



# 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 (with counterweight) (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 (with 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°
Running specification	Gears	6 forward and 3 reverse
	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)	140
	Max. capacity of fuel tank (L)	350

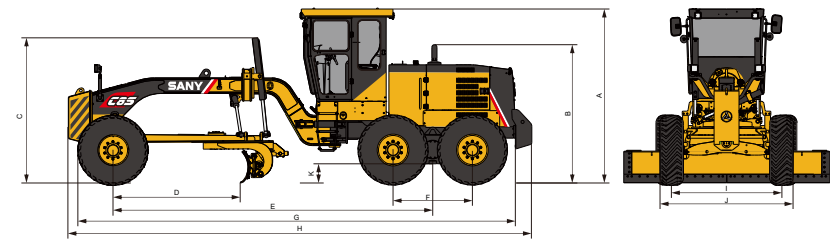
## Basic & optional configurations

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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