

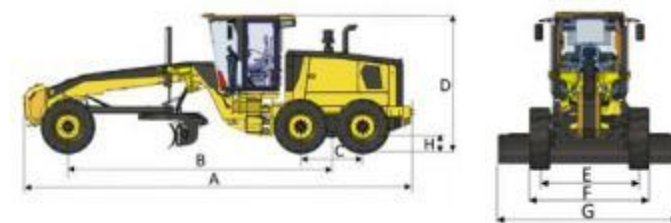
平地机

SG21-G

SHANTUI
让施工更简单



External Dimensions



Item	Code	SG21 - G
Overall Length (mm)	A	9700
Front Wheelbase (mm)	B	6558
Rear Wheelbase (mm)	C	1538
Overall Width (mm)	D	3358
Overall Height (mm)	E	2155
Wheelbase (Including Fenders) (mm)	F	2600
Blade Length (mm)	G	3660/3965/4270
Minimum Ground Clearance (mm)	H	375

Main Parameters

Item	SG21 - G
Engine	
Engine Model	Weichai WP7/National IV
Rated Power (kW/rpm)	162/2200
Displacement (L)	7.47
Maximum traction force (kN)(f=0.8)	93.3
Transmission system	
Transmission	Electronic power shift transmission
Tire	17.5-25 PR12
Front wheel tilt angle (°)	±18
Front Axle Steering Angle (°)	±16
Rear Axle Steering Angle (°)	±15
Steering system	
Minimum Turning Radius (mm)	7500
Front wheel steering angle (°)	±50
Articulated steering angle (°)	±23
Walking performance	
Gear	Six in front and three in back
Forward speed (km/h)	5.1/8.6/11.4/20/24.5/40.3
Reverse speed (km/h)	5.1/11.4/24.5
Operating Weight	
Operating Weight (kg)	17000
Front axle load (kg)	5100
Rear axle load (kg)	11900
Oil capacity	
Fuel tank (L)	330
Hydraulic system (L)	85
Urea tank (L)	35
Working device	
Shovel length (mm)	3660/3965/4270
Shovel chord height (mm)	620
Shovel rotation angle (°)	360
Shovel cutting angle (°)	22-73
Maximum tilt angle (°)	±90
Maximum digging depth (mm)	970
Maximum lifting height (mm)	480

Configuration Table

Configuration		SG21 - G
Engine	Weichai National IV	●
Drive Axle	Slewing Bearing	●
Cab	F&R Anti-Roll and Anti-Falling Function	●
Transmission	Electrically Controlled Power Shift Transmission	●
Seat	Standard Seat	●
	High-Configuration Seat	○
Tire	Universal Type	●
	Drive Type	○
Air Conditioner	Cooling and Heating Air Conditioner	●
Blade	3660	○
	3965	○
	4270	●
Other Optional Configurations	Front Dozer Blade	○
	Front Ripper (Soil)	○
	Middle Ripper (Soil)	○
	Rear Ripper (Soil)	○
	Tire Protection System	○
	Transmission Protection System	○
	Overload Protection Torque Converter	●
	Blade Foot Pedal	○
	Load-Sensing Hydraulic System	○
	Large-Capacity Battery	○
	LED Front Combination Headlight	○
	Hand Throttle	○
	Rain Wiper (Cab Side Glass + Rear Glass)	○
	Roof Warning Light	○
	●=Standard Configuration ○=Optional Configuration	