

# SHANTUI

Официальный дилер

**BEL-DOZER**

## SG27-C5

Motor Grader



Engine Model: Weichai WP7G270E301

Gross Power: 199kW @ 2200rpm

Operating Weight: 18,500kg

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# SG27-C5 SPECIFICATIONS

## ENGINE

Model	Weichai WP7G270E301
Number of cylinders	6
Type	4-cycle, Electronic Injection, Water-cooled
Bore x stroke	108*136mm
Displacement	7.47L
Gross power	199kW @ 2200rpm
Max. traction	99kN
Max. torque	1100N.m @ 1300-1500rpm
Rated fuel consumption	220g/kW.h
Emission	China-III

## POWER TRAIN

Transmission	Fixed-axis type, electro-hydraulic control
Torque converter	Single-stage, single-phase, three basic elements
Rear axle	Modular, planetary reduction, "no-Spin" and skid differential
Tandem drive	Roller chain. Oscillating angle: $\pm 15^\circ$
Tire	20.5-25PR16
Front axle	Oscillating angle: $\pm 15^\circ$ Tilting angle: $\pm 17^\circ$

## STEERING

Front wheel steering angle	$\pm 45^\circ$
Articulation angle	$\pm 25^\circ$
Min. turning radius	8600mm

## BRAKES

Service brake	Drum type, foot operated, single circuit, hydraulically actuated on four tandem wheels
Parking brake	Drum type, manually actuated

## MOLDBOARD

Rotation	360°
Moldboard width	3965mm
Moldboard height	635mm
Moldboard thickness	20mm
Moldboard angle	27~73°
Max. cutting depth	500mm
Max. lifting height	510mm
Max. shoulder reach (left/right)	2355/2410mm
Max. tilting angle (left/right)	$\pm 90^\circ$

## SPEED

Forward, 1-6	5.8\10.0\13.2\22.7\28.5\46.9km/h
Reverse, 1-3	5.8\13.2\28.5km/h

## HYDRAULICS

Tandem pump	Gear pump. 28ml/r
Overflow pressure for working	18MPa

## CAPACITIES

Fuel tank	340L
Hydraulic oil tank	110L
Engine crank case	19L
Engine coolant	33L

## ELECTRICAL SYSTEM

Battery	2x12V, 105Ah
Alternator	28V, 70A
Starter motor	24V, 6kW

## OPERATING WEIGHT

Standard	18500kg
With rear ripper	18800kg
With front blade	19100kg
With front blade & rear ripper	19400kg

## RIPPER (OPTIONAL)

Ripping depth	320mm
Shank supports	5
Shank support spacing	500mm
Working width	2085mm

## FRONT BLADE (OPTIONAL)

Width x Height	2740x930mm
Thickness	10mm
Max. lifting height	500mm
Max. digging depth	210mm

## DIMENSIONS

A Overall length: Standard	9445mm
A Overall length: With rear ripper	10050mm
A Overall length: With front blade	10440mm
A Overall length: With front blade & rear ripper	10830mm
B Length: Front axle to mid tandem axle	5100mm
C Length: Between tandem axles	2720mm
D Height: Cab	3560mm
E Tread	2270mm
F Width: Outside tires	2790mm
G Moldboard width	3965mm
H Minimum ground clearance	500mm

