

SY155U

SANY

SMALL HYDRAULIC EXCAVATOR **35,274 LBS** OPERATING WEIGHT
105 HP GROSS HORSEPOWER
17.9 FT MAX DIGGING DEPTH



**BUILT FOR TIGHT
VERSATILITY**

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

A hardworking contractor in the wide-open plains of Texas relies on his SANY SY155U to dig trenches for irrigation systems, load materials, and maintain farm roads across vast ranches. Every job matters, and his compact excavator is built to handle them all. The proven Isuzu engine and smooth, responsive hydraulics give him the power and control he needs, while 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 contractors like him, SANY provides critical tools he depends on to get the toughest work done.



U | REDUCED RADIUS TAIL DESIGN (U)

The SY155U features a reduced radius tail design that blends powerful digging and lifting performance with compact machine dimensions for confined jobsites. It allows operators to work safely around buildings, traffic, other equipment, and tight jobsites where space is limited.

🔒 | QUICK COUPLER COMPATIBLE

The SY155U 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 SY155U is built with components by brands you know and trust. From Izusu 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.

👉 | BACKFILL BLADE STANDARD

The SY155U comes standard with a heavy-duty backfill blade that allows the machine to push through spoil piles, backfill trenches, and rough grade work areas. It also adds stability when digging and lifting, improving control and overall jobsite efficiency.

🔧 | AUXILIARY HYDRAULICS

The SY155U 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.

66 GPM

on primary auxiliary circuit



A MACHINE THAT'S EASY TO OWN

This 15-ton class SY155U is engineered for versatility, delivering one compact machine that handles utility trenching, construction, and truck loading with a reduced tail radius and standard backfill blade while remaining easy to transport. Factory quick-coupler plumbing and auxiliary hydraulic lines make attachment changes fast, adding flexibility without extra hassle. And because it is built with components from trusted brands—familiar, proven, and well supported—you gain confidence in long-term reliability. Combined with a rugged chassis designed for stability and safety in tight spaces, the SY155U works hard, adapts quickly, and makes ownership feel effortless day after day.

RELIABLE FROM THE INSIDE OUT

Long work shifts, crew safety, and steady income all depend on equipment you can trust, and the SY155U is built to deliver—engineered for thousands of hours of reliable performance in demanding, space-restricted jobsites. Its heavy-duty structure absorbs the loads of constant digging and lifting, while the hydraulic system provides consistent power, force, and pressure. The powertrain operates continuously to keep the hydraulic pumps running without pause. Every design element is intended to limit downtime and boost productivity. That's why it is supported by a 5-year / 5,000-hour standard warranty, ensuring dependable operation that keeps your schedule moving.

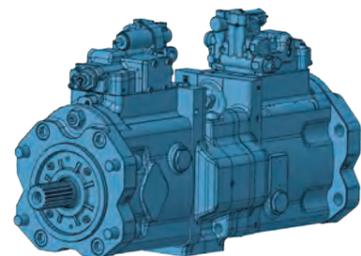
STRUCTURAL INTEGRITY

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.



