm, it delivers the power and torque to run day and night on the most demanding jobsites. It's a powertrain you already know and trust—backed by a major support network—where parts, service and expertise are always within reach. That means more uptime, less worry and a machine that works as hard as you do.



173

HORSE POWER

Gross horse power @ 2,100 rpm by
Cummins QSB6.7 T4F

18+ FEATURES

specifically designed for operator
and jobsite safety.



SAFETY PRIORITIZED

We design for safety first. Operators get secure handrails, steps, and anti-slip on top, OEM FOPS cab guarding, and a ROPS-verified cab with multiple exit points. A three-inch seatbelt, emergency shut-off and fire extinguisher add protection inside, while cameras, alarms, and 360° lighting enhance awareness for a safer jobsite.

SY235H



MEDIUM HYDRAULIC EXCAVATOR **53,973 LBS** OPERATING WEIGHT
164 HP NET HORSEPOWER
21.2 FT MAX DIGGING DEPTH

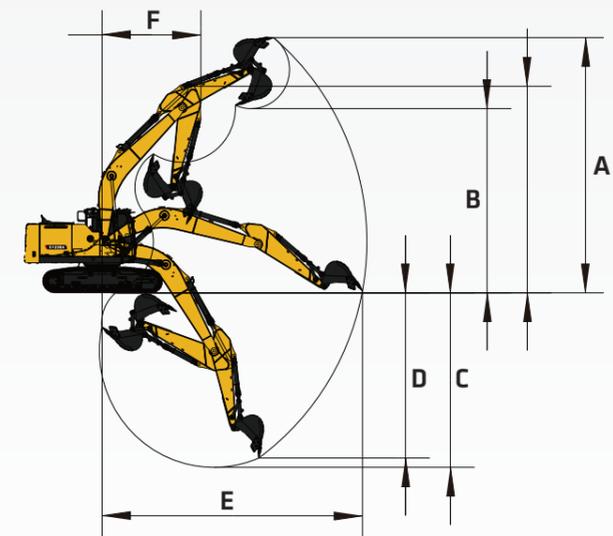
TECHNICAL SPECIFICATIONS

MACHINE DATA	
Operating Weight*	53,973 lbs
Ground Pressure	5.4 psi
Engine	Cummins QSB6.7 T4F
Displacement	6.7 L
Gross Power	173 HP
Hydraulics	Positive Flow Control w/Pilot Control
Main Hydraulic Pump	Axial Piston - Variable Displacement
Operating Flow (maximum)	2 x 60 gal/min
Operating Pressure (maximum)	4,975 psi
Travel Motor	Axial Piston with Park Brake
Travel Pressure (maximum)	4,975 psi
Travel Speeds (maximum)	2.1 / 3.4 mph
Travel Effort (maximum)	49,908 lbf
Grade Capability (maximum)	35°
Swing Motor	Axial Piston with Planetary Reducer
Swing Pressure (maximum)	3,989 psi
Swing Speed (maximum)	11.1 RPM
Undercarriage (standard)	Steel Track
Track Shoe Width (standard)	31"
Track Rollers (per side)	9
Carrier Rollers (per side)	2

WORKING SPECIFICATIONS

WORKING RANGE	
Boom Length	18' 8"
Stick (Arm) Length	9' 7"
A Maximum Digging Height	31' 11"
B Maximum Dumping Height	22' 1"
C Maximum Digging Depth	21' 2"
D Maximum Vertical Wall Digging Depth	19' 1"
E Maximum Reach at Ground Level	31' 11"
F Minimum Swing Radius	11' 10"

DIGGING PERFORMANCE	
Boom Length	18' 8"
Stick (Arm) Length	9' 7"
Bucket Breakout Force (ISO)	33,721 lbf
Stick (Arm) Digging Force (ISO)	26,303 lbf



*Operating weight is for the SY235H with no attachments, and standard stick.
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MEDIUM HYDRAULIC EXCAVATOR SY235H

STANDARD FEATURES

ENGINE

- Cummins QSB6.7 T4F
- Auto-idle & Auto-idle-shutdown
- Dual-element dry air filter
- Batteries 24V (2 - 12V)
- Coolant Expansion tank
- Electronic engine control
- Enclosed fan guard
- Engine coolant to -34 deg. F
- Fuel filter with water separator
- Full-flow oil filter
- Turbocharger with charge air cooler
- High flow hydraulically powered cooling fan
- 500-hour engine-oil-change interval
- 70% (35 deg.) off-level capability
- Engine air precleaner
- Severe-duty fuel filter

