



# STG190C-8S MOTOR GRADER



## Strong power with high efficiency and fuel-economy

- ◆ High-power heavy-duty cummings engine with delivers strong power.
- ◆ ZF gearbox with slewing support structure drive axle, ensure reliable operation and stable.
- ◆ Excellent power matching technology, keep the machine working under the lowest fuel consumption range.

## Upgraded slewing bearing rear axle

- ◆ The structure of the slewing bearing rear axle is upgraded again with no wearing parts, serviceability, and service life more than 10000h.
- ◆ Heavy chain + integral wheel rim+ disc brake ensure safety and reliability.
- ◆ Special integral axle housing for motor grader + heavy duplex roller chain ensure reliability and durability.

## New-generation control system

- ◆ The new generation of control mechanism, the handle effective stroke accounts for 60%, fast cylinder movement and high work efficiency.
- ◆ All kinds of works can be easily handled with accurate action and labor-saving operation. Newly shaped operator station and screed console show high-appearance, the operator station and display screen are infinitely adjustable in angle.

## Serviceability

- ◆ SYCD color LCD display show multi-parameter in multi-language.
- ◆ Visual display of fault information, troubleshooting guide, and automatic prompts for regular maintenance.
- ◆ Wide-opening door of the engine compartment, centralized arrangement of various filter elements, enlarged maintenance space of the rear axle gearbox all make the daily maintenance a convenient and quick thing.

## Technical specifications

Model	STG190C-8S	
Power system specification	Supplier	DONGFENG CUMMINS
	Emission	China III
	Model	QSB6.7-C190-30
	Rated power (kW)	142
	Rated rotation speed (rpm)	2000
	Peak torque(Nm)	931
Dimensions	Standard (with front and rear counterweight) (L × W × H) (mm)	9340 × 2740 × 3348
	Front and rear axle base (mm)	6310
	Middle and rear wheel base (mm)	1538
	Clearance (from rear axle to ground) (mm)	410
Load specification	Standard (with front and rear counterweight)(kg)	15800
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)	480
	Max. depth of cut (mm)	630
	Blade tip range	25° ~75°
Running specification	Gears	6 forward and 3 reverse
	Forward speed (km/h)	5/8/12/18/24/38
	Reverse speed (km/h)	5/12/24
	Steering angle of front wheel	±45°
	Tilt angle of front wheel	±17°
	Articulated steering angle	±27°
	Oscillation angle of front axle	±16°
	Model of tire	17.5-25(12PR)(standard)
Tank capacity	Max. capacity of hydraulic oil tank (L)	140
	Max. capacity of fuel tank (L)	350

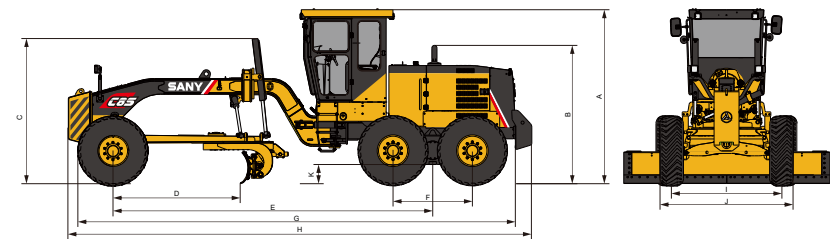
## Basic & optional configurations

Model	Standard	Optional
STG190C-8S	12ft moldboard	14ft moldboard
	Overload protection circle drive	/
	HVAC	/
	/	Intake preheater (meet -20℃ )
	/	Rear camera
	/	Front scarifier
	/	Front dozer blade
	/	Five-tooth rear ripper

## Dimensions

Model	Name	STG190C-8S
A	Height to top of cab (mm)	3348
B	Height to exhaust pipe (mm)	2864
C	Height to top of blade lift cylinder (mm)	2795
D	Length - front axle to moldboard (mm)	2568
E	Wheel base - between front and rear axles (mm)	6310
F	Wheel base - between middle and rear wheel (mm)	1538
G	Length - front tire to rear of machine (mm)	8775
H	Overall length - standard (mm)	9340
I	Width - rear tire center lines (mm)	2280
J	Width - outside front tires (mm)	2580
K	Ground clearance at rear axle (mm)	410

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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