

Shantui SD13 Bulldozer



ITEM	UNIT	SD13
L×W×H (Ripper not included)	mm	4492×3185×2950
Operating weight (Ripper not included)	t	13.7
Engine	-	Shangchai SC8D143G2B1
Rated power	kW/rpm	95.5/1900
Gradeability	°	30
Blade type	-	Straight tilt blade Angle blade
Blade width	mm	Straight tilt blade 3185×1090 Angle blade 3475×915
Dozing capacity	m ³	Straight tilt blade 3.7 Angle blade 3.4
Ma× drop below ground of blade	mm	590
Lift height of blade	mm	930
Ripper type	-	Three-shank ripper
Ripping depth of ripper	mm	467
Lifting height of ripper	mm	559

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Number of carriers (each side)	-	2
Number of track rollers (each side)	-	6
Number of track shoes (each side)	-	38
Width of track shoe	mm	460
Track gauge	mm	1880
Ground length and ground pressure	mm/MPa	2365-0.063
Pitch	mm	190
Forward speed	km/h	0 - 3.2
		0 - 5.9
		0 - 9.8
Reverse speed	km/h	0 - 3.9
		0 - 7.1

- The extended track ensures low ground pressure, high reliability and strong traction, contributing to precise operation;
- The power shift transmission not only ensures smooth power shift, but also reaches target speeds and carries out directional transfers with a single control lever;
- The wet steering clutch and brake can extend service life. They work interactively, ensuring quick and flexible steering operations;
- The single control lever can control all blade actions;
- The drift sealing in the drive wheel, track roller and carrier roller can prevent dust from entering the track system, as well as lubricant leakage, thereby ensuring a long service life;
- The hexahedron cab features wide visibility, and the insulation materials in the cab can reduce noise and vibrations;
- The spin type fuel filter and dust separator, the air filters and the other filtration devices can prolong work time and reduce service time;
- The comfortable cab seat can adjust upward and downward, forward and backward, meeting any positional needs the operator may have;
- Side engine operation and the combination of a drive/brake operation system and foot brake makes overall operation of the bulldozer more rapid and convenient.

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