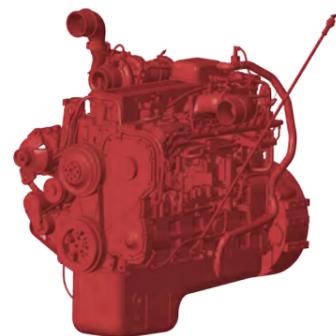
HYDRAULIC SYSTEM

The SY155U 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 ISUZU

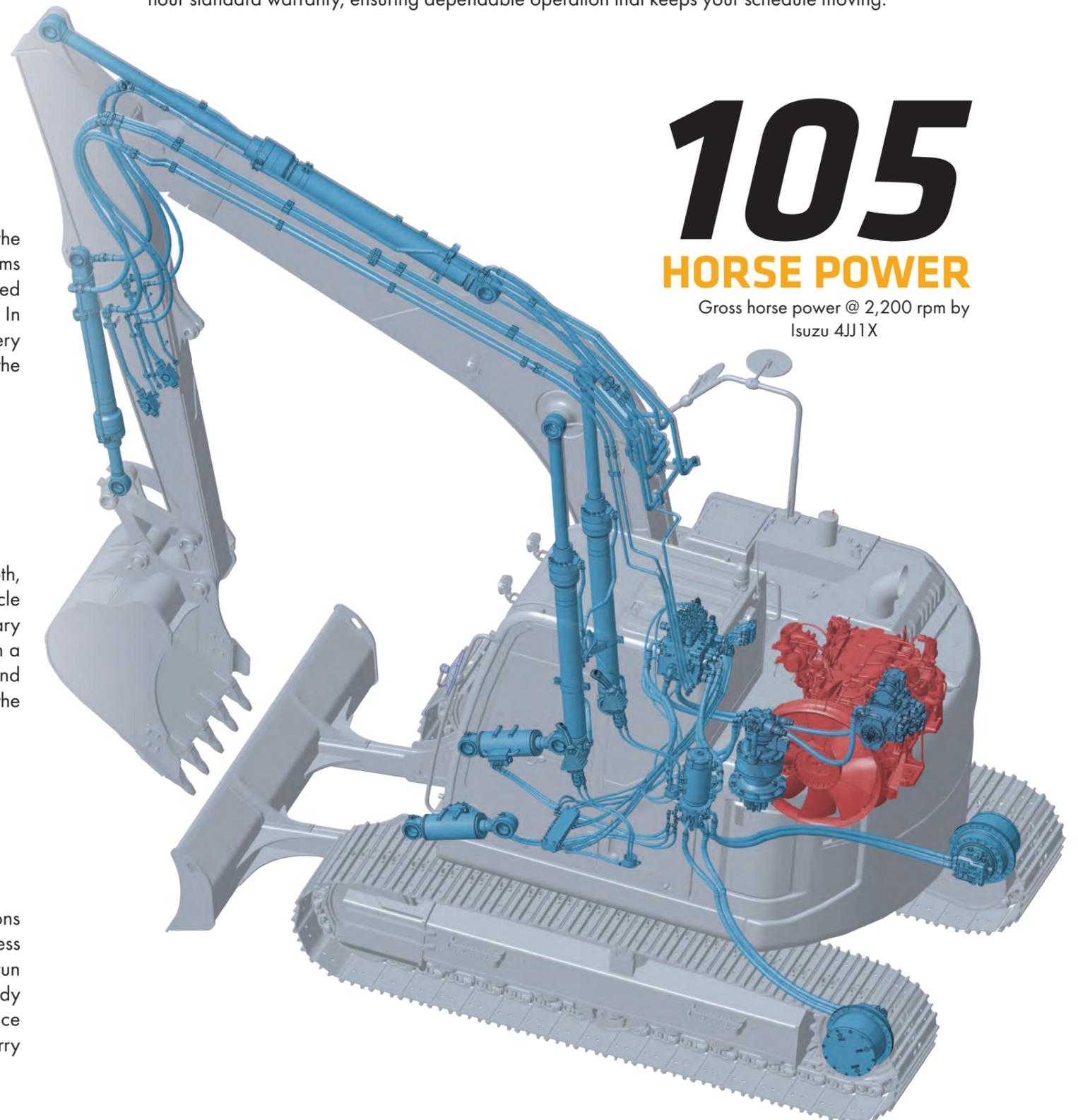
Powered by an Isuzu 4JJ1X diesel engine that meets or exceeds EPA emissions regulations, the SY155U provides the efficiency and compliance your business needs. With 105 hp at 2,200 rpm, it delivers the power and torque to run day and night on the most demanding jobsites. It's a powertrain you already 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.



105

HORSE POWER

Gross horse power @ 2,200 rpm by
Isuzu 4JJ1X



18+ FEATURES

specifically designed for operator
and jobsite safety.



SAFETY PRIORITIZED

We design for safety first. Operators get secure handrails, steps, and antislip 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.

SY155U



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105 HP GROSS HORSEPOWER
17.9 FT MAX DIGGING DEPTH