HYDRAULIC SYSTEM

- Spring-applied, hydraulically released automatic swing brake
- Auxiliary hydraulic-flow adjustments through monitor
- Control pattern change valve
- Auxiliary hydraulics with 1 and 2-way combination piping for high flow
- Auxiliary hydraulics with 2- way rotation piping and controls
- Auxiliary pilot and electric controls
- Quick coupler plumbing and control

UNDERCARRIAGE

- Planetary drive with axial piston motors
- Propel motor shields
- Spring-applied, hydraulically released automatic propel brake
- Track guides, front idler and 2 additional per side
- 2-speed travel selection
- Upper carrier rollers (2)
- Sealed and lubricated track chain
- Triple semi-grouser shoes, 31"
- Undercarriage frame opening guard

BOOM & STICK

- Boom 18' 8"
- Stick, 9' 7"

UPPERSTRUCTURE

- Right-hand, left-hand, and counterweight mirrors
- Vandal lock: Cab door /Service door/ Toolbox/Cab Filter
- Debris screen in side panel
- Remote-mounted engine oil and fuel filters
- Heavy duty triangle channel frame guard

ATTACHMENTS

- Convenient grease points
- Centralized lubrication system
- Dirt seals on all bucket pins
- Oil-impregnated bushings
- Reinforced resin thrust plates
- Buckets: Heavy duty / Heavy-duty high capacity / Side cutter and teeth

OPERATOR'S STATION

- Adjustable independent-control positions
- AM/FM radio with USB charging and Bluetooth® connectivity
- Auto climate control/air conditioner/heater/pressurizer
- Built-in Operator's Manual storage compartment and manual
- 12 and 24V outlets 60 watt 5 amp
- Deluxe heated air suspension cloth seat with adjustable armrests
- Heavy duty rubber floor mat
- Front windshield wiper with intermittent speeds
- Illuminated gauge: diesel exhaust fluid, engine coolant, and fuel levels
- Horn, electric
- Hour meter, electric
- Hydraulic shutoff lever, all controls
- Interior light
- Large cup holder
- Digital Power mode selection: 3 power modes
- Digital tool selection: bucket, shear, hammer, etc.
- 10" Touch screen LCD monitor
- Motion alarm with cancel switch (conforms to SAE J994)
- Auxiliary hydraulic control switches in right console lever
- 3" Orange retractable seat belt
- Transparent overhead hatch
- Heated or cooled food/beverage storage
- Hydraulic oil filter restriction indicator light
- Protection screens for cab front, rear, and side (optional)

ELECTRICAL

- 60-amp alternator
- Ground level electrical disconnect (lockout tag out)
- Blade-type multi-fused circuits
- Positive-terminal battery covers
- Rearview and blind-side camera

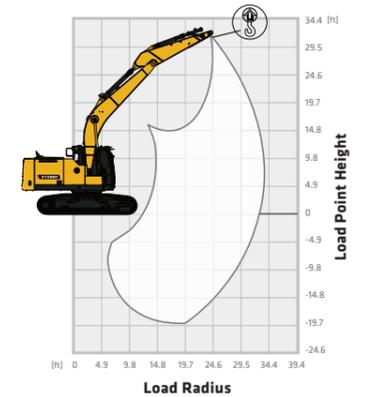
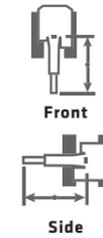
LIGHTS

- Bright LED worklight package

LIFTING PERFORMANCE

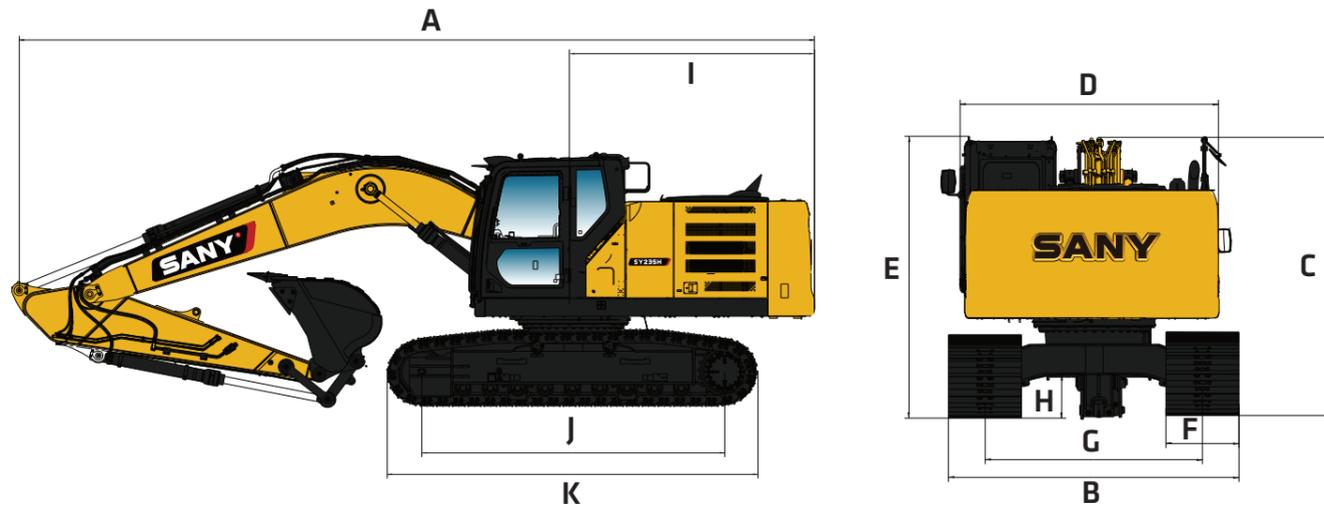
- Standard 18' 8" Boom
- Standard 9' 7" Stick
- Standard 31" Track Shoes
- No Bucket

