

SG18-3 EURO STAGE IIIA

Leveling the playing field between performance and value

- ▶ Engine model: Dongfeng Cummins EE/QSB5.9-C180
- ▶ Rated power: 136 kW/2200 rpm
- ▶ Operating weight: 16.2 t

Product features

This third generation grader is a smart value in Shantui's diversified product lineup. It comes standard with a Dongfeng Cummins engine and articulated steering for greatly increased turning radius, with more flexible operation resulting. It can "crabwalk" when called upon to avoid tracking over leveled areas. And best of all, Shantui graders come with an excellent field of vision, allowing the operator to view all the working components both in front and behind the cab.



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SHANTUI

VALUE THAT WORKS

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SG18-3

Technical specifications:

Operating weight: 16.2 t

Gradeability: 20°






Blade length: 3660/3965 mm

Wheel base: 6260 mm

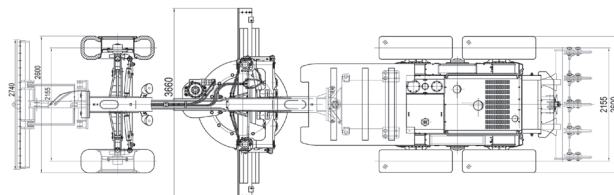
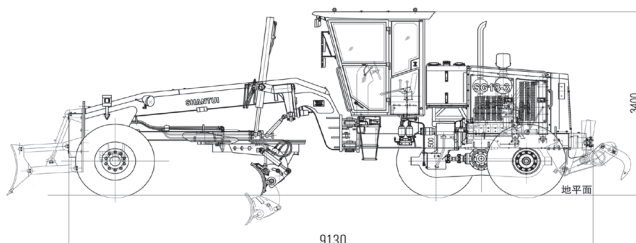
Minimum ground clearance: 430 mm

Maximum traction: 91 kN

SG18-3

		Engine model	Dongfeng Cummins EE/QSB5.9-C180					
		Engine type	In-line, 4-stroke, electric control high pressure common rail injection, turbocharged, charge air cooling					
		Rated power/speed	136 kW / 2200 rpm					
		Number of cylinders (bore x stroke)	6 (102 x 120 mm)					
		Piston displacement	5.9 L					
		Maximum torque/speed	770 N-m/1500 rpm					
		Minimum fuel consumption	206 g/kW-h					
	TRAVEL SPEED	Transmission and torque converter: Electronic controlled transmission with 6 forward gears and 3 reverse gears.						
		Gear	1st	2nd	3rd	4th	5th	6th
		Forward	0~5.4 km/h	0~9.3 km/h	0~12.2 km/h	0~20.7 km/h	0~25.6 km/h	0~39.7 km/h
		Reverse	0~5.4 km/h	0~12.2 km/h	0~25.6 km/h	-	-	-
	SYSTEMS	Balance box	Type	No-spin limited slip differential, heavy-duty roller chain drive				
			Oscillation angle	15° forward, 15° reverse				
		Tire	Type	17.5-25PR14				
			Pattern level	L-2A/L-3				
			Optional tire	17.5-25PR14				
		Steering system	Minimum turning radius	7800 mm				
			Front wheel tilting angle	±17°				
			Front wheel steering angle	±45°				
			Front axle oscillating angle	±15°				
		Brake system	Articulation angle	25°				
			Service brake	4-wheel pliers-pan brake, full hydraulic, foot brake				
			Parking brake	Hand brake with ratchet wheel				
		Operating weight	Brake pressure	10 MPa				
Total	16200 kg							
Front axle load	4800 kg							
	BLADE	Rear axle load	11400 kg					
		Blade length	3660/3965 mm					
		Blade height	635 mm					
		Blade rotational angle	360°					
		Cutting angle adjustment range	44~91°					
		Maximum cutting depth	500 mm					
		Cutting force per dozing	24.47/22.95 kN/m					
		Maximum lift above ground	440 mm					
Maximum blade lateral extension (left/right)	1900/1950 mm							
	HYDRAULIC SYSTEM	Working pump	Tandem pump					
		Displacement of working pump	28*2ml/r					
		Working hydraulic pressure	16 MPa					

OVERALL DIMENSIONS



▶ THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.