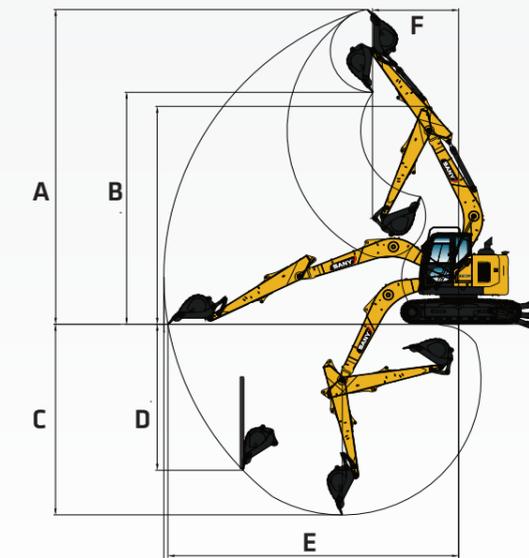
TECHNICAL SPECIFICATIONS

MACHINE DATA	STANDARD STICK
Operating Weight*	35,274 lbs
Bolt-on Counterweight	-
Ground Pressure	5.9 psi
Engine Model	ISUZU 4JJ1X
Displacement	3.0 L
Net Power	99 HP
Gross Power	105 HP
Hydraulics	-
Main Hydraulic Pump	2 x Variable-Piston-Pump
Operating Flow (Max)	2 x 33 gpm
Operating Pressure (Max)	4,975 psi
Auxiliary Flow	66 gpm / 16 gpm
Auxiliary Pressure	4,975 / 2,030 psi
Travel Motor	2 Speed Axial Piston Motor with Planetary
Travel Pressure (Max)	4,975 psi
Travel Speeds (Max)	3.3 / 1.9 m/h
Travel Effort (Max)	25,628 lbf
Gradability	35°
Swing Motor	Axial Piston with Planetary Reducer
Swing Pressure (Max)	4,496 psi
Swing Speed (Max)	12 rpm
Undercarriage	
Track Shoe Width	1' 11"
Track Rollers	7

WORKING SPECIFICATIONS

WORKING RANGE	STANDARD STICK
Boom Length	15' 1"
Stick (Arm) Length	9' 10"
A Maximum Digging Height	30' 3"
B Maximum Dumping Height	22' 2"
C Maximum Digging Depth	17' 11"
D Maximum Vertical Wall Digging Depth	12' 5"
E Maximum Reach at Ground Level	27' 4"
F Minimum Swing Radius	6' 10"

DIGGING PERFORMANCE	STANDARD STICK
Boom Length	15' 1"
Stick (Arm) Length	9' 10"
Bucket Breakout Force (ISO)	23,155 lbf
Stick (Arm) Digging Force (ISO)	15,062 lbf



*Operating weight is for the SY155U with no attachments, and standard stick.
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SMALL HYDRAULIC EXCAVATOR SY155U

STANDARD FEATURES

ENGINE

- Isuzu AR-4J1X
- Tier 4F / EU Stage V Ready
- Auto-idle
- Dual-element dry air filter
- Engine air precleaner
- Coolant Expansion tank
- Electronic engine control
- Fan guard
- Engine coolant to -37 deg. C (-34 deg. F)
- Full-flow oil filter
- High flow cooling fan
- 500-hour engine-oil-change interval
- Fuel filter and water separator

HYDRAULIC SYSTEM

- Spring-applied, hydraulically released automatic swing brake
- Load sensing hydraulic system
- Control pattern change valve
- Primary auxiliary hydraulic circuit with 1 and 2-way combination piping
- Secondary auxiliary hydraulics circuit
- Auxiliary hydraulic-flow adjustments through monitor
- Adjustable auxiliary pressure relief
- Quick coupler ready

UNDERCARRIAGE

- Planetary drive with axial piston motors
- Propel motor shields
- Spring-applied, hydraulically released automatic propel brake
- Track guides, front idler and middle 6 per side
- 2-speed travel selection through display and on dozer lever
- 7 lower track rollers each side
- 1 upper carrier roller each side
- Dozer blade with cylinder guarding
- Tie downs on track frame and dozer blade
- 600mm (24") wide tripple grouser steel tracks
- Undercarriage frame opening guard

UPPERSTRUCTURE

- Right-hand, left-hand, and counterweight mirrors
- Lockable cab, hood, and service doors
- Debris screen in side panel
- Remote-mounted engine oil and fuel filters
- Daily fluid level inspection visible from ground
- Rear reflectors

ATTACHMENTS

- Convenient grease points
- Dirt seals on all bucket pins
- Thumb bracket

ATTACHMENTS

- Oil-impregnated bushings
- Reinforced thrust plates
- Quick coupler plumbing to end of the stick

OPERATOR'S STATION

- Hydraulic pilot controls for boom, stick, swing, and travel operations
- Proportional auxiliary switches on joystick
- Travel levers with foot pedals
- AM/FM radio with bluetooth and USB connection port
- Rearview camera
- Cell phone tray
- Weight adjustable suspension cloth seat with fore/aft adjustment and adjustable armrests
- 3" retractable seatbelt