Ratings are based on ISO 10567:2007. Lift capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of hydraulic lifting capacity.



9' 7" Stick

LOAD RADIUS	9.8 FT		14.8 FT		19.7 FT		24.6 FT		29.5 FT	
LOAD POINT HEIGHT										
19.7 ft										
14.8 ft							7,096 lbs*	7,096lbs	6,816 lbs*	6,816 lbs
9.8 ft			14,330 lbs*	14,330 lbs*	11,854 lbs*	11,854 lbs*	9,129 lbs*	9,129 lbs*	9,499 lbs*	7,515 lbs
4.9 ft			18,281 lbs*	18,281 lbs	13,876 lbs*	13,876 lbs	9,627 lbs*	9,627 lbs	8,335 lbs*	7,354 lbs
0 ft	16,929 lbs*	16,929 lbs*	21,136 lbs*	21,136 lbs	15,551 lbs*	12,710 lbs	10,569 lbs*	10,569 lbs	8,196 lbs	7,220 lbs
-4.9 ft	22,198 lbs*	22,198 lbs	18,777 lbs*	18,777 lbs	16,484lbs*	12,375 lbs	11,660 lbs*	9,614 lbs		
-9.8 ft	31,352 lbs*	31,352 lbs*	18,704 lbs*	18,704 lbs	16,372 lbs*	12,293 lbs	10,620 lbs	9,305 lbs		
-14.8 ft	28,299 lbs*	28,299 lbs*	19,795 lbs*	19,795 lbs	14,568 lbs*	12,505 lbs	10,428 lbs	9,120 lbs		



CONNECTED, INFORMED, IN CONTROL TECHNOLOGY

CONNECTED EVI TELEMATICS

EVI is SANY's proprietary telematics platform and is available through your local dealer on excavators. This dashboard lets you track and geofence the machine, view reports on consumption and run time, monitor error codes and manage your SANY fleet—all with more features continually being launched to keep you connected and in control.

GRADE CONTROL COMPATIBLE

The SY235H works with most major 3D indicate grade control systems, giving operators better accuracy and faster results. This compatibility helps reduce rework, improve efficiency and keep production moving—so your machine delivers more value on every job.

INFORMATION AT YOUR FINGERTIPS

The 10-inch touchscreen display is the operator's hub, showing key machine metrics like fuel and DEF levels, engine and hydraulic temperatures, service codes and more. It also displays multiple camera views, allows quick adjustment of HVAC, and radio, while also supporting Bluetooth hands-free calling, operator presets, and attachment configuration—all in one easy-to-use central command center.

DIMENSIONS

Boom Length	18' 8"
Stick (Arm) Length	9' 7"
A Transport Length	31' 7"
B Transport Width	9' 5"
C Transport Height	10' 9"
D Upper Structure Width	9' 4"
E Cab Height	10' 4"
F Track Width (standard shoe)	31"
G Track Gauge	7' 9"
H Ground Clearance	1' 6"
I Tail Swing Radius	9' 6"
J Track Length on Ground	11' 11"
K Track Length	14' 7"

SERVICE REFILL CAPACITIES

Fuel Tank Capacity	97.7 gal
DEF Tank Capacity	11.9 gal
Hydraulic Tank Capacity	74.0 gal
Engine Oil Capacity	7.1 gal
Cooling System Capacity	7.3 gal

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

Perform tasks and view important data all through one display.

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BUILT AROUND THE OPERATOR

16
POINTS

of seat adjustability plus heated and cooled functions.

