



SD13 Bulldozer

Engine model: Shangchai D6114ZG4B

Rated power: 95.5 kW (130Hp)

Operating weight: 14 t



SHANTUI 

SHANTUI SD13



SPECIFICATION

Specification	Blade Type	
	Straight-tilt	Angle
Min.ground clearance(mm)	320	320
Operating weight(t)	14	14.5
Ground pressure(MPa)	0.064	0.064
Gradeability(°)	30	30
Track gauge(mm)	1880	1880



ENGINE

Model Shangchai D6114ZG4B
 Type Water cooled,in -line,4-cycle,direct injection and turbo charge
 Rated revolution(rpm) 1900
 Rated Power(kW) 95.5
 Cylinder Number-Bore × Stroke(mm) 6-114 × 135
 Piston displacement(L) 8.27
 Rated fuel consumption(g/kW·h) ≤ 228
 Max.Torque(N·m/rpm) 674/1300



POWER TRANSMITTING SYSTEM

Torque converter 3-element,1 stage,1 phase
 Transmission Forced connected, Planetary gear
 Main drive Spiral bevel gear, Splash lubrication
 Steering clutch Wet, Multi-disc, Spring loaded, Hydraulic helping operation,
 Mechanical Separating, Linking steering brake
 Steering brake Wet,Floating,band type Foot stepping
 brake with hydraulic helping
 Final drive 2-stage speed reduction of spur gear,splash lubrication



TRAVEL SPEED

速度档 Gear	I 档 1st	II 档 2nd	III 档 3rd
前进 Forward(km/h)	0~3.2	0~5.9	0~9.8
后退 Reverse(km/h)	0~3.9	0~7.1	0~11.9



UNDERCARRIAGE SYSTEM

Type Swing type of sprayed beam,suspended structure of equalizer bar
 Carry rollers(each side) 2
 Track rollers(each side) 6
 Track type Single teeth.dry type
 Width of track shoes(mm) 460
 Pitch(mm) 190



HYDRAULIC SYSTEM

Max.pressure(MPa) 14
 Pump type Gear pump
 Discharge(L/min) 180
 Working cylinder × No.(mm) Ø90 × 2



BLADE

Specification	Blade Type	
	Straight-tilt	Angle
Dozing capacity(m ³)	3.7	3.4
Blade width(mm)	3185	3745
Blade height(mm)	1090	915
Max.drop below ground (mm)	590	590
Max.tilt adjustment(mm)	400	400



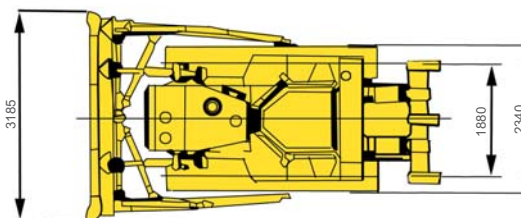
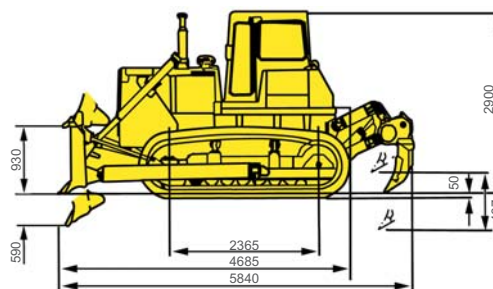
RIPPER

Max.digging depth of 3-Shank Ripper(mm) 467
 Max.lift above ground(mm) 559
 Weight of 3-Shank Ripper(kg) 1421



OVERALL DIMENSIONS

Straight-tilt blade



Note: Materials and specifications are subject to change without notice.

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