- Emergency stop switch
- Sliding front window
- Removable lower front window
- Window breaker
- ECO mode switch
- 8 tool selection modes
- Fully adjustable auxiliary flow circuits and pressure from display
- Multifunction LCD monitor with: Diagnostic capability / Multiple-language
- System monitoring features: Auto-idle indicator, 2-speed indicator, work-mode indicator, preheat icon, time and date, battery charge icon, throttle position, engine oil pressure alarm, DPF regeneration inhibit indicator, fuel level gauge, maintenance needed icon, failure code, standard/eco work mode icon, engine coolant temperature, coolant temp alarm, severe failure alarm, work tool mode icon, operating hours
- High performance heating, ventilation, and air conditioning system
- Operation and maintenance manual storage
- Heavy duty removeable rubber floor mat
- Front windshield wiper with high and low speed
- Horn, electric
- Hour meter, electric
- Hydraulic shutoff lever, all controls
- Interior light
- Cup holder
- Travel alarm with cancel switch
- Transparent overhead hatch with retractable sunshade

ELECTRICAL

- 12V electrical system
- Maintenance free battery
- Ground level battery disconnect
- Terminal battery covers
- 80-amp alternator
- 12V power outlet

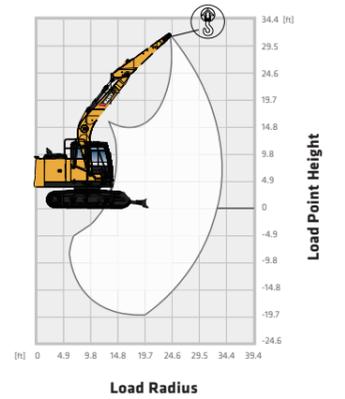
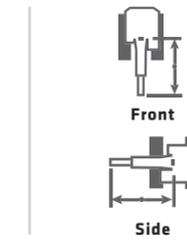
LIGHTS

- Work lights: 2 mounted on top of cab, 1 mounted on boom, magnetic beacon

LIFTING PERFORMANCE

- Standard 15' 1" Boom
- Standard 9' 10" Stick
- Standard 1' 11" 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.



Blade Up

LOAD RADIUS	6.5'	9.8'	13.1'	16.4'	19.7'	22.9'	AT MAX REACH
LOAD POINT HEIGHT							
7 ft			7,341 lbs	7,341 lbs			5,540 lbs
6 ft			8,880 lbs	7,968 lbs	7,244 lbs	5,869 lbs	4,833 lbs
5 ft			9,173 lbs	7,879 lbs	7,879 lbs	5,862 lbs	4,478 lbs
4 ft		10,377 lbs	10,132 lbs	7,635 lbs	7,749 lbs	5,732 lbs	6,127 lbs
3 ft		13,453 lbs	10,091 lbs	9,784 lbs	7,264 lbs	7,542 lbs	5,525 lbs
2 ft		12,608 lbs	9,246 lbs	9,361 lbs	6,841 lbs	7,302 lbs	5,285 lbs
1 ft		12,020 lbs	8,660 lbs	8,997 lbs	6,477 lbs	7,077 lbs	5,062 lbs
0 ft		11,773 lbs	8,411 lbs	8,761 lbs	6,241 lbs	6,912 lbs	4,894 lbs
-1 ft	10,278 lbs	10,278 lbs	11,709 lbs	8,349 lbs	8,651 lbs	6,129 lbs	6,817 lbs
-2 ft	15,847 lbs	13,098 lbs	11,748 lbs	8,389 lbs	8,638 lbs	6,118 lbs	6,799 lbs
-3 ft	16,261 lbs	13,309 lbs	11,878 lbs	8,519 lbs	8,721 lbs	6,199 lbs	6,878 lbs
-4 ft			8,382 lbs	8,382 lbs	6,380 lbs	6,380 lbs	