DESIGNED FOR COMFORT ALL SHIFT LONG

This spacious cab is built for comfort and intuitiveness with safety and ergonomics at the core. The seat offers 16 adjustment points to achieve the ideal position plus heated and cooled functions for all-day comfort. SANY's E-panel places common functions within easy reach and the touchscreen display serves as the control hub. Upgraded HVAC keeps the cab comfortable in any weather, while Bluetooth connectivity and improved noise isolation allow clear hands-free calls. Large glass panels maximize visibility of the work area, helping operators stay confident and productive throughout the shift.



CUSTOM OPERATOR ERGONOMICS

The 16-way adjustable air-ride seat gives operators complete control over their seating position—height, distance, and angle—so they can align perfectly with the joysticks and foot pedals. This precise adjustability supports better control and a more comfortable working posture all day long.

OPTIMAL JOBSITE AWARENESS

Large glass panels, sliding side windows, and integrated backup and blind-side cameras give operators a clear view of their surroundings. With added surround-view mirrors, they can confidently and safely control the machine on the jobsite.

INTENTIONALLY ENGINEERED FOR SERVICE

UPTIME IS OUR PRIORITY

With fast diagnostics, streamlined repairs and software tools for remote support it's easy to keep your SANY excavator running strong. Our local dealer network, stretching across North America, provides quick response and maximizes your productivity.

DEDICATED TO SUPPORT

We're expanding our U.S. footprint with local engineering, quality assurance and service teams—backed by a multi-year investment in support, training, and parts.

PARTS ON THE SHELF READY TO SHIP

We continually expand parts inventory across our major North American distribution centers and improve forecasting to keep high-demand components in stock. This longterm strategy ensures critical parts are ready to ship when they're needed most.

EASE OF ACCESS

Its spacious compartments offer ample room for tools, filters, and components, ensuring efficient inspections and replacements that minimize downtime on the job site.

FAST DAILY PRE-CHECKS

Machines are designed so operators can safely and easily inspect critical systems—mostly from the ground—for quick visual and manual checks.

15% MORE

engine compartment space than previous generation machines.



WE'VE GOT YOUR BACK

At SANY, we see every customer as a relationship whose success is directly tied to ours. We focus on keeping you productive, because when your machines are running, your business is winning. Our warranty support, faster claim approvals are built to protect your operations not just your equipment. Your feedback fuels continuous improvement—real updates to software, hydraulics, and performance through close collaboration with key suppliers. With expanding U.S. support, trained technicians, ongoing investments, and stronger parts availability, we stay by your side so your business can keep moving forward.

CUSTOMERS FIRST ALWAYS

At SANY America, everything begins with you. We design machines that make your work safer, more efficient, and more profitable—and we stand behind them with U.S.-based support you can count on. From ergonomic cabs and superior visibility to quick daily checks and dependable uptime, every feature is engineered around real operator needs and real jobsite demands. Your feedback directly drives our product improvements, accelerating software updates, hydraulic refinements, and long-term durability enhancements. With expanding American facilities, local engineering and service teams, certified technicians, and three parts distribution centers nationwide, we operate as your committed business partner—focused on your success today and every day ahead.

FINANCING THAT WORKS AS HARD AS YOU DO

Smart financing that makes owning SANY equipment faster, easier, and affordable.

- **Quick approvals – many customers approved in under 5 minutes**
- **Simple mobile app for secure document signing and easy payment management**
- **Flexible terms and competitive promotions, including 0% for 60 months**
- **Faster approvals for repeat customers to keep your fleet growing**
- **Top-rated experience with a 4.95 out of 5 Trustpilot score**

Financing with SANY is built to support your business growth every step of the way.

INDUSTRY'S **STRONGEST** STANDARD WARRANTY

SANY America delivers the most comprehensive standard warranty in the industry—protecting your investment from day one.

- **5 years / 5,000 hours of full machine coverage included with every excavator**
- **Lower total operating risk and fewer unexpected costs over machine life**
- **Confidence in long-term durability backed by factory engineering and testing**
- **Stronger coverage than leading OEM competitors – standard, not add-on**

Choosing SANY means choosing equipment built to work—and a partner committed to standing behind your success.

TOTAL COST OF OWNERSHIP

SANY machines are engineered to deliver a stronger return on investment by lowering the true cost of ownership over the life of your equipment.

- **Fuel-efficient performance reduces operating costs every hour the machine runs**
- **Extended service intervals minimize downtime and maintenance expense**
- **Parts cost management keeps replacement and wear items affordable**
- **High resale value helps protect your investment over time**
- **More standard features from the factory reduce the need for costly add-ons**

Every detail is designed to help you earn more, spend less, and get maximum value from every machine you own.

SANY

**INDUSTRY'S
STRONGEST
STANDARD
WARRANTY**

**5-YEAR*
5,000 HOURS**

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