



# ST230V

## Engine power

53.7 kW / 73 hp

## Bucket capacity

\*0.4 m<sup>3</sup>

## Operating weight

4680 kg / 10317 lbs

## Rated load

1100 kg / 2430 lbs

\*Bucket is optional



Comfort



Efficiency



Safety



Accessibility



Intelligence



Versatility

- ◆ As a kind of compact earthmoving machinery, the compact track loader is nimble and able to pivot 360 degrees in place by utilizing the speed difference between the two side tracks. Benefitting from the design of quick couplers, different attachments can be attached in minutes to meet various demands in general construction, agriculture, utility, and landscaping.
- ◆ ST230V is a new masterpiece of SANY. Based on SANY excavator's mature R&D platform and rigorous testing system, its durability has been tested for more than 3000 hours. And it will have an awesome performance because of its following six highlights.

# Technical specifications

| Performance                   |                     | Power system  |                               |
|-------------------------------|---------------------|---------------|-------------------------------|
| Rated Operating Capacity      | 1100 kg / 2430 lbs  | Engine Model  | YANMAR 4TNV98CT               |
| Operating Weight              | 4680 kg / 10317 lbs | Engine Speed  | 2400 rpm                      |
| Tipping Load                  | 3148 kg / 6943 lbs  | Rated Power   | 53.7 kW / 73 hp               |
| Breakout Force, Tilt Cylinder | 25.5 kN / 5733 lbf  | Peak Torque   | 280 N.m @1560 rpm             |
| Lift Geometry                 | Vertical Lift       | Displacement  | 3.319 L / 203 in <sup>3</sup> |
| Travel Speed One              | 8.0 km/h / 5.0 mph  | Bore x Stroke | Φ98x110 mm / 3.9x4.3 in       |
| Travel Speed Two              | 13.2 km/h / 8.0 mph | Aspiration    | Turbo-charger                 |
| Cycle Time (Raise/Lower/Dump) | 9.0 s               | Emissions     | Tier 4 Final / Stage V        |
| Track Width                   | 320 mm / 12.6 in    |               |                               |

## Machine dimensions

### Overall dimensions ST230V

|                                            |                    |
|--------------------------------------------|--------------------|
| A Maximum Overall Height                   | 3965 mm / 156.1 in |
| B Bucket Pin Height at Maximum Lift        | 3060 mm / 120.5 in |
| C Clearance at Maximum Lift and Dump       | 2340 mm / 92.1 in  |
| L1 Reach at Maximum Lift and Dump          | 1065 mm / 41.9 in  |
| D Ground Clearance                         | 230 mm / 9.1 in    |
| E Track Length On Ground                   | 1460 mm / 57.5 in  |
| F Bumper Overhang behind Rear Axle         | 883 mm / 34.8 in   |
| R Turning Radius from Center-Bucket        | 2100 mm / 82.7 in  |
| R1 Turning Radius from Center-Machine Rear | 1685 mm / 66.3 in  |
| G1 Maximum Dump Angle                      | 40°                |
| G2 Rollback Angle of Bucket on Ground      | 30°                |
| G3 Departure Angle                         | 28°                |
| L2 Length without Bucket                   | 2885 mm / 113.6 in |
| L Length with Bucket on Ground             | 3610 mm / 142.1 in |
| W1 Over the Tire Width                     | 1675 mm / 65.9 in  |
| W Over the Bucket Width                    | 1727 mm / 68 in    |
| H Height to Top of Cab                     | 2100 mm / 82.7 in  |

