



# STG140C-8S MOTOR GRADER



## Efficient and energy-saving

- ◆ Heavy-load engine and VHP technology.

## Reliable with heavy load

- ◆ Reliable rear axle and work implements of rotary bearing structure.

## Humanized design

- ◆ Safe and comfortable ride and operation experience.

## Comfortable and convenient

- ◆ Easy maintenance and low operation cost.

## Technical specifications

| Model                          | STG140C-8S                                       |   |
|--------------------------------|--|---|
| Power system specification     | Supplier   | DONGFENG CUMMINS                        |
|                                | Emission   | CHINA II                                |
|                                | Model  | 6BTA5.9-C150- II                        |
|                                | Rated power (kW)                                 | 112                                     |
|                                | Rated rotation speed (rpm)                       | 2200                                    |
|                                | Peak torque(Nm)                                  | 655                                     |
| Dimensions                     | Standard (without counterweight)<br>(L×W×H) (mm) | 8765×2460×3310                          |
|                                | Front and rear axle base (mm)                    | 6154                                    |
|                                | Middle and rear wheel base (mm)                  | 1538                                    |
|                                | Clearance (from rear axle to ground) (mm)        | 395                                     |
| Load Spec.                     | Standard (without counterweight) (kg)            | 13000                                   |
| Operating device specification | Length of blade (mm)                             | 3660 (12ft) (standard)                  |
|                                | Height of blade (mm)                             | 620                                     |
|                                | Tilt angle                                       | ±90°                                    |
|                                | Turning angle                                    | 360°                                    |
|                                | Max. lift above ground (mm)                      | 420                                     |
|                                | Max. depth of cut (mm)                           | 630                                     |
|                                | Blade tip range                                  | 25° ~75°                                |
|                                | Gears  | 6 forward and 3 reverse                 |
| Running specification          | Forward speed (km/h)                             | 5/8/12/19/28/41                         |
|                                | Reverse speed (km/h)                             | 5/12/28                                 |
|                                | Steering angle of front wheel                    | ±45°                                    |
|                                | Tilt angle of front wheel                        | ±17°                                    |
|                                | Articulated steering angle                       | ±25°                                    |
|                                | Oscillation angle of front axle                  | ±16°                                    |
|                                | Model of tire                                    | 13.00-24(16PR)(standard)                |
|                                | Tank capacity                                    | Max. capacity of hydraulic oil tank (L) |
| Max. capacity of fuel tank (L) |  | 350                                     |

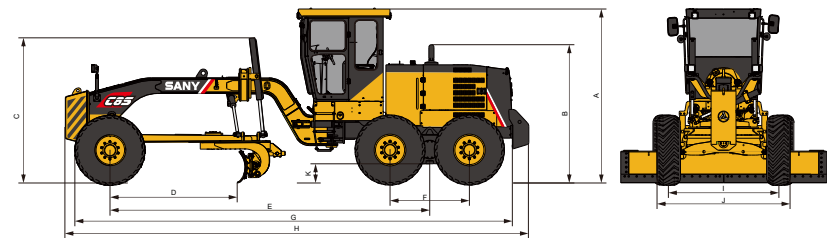
## Basic & optional configurations

| Model      | Standard       | Optional               |
|------------|----------------|------------------------|
| STG140C-8S | 12ft Moldboard | /                      |
|            | Cab and HVAC   | /                      |
|            | /              | Mid-mounting scarifier |

## Dimensions

| Model | Name  | STG140C-8S |
|-------|---|------------|
| A     | Height to top of cab (mm)                       | 3310       |
| B     | Height to exhaust pipe (mm)                     | 2785       |
| C     | Height to top of blade lift cylinder (mm)       | 2725       |
| D     | Length - front axle to moldboard (mm)           | 2500       |
| E     | Wheel base - between front and rear axles (mm)  | 6154       |
| F     | Wheel base - between middle and rear wheel (mm) | 1538       |
| G     | Length - front tire to rear of machine (mm)     | 8380       |
| H     | Overall length - standard (mm)                  | 8765       |
| I     | Width - rear tire center lines (mm)             | 2100       |
| J     | Width - outside front tires (mm)                | 2310       |
| K     | Ground clearance at rear axle (mm)              | 395        |

Notes: Due to technical and product updates, data on specifications might change without prior notice. The pictures may differ from a real machine.



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The product configuration (including technical parameters) is subject to change and the delivered actual machine without notice.

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