

ZOOMLION TECHNOLOGY WITH INGENUITY AND CARE



THE WORLD'S LEADING EXCAVATOR INTELLIGENT MANUFACTURING FACTORY

ZOOMLION Smart City Earthmoving Machinery Park is an industry-leading intelligent and flexible excavator factory. From a piece of steel plate to an excavator, with high-precision welding process, highly reliable assembly process, high-level coating process and strict quality control, each excavator is delivered with ultimate quality.



ZOOMLION

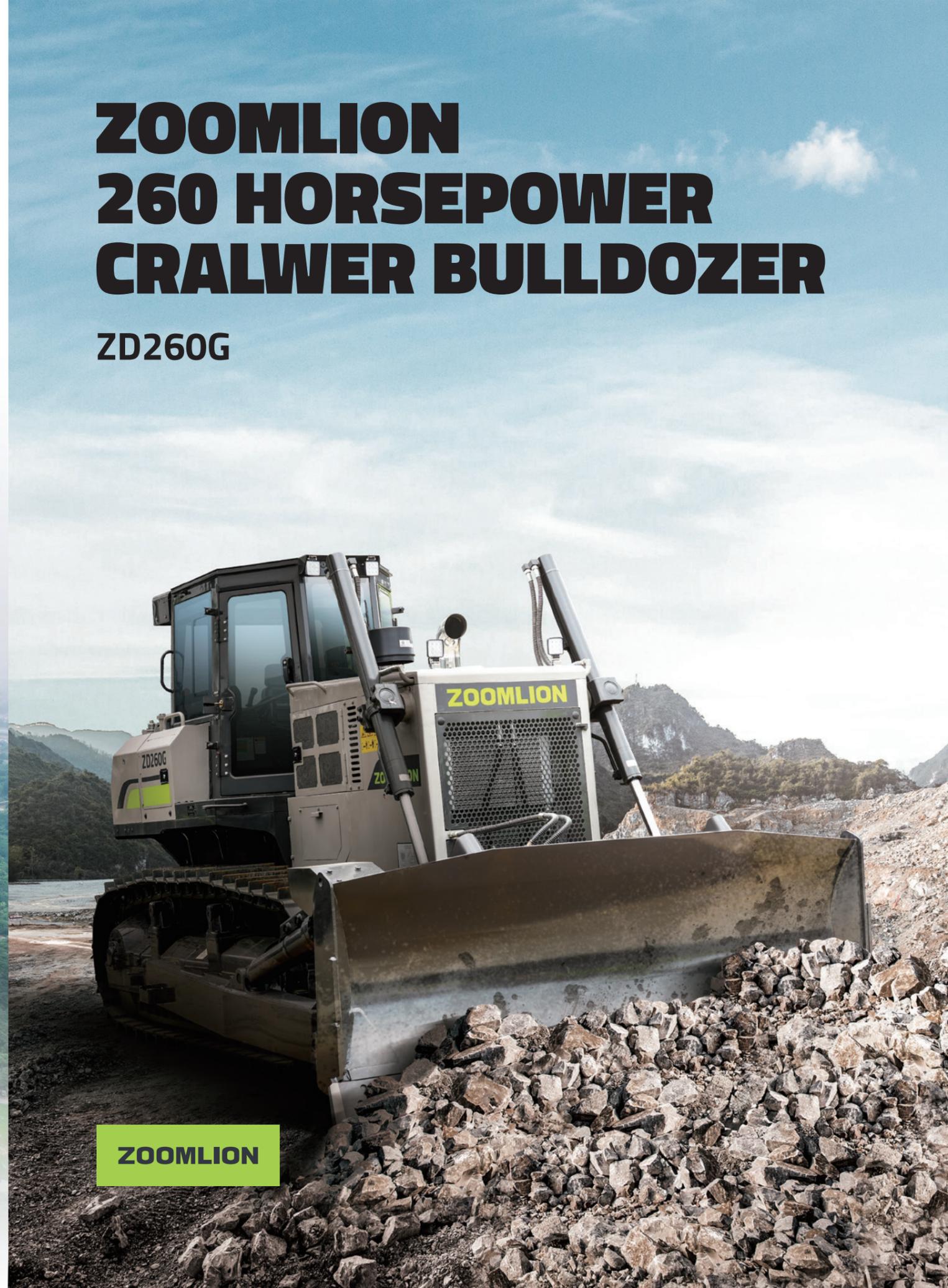
Zoomlion Heavy Industry Science & Technology Co.,Ltd.

Add: Zoomlion Smart City Headquarters Building, No.613 Naqiu Road, Wangcheng District, Changsha, Hunan, China 410221
Email: earthmoving@zoomlion.com
Copyright © Zoomlion. All rights reserved. Reproduction and copying of any part of contents is not allowed for any purposes without Zoomlion's approval.
Note: Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment.



ZOOMLION 260 HORSEPOWER CRAWLER BULLDOZER

ZD260G



ZOOMