

Convenient maintenance

- Its closed rotary bearing turntable is not afraid of sand and stones, and requires no adjustment during its entire life cycle, without wearing parts. Its maintenance cycle is **250h**, which is reliable and trouble-free.
- The third-generation maintenance-free slewing bearing disc brake rear axle extends the maintenance cycle to over **1,000hrs**.
- The intelligent cloud system can perform real-time status monitoring, fault diagnosis, and maintenance self-prompts for of the entire machine.



C10 Series



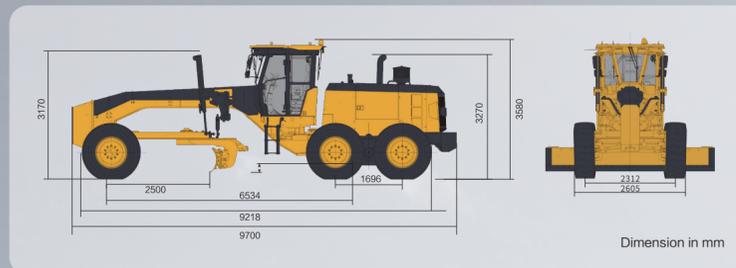
MOTOR GRADER STG265C-10

MINE PIONEER

Product parameters

Overall dimension

The following are standard configuration measurements, and the physical items vary depending on the options.



Item	STG265C-10
Engine and emission standards	SANY Deutz D09S3T5A (Euro III / China Nonroad Stage III)
Rated power (kW)	200
Standard overall dimension (mm)	9700×2860×3580
Standard working mass (kg)	19500 (with front and rear counterweights)
Forward speed (km/h)	6/9/14/21/30/42
Backward speed (km/h)	6/15/34
Blade length × chord height (mm)	4270×620 (standard configuration)
Maximum lifting height of blade (mm)	515
Fuel Tank Capacity (L)	380



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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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Product highlights

Efficient and reliable

- Heavy-duty engines for mining, with a traction force greater than **10%** of similar products;
- Four-link swing frame, higher stability for mining operations, **515mm** lifting height, **4.5m** working width;
- Design standard for mining machines: service life of key components **>10,000hrs**, and service life of structural components **>30,000hrs**.

Safe and comfortable

- **FOPS/ROPS** certified sealed cab of **75dB** has air conditioner and **25°C** constant temperature driving environment;
- Standard equipment: reversing camera, warning light, dual circuit service brake system, anti-slip maintenance pedal.



C10 Series

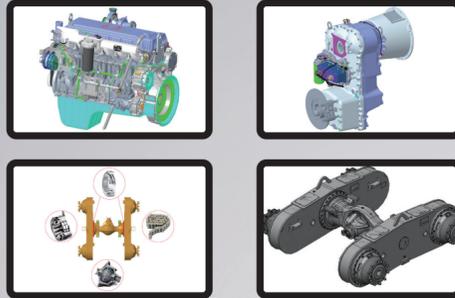


STG265C-10

Motor Grader C10 Series

1 Optimal matching powertrain

- ◆ **Sany Dteutz** heavy-duty engine for mining, designed and produced according to German standards;
- ◆ Hydraulic transmission gearbox with ZF brand new technology, capable of automatic gear shifting, electrohydraulic intelligent control, not require overhaul within **10,000hrs**
- ◆ Maintenance-free slewing bearing mining bridge, integral axle housing, wet brake wheel rim, ensuring safety and reliability.



2 Digital simulation technology of mining load spectrum

- ◆ I-shaped section front frame, integral frame type rear frame, rigidity increased by **25%**, stress reduced by **20%**, structural life **>15 years**;
- ◆ Mining working device and wear-resistant blade, 20,000 N · m overload protection field wheel box, service life **>30,000 hrs.**



2 Easy and efficient operation control system

- ◆ It is equipped with a load sensing system to achieve multiple action composite operations, reducing the handling force by **30%**;
- ◆ Four-link blade holder, high stability for heavy load operation, **515 mm** lifting height, and **4.5 m** working width;



4 Design to Reduce Maintenance Difficulty

- ◆ Automatic reminder for daily maintenance and automatic display of fault content;
- ◆ Intelligent interconnection, remote diagnosis, rapid troubleshooting, and reduced maintenance downtime.



5 Quiet and Comfortable Driving experiences

- ◆ Low-noise power transmission system matching, reinforced mine sealed cab, **75 dB** silent cab;
- ◆ High-power cooling and heating air conditioning, three-dimensional air duct design, providing **25°C** constant temperature driving environment for operators;
- ◆ Optional cab pressurization system to keep the interior of the cab clean.



6 The 3rd generation of intelligent display and control system

- ◆ A **7"** LCD touch screen with free switching in 5 languages and integrated reversing image;
- ◆ The intelligent cloud system can perform real-time monitoring of the status of the entire machine, and directly display fault information and regular maintenance content.



Product options and smart kits (*)

Item	STG265C-10
Operating tools	Front Bulldozer/Rear Scarifier
Blade	3660mm/3965mm
Maintenance options	Automatic lubrication system
Comfort options	Cab pressurization system

Intelligent supporting facilities and services

Comprehensive management system for construction machinery



- ◆ Equipment life cycle management;
- ◆ Compatible with mainstream device brands, supporting over 40 types of devices.

*: The above configurations need to be priced separately.

Product operating environment

- ◆ The standard intake preheating system can be used in the environment above **-20°C**
- ◆ With air intake preheating system and low-temperature battery, it can be operated in the environment above **-35°C**
- ◆ If the ambient temperature is lower than **-35°C** and the ultra-low temperature preheating system needs to be added, contact Sany technician.

