





YD230 BULLDOZER

Awarded the ISO9001: 2000 SYSTEM CERTIFICATE

SPECIFICATION				Working Equipment			
Specification/Blade	Straight-tilt	Angle	U-Blade	Specification/Blade Type	Straight-tilt	Angle	U-Blade
Operation Weight (kg)	24220			Blade Capacity (m ³)	7.8		
Min. Clearance (mm)	405			Blade Width×Height (mm)	3725×1395		
Min. Turning Radius (m)	4.32			Max. Lift (mm)	1210		
Ground Pressure (MPa)	0.076			Max. Depth (mm)	540		
Track Gauge (mm)	2000			Max. Tilt Adjustment (mm)	470		
Max. Pulling Force (KN)	266			Blade Cutting Angle (°)	55		
Grade Ability (°)	30			Capability (m ³ /h) (Theoretical value 40m)	380		
TRAVEL SPEED				Weight of Blade (kg)	3423		

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	1ST	2ND	3rd	COOLANT AND LUBRICANT CAPACITY	
Forward (km/h)	0~3.8	0~6.8	0~11.3	Fuel Tank Capacity(L)	450
Reverse (km/h)	0~4.9	0~8.2	0~13.6	Hydraulic Tank Capacity(L)	110
ENGINE				Engine Oil Capacity(L)	45
Model&type: Cummins NT855-C280S20 6-cylinder in-line 4-stroke-cylinder, water-cooled, direct injection, turbocharged diesel, charge air cooling system.				Torque Converter, Transmission, Bevel Gear, Steering Clutch Capacity(L)	122
Rated Revolution(rpm)			2000	Final Drive Capacity (L)	82
Flywheel Horsepower(HP)			243		
Cylinder Number-Bore×Stroke(mm)			6-140×152	Ripper (Optional)	
Piston Displacement(L)			14	Single Ripper	3-Shank Ripper
Min. Fuel Consumption(g/kWh)			217	Max. Digging Depth(mm)	666
Max. Torque (Nm/rpm)			855/1400	Max. Lift (mm)	555
Starting Method			Starting Motor 24V 11KW	Shank of Distance(mm)	1000

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POWER TRANSMISSION SYSTEM	
Torque Converter	3-element, 1-stage, 1-phase
Transmission:	Planetary gear, multi-disk clutch, hydraulically connected, forced lubrication, 3 forward and 3 reverse speeds
Central transmission	Spiral bevel gear, single-stage speed reduction, Splash lubrication
Steering Clutch:	Wet, Multi-disk, Spring loaded, Hydraulic separated, Hydraulic control.
Steering Brake:	Wet, Floating, Direct on-off Hydraulic interlinking operation.
Final Drive	Double reduction of spur gear, splash lubrication
HYDRAULIC SYSTEM	
Pump type	Gear pump
Working pressure (MPa)	14

9. 外形尺寸(单位: mm)

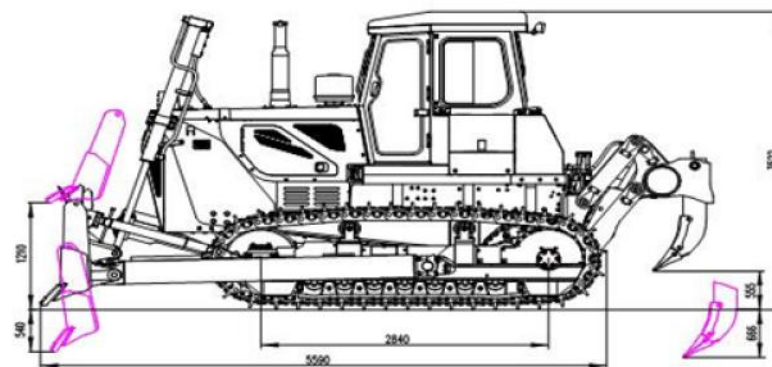


图 1-2

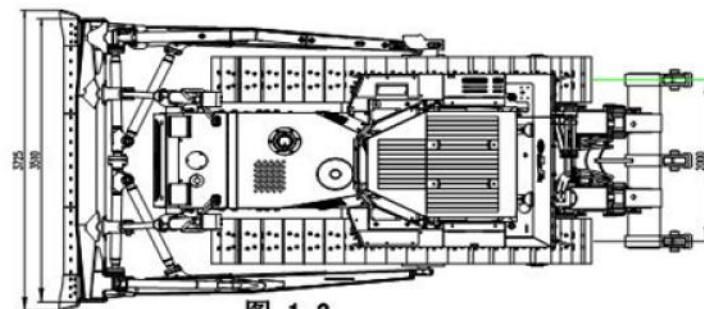


图 1-3

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System discharge(L/min)	320(at revolution of 2000rpm)
Working cylinder type	Double-acting piston type
Working cylinder lift Number-BoreXRodXstroke (mm)	2-120×70×1043
Working cylinder Tilt BoreXRodXStroke (mm)	200×90×130
UNDERCARRIAGE SYSTEM	
Type:Swing type of sprayed beam, suspended structure of equalizer bar	
Carrier Rollers	2/Each side
Track Rollers	7/each side(5-single flange,2-double flange)
Track Type	Sealed, Assembled single-grouser
Number of Track Shoes	39(Each side)
Width of Track Shoes(mm)	560
Pitch(mm)	216
Length of Track On Ground(mm)	2840

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