

SHANTUI SD32



SPECIFICATION

Min.ground clearance(mm)	500
Operating weight(Kg)	37200
Ground pressure(MPa)	0.105
Min.turning radius(m)	3.8
Gradeability(°)	30
Track gauge(mm)	2140



ENGINE

Model & type	Cummins NTA855-C360, In-line, water cooled, 4-cycle, overhead valve direct injection, turbocharged diesel
Rated revolution(rpm)	2000
Rated power(kW)	235
Cylinder number-bore(mm) X stroke	6-139.7 X 152.4
Piston displacement(ml)	14010
Min fuel consumption(g/kWh)	245
Max torque(N.M/rpm)	1440/1400



POWER TRANSMITTING SYSTEM

Torque Converter	3-element, 1 stage, 1 phase
Transmission	Planetary gear, multi-disc clutch, hydraulically connected, forced lubrication
Main Drive	Spiral bevel gear, splash lubrication, single-stage speed reduction
Steering Clutch	Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control
Steering Brake	Wet, floating, direct on-off hydraulic inter-linking operation
Final drive	2-stage speed reduction of spur gear, splash lubrication



TRAVEL SPEED

Gear	1st	2nd	3rd
Forward(km)	0-3.6	0-6.6	0-11.5
Reverse(km)	0-4.4	0-7.8	0-13.5



UNDERCARRIAGE SYSTEM

Type	Swing type of sprayed beam, suspended structure of equalizer bar
Carrier rollers	2(each side)
Track rollers	7/each side (single flange5, double flange2)
Track type	41(each side)
Width of track shoes(mm)	560
Pitch(mm)	228.6



HYDRAULIC SYSTEM

Max.pressure(MPa)	14
Pump type	Gear pump
Discharge(L/min)	335.5(1800rpm) (at revolution of 2000rpm)
Bore of working cylinder(mm) X number	Ø120 X 2
	(double-acting type)



BLADE

Specification	Blade type		
	Straight-tilt	Angle	Half U-Blade
Dozing capacity(m³)	10	6	11.9
Efficiency(m³/h)(Theoretical value 40m)	330	245	365
Blade width(mm)	4130	5000	4030
Blade height(mm)	1590	1140	1725
Max.drip below ground (mm)	560	630	500
Max. tilt adjustment(mm)	>100	>500	>1000
Weight of blade(kg)	4520	4855	4868



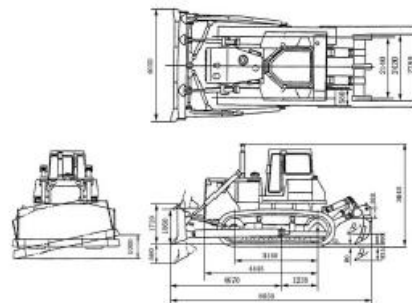
RIPPER(OPTIONAL)

Max.digging depth of 3-Shank Ripper(mm)	542
Max.lift above ground(mm)	883
Weight of 3-Shank Ripper(Kg)	3800
Max.digging depth of Single ripper(mm)	1250
Max.lift above ground(mm)	965
Weight of Single ripper(Kg)	3243



OVERALL DIMENSIONS

Straight-tilt blade



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