



**SANY**



# SY155U

**Engine power**

75kW/1900rpm

**Bucket capacity**

0.6m<sup>3</sup>

**Operating weight**

16000kg



Stable and reliable



Excellent operability



With multiple functions



Flexible

- ◆ Standard high-strength bulldozer blade and reinforced working device make the whole machine more stable and reliable.
- ◆ A new set of pumps and valves are added specifically for auxiliary pipelines, allowing multiple actions to be operated at the same time in a more coordinated manner.
- ◆ Standard quick-change pipeline + 2 sets of auxiliary pipelines, multiple attachments can be switched at will.
- ◆ With an ultra-small turning radius, a full bucket of materials can turn 360° within a width of 3.7m, making it more suitable for operations in narrow spaces such as one-way streets and municipal maintenance.

# Technical specifications

| Specification    |   | Main performance         |                              |
|------------------|---|--------------------------|------------------------------|
| Operating weight | 16000 kg  | Swingspeed               | 12.5 rpm                     |
| Bucket capacity  | 0.6 m <sup>3</sup>                                  | Max. travel speed        | High 5.3 km/h, slow 3.1 km/h |
| Engine           | Stage V/Tier 4f                                     | Max. travel force        | 114 kN                       |
| Model            | 4JJ1X   | Groundpressure           | 41 kpa                       |
| Type             | Water-cooled, 4 cylinder with commonrail and Adblue | Gradeability             | 35°                          |
| Engine Power     | 75 kW / 1900 rpm                                    | Bucket digging force Iso | 103 kN                       |
| Maximum Torque   | 375 Nm / 1800 rpm                                   | Arm digging force Iso    | 67 kN                        |
| Displacement     | 2.999 L   |                          |                              |

## Machine dimensions

| Overall dimension(mm)             | SY155U | Operation range (mm)                           | SY155U |
|-----------------------------------|--------|--|--------|
| A.Overall length(transportation)  | 8180   | a.Max. digging height                          | 9220   |
| B.Overall width                   | 2590   | b.Max. dumping height                          | 6755   |
| C.Overall height (transportation) | 3070   | c.Max. digging depth                           | 5470   |
| D.Upperstructure carriage         | 2490   | d.Max. vertical digging depth                  | 3795   |
| E.Height over cabin/ROPS          | 2865   | e.Max. digging reach                           | 8340   |
| F.Standard track shoe width       | 600    | f. Min. swing radius                           | 2085   |
| G.Track gauge                     | 1990   | g.Overall height over arm by min. swing radius | 6750   |
| H.Min. ground clearance           | 425    | h.Max. clearance when blade up                 | 505    |
| I.Tail length                     | 1500   | i. Max. depth of blade down                    | 350    |
| J.Center distance of tumblers     | 2930   |  |        |
| K.Track Length                    | 3665   |  |        |