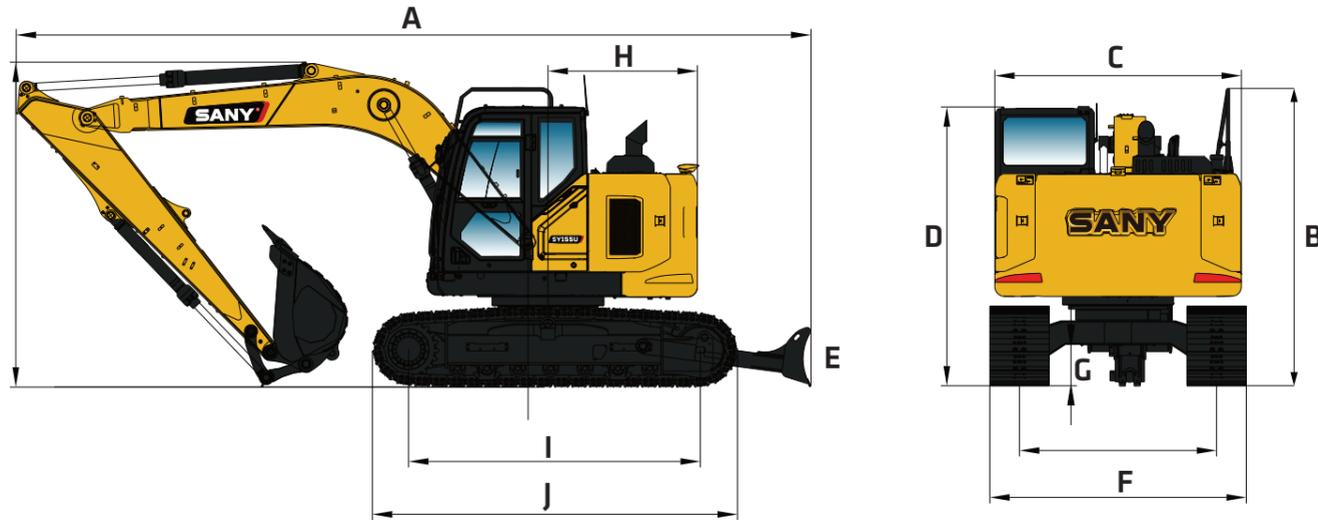
Blade Down

	2	3	4	5	6	7	AT MAX REACH
LOAD POINT HEIGHT							
7 ft			7,341 lbs	7,341 lbs			5,540 lbs
6 ft			8,880 lbs	7,968 lbs	7,244 lbs	5,869 lbs	4,833 lbs
5 ft			9,173 lbs	7,879 lbs	8,594 lbs	5,862 lbs	4,478 lbs
4 ft		10,377 lbs	10,132 lbs	7,635 lbs	9,035 lbs	5,732 lbs	8,318 lbs
3 ft		14,983 lbs	10,091 lbs	11,592 lbs	7,264 lbs	9,769 lbs	5,525 lbs
2 ft		18,281 lbs	9,246 lbs	13,157 lbs	6,841 lbs	10,578 lbs	5,285 lbs
1 ft		14,617 lbs	8,660 lbs	14,279 lbs	6,477 lbs	11,206 lbs	5,062 lbs
0 ft		14,972 lbs	8,411 lbs	14,617 lbs	6,241 lbs	11,442 lbs	4,894 lbs
-1 ft	10,278 lbs	10,278 lbs	18,508 lbs	8,349 lbs	14,132 lbs	6,129 lbs	11,136 lbs
-2 ft	15,847 lbs	13,098 lbs	16,367 lbs	8,389 lbs	12,831 lbs	6,118 lbs	10,132 lbs
-3 ft	16,261 lbs	13,309 lbs	13,201 lbs	8,519 lbs	10,525 lbs	6,199 lbs	8,020 lbs
-4 ft			8,382 lbs	8,382 lbs	6,380 lbs	6,380 lbs	

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CONNECTED, INFORMED, IN CONTROL TECHNOLOGY



DIMENSIONS	STANDARD STICK
Boom Length	15' 1"
Stick (Arm) Length	9' 10"
A Transport Length	26' 10"
B Transport Height	10' 1"
C Upper Structure Width	8' 2"
D Cab Height	9' 11"
E Blade Height	1' 7"
F Track Width	8' 6"
Track Gauge	6' 6"
G Ground Clearance	1' 5"
H Tail Swing Radius	4' 11"
I Track Length on Ground	9' 7"
J Track Length	12'

SERVICE REFILL CAPACITIES	
Fuel Tank Capacity	58.1 gal
DEF Tank Capacity	5.0 gal
Hydraulic Tank Capacity	22.5 gal
Engine Oil Capacity	4.4 gal
Cooling System Capacity	7.1 gal

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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 SY155U 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.



DO EVERYTHING

Perform tasks and view important data all through one display.

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BUILT AROUND THE OPERATOR

14 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 14 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 comfortable and productive throughout the shift.



CUSTOM OPERATOR ERGONOMICS

The 14-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.



#1 FASTEST GROWING

support network in North America.

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.



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STRONGEST
STANDARD
WARRANTY** | **5-YEAR
5,000 HOURS**

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