

160 HP

SD16 Series

The all-purpose customers' choice.

Shantui's top-selling series comes in a variety of models designed to handle forest, swamp, highland, coal power plant, landfill and conventional construction projects.



SD16 ▲
Use: General

Rated Power: 120kW@1800rpm
 Engine Model: (Europe) Cummins QSC8.3
 (Other Regions) Shangchai SC11CB184G2B1/
 Weichai WD10G178E25
 Operating Weight: 17.0 tons

Product features

SD16

Proven technology cuts through tough environments

Made with advanced technology to get your jobs done in a rich variety of special working circumstances, the 17-ton SD16 features a hydraulic drive system with hydraulic control technology and is powered by a mighty Cummins QSC8.3 engine for European models and Shangchai and Weichai engines for other regions.

Product features

SD16-3(CE)

This cousin of the SD16 is produced specifically for European markets and meets all relevant CE requirements for entry into Europe.

Technical specifications:

	UNIT	160 HP	
MODEL		SD16	SD16-3(CE)
LxWxH (Ripper not included)	mm	5140x3388x3032	5140x3388x3032
Operating weight (Ripper not included)	t	17	19.35
Engine		Shangchai SC11CB184G2B1/ Weichai WD10G178E25	CUMMINS QSC8.3
Rated power	kW/ rpm	120/1850	120/1800
Gradeability	°	30	30
Blade type		Straight tilt blade U blade Angle blade	Straight tilt blade Angle blade
Blade width	mm	Straight tilt blade 3388x1149 U blade 3556x1120 Angle blade 3970x1040	Straight tilt blade 3388x1149 Angle blade 3970x1040
Dozing capacity	m ³	Straight tilt blade 4.5 U blade 5 Angle blade 4.3	Straight tilt blade 4.5 Angle blade 4.3
Max. Drop below ground of blade	mm	540	540
Lift height of blade	mm	1095	1095
Ripper type		Three-shank ripper	Three-shank ripper
Ripping depth of ripper	mm	572	572
Lifting height of ripper	mm	592	592
Number of carriers (each side)		2	2
Number of track rollers (each side)		6	7
Number of track shoes (each side)		37	39
Width of track shoe	mm	510	510
Track gauge	mm	1880	1880
Ground length and ground pressure	mm/ MPa	2430/0.067	2430/0.056
Pitch	mm	203	203
Forward speed	km/h	0-3.29	0-3.29
		0-5.82	0-5.82
		0-9.63	0-9.63
		0-4.28	0-4.28
Reverse speed	km/h	0-7.59	0-7.59
		0-12.53	0-12.53

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

160 HP

SD16C

King of coal

Technical specifications:

160 HP		UNIT	
SD16C	SD16E		MODEL
5500x3900x3100	5345x3388x3032	mm	LxWxH (Ripper not included)
16.8	17.5	t	Operating weight (Ripper not included)
Shangchai SC11CB184G2B1/ Weichai WD10G178E25	Shangchai SC11CB184G2B1/ Weichai WD10G178E25		Engine
120/1850	120/1850	kW/ rpm	Rated power
30	30	°	Gradeability
U blade	Straight tilt blade U blade Angle blade		Blade type
3900x1200	Straight tilt blade 3388x1149 U blade 3556x1120 Angle blade 3970x1040	mm	Blade width
5	Straight tilt blade 4.5 U blade 5 Angle blade 4.3	m ³	Dozing capacity
530	540	mm	Max. Drop below ground of blade
1095	1095	mm	Lift height of blade
Three-shank ripper	Three-shank ripper		Ripper type
572	572	mm	Ripping depth of ripper
592	592	mm	Lifting height of ripper
2	2		Number of carriers (each side)
6	7		Number of track rollers (each side)
37	39		Number of track shoes (each side)
610	560	mm	Width of track shoe
1880	1880	mm	Track gauge
2430/0.067	2635/0.062	mm/ MPa	Ground length and ground pressure
203.2	203.2	mm	Pitch
0-3.29	0-3.29	km/h	Forward speed
0-5.82	0-5.82		
0-9.63	0-9.63		
0-4.28	0-4.28		
0-7.59	0-7.59	km/h	Reverse speed
0-12.53	0-12.53		

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SD16C ▲
Use: Coal

Rated Power: 120kW@1850rpm
 Engine Model: Shangchai SC11CB184G2B1/
 Weichai WD10G178E25
 Operating Weight: 16.8 tons

Product features

Powered by Shangchai or Weichai engines and featuring advanced technology to get your coal handling jobs done, the 16.8-ton SD16C features a hydraulic drive system with hydraulic control technology and comes equipped with a 3900 x1200 U-blade.

SD16E

Master of the swamp

The SD16E bulldozer has been developed to meet special requirements of certain earth-moving projects. It's equipped with a hydraulic drive system with hydraulic control technology and an advanced structure, providing reliable performance and convenient and flexible operation. The SD16E's extended track makes it suitable for projects requiring low ground pressure.

Rated Power: 120kW@1850rpm
 Engine Model: SC11CB184G2B1/Weichai WD10G178E25
 Operating Weight: 17.5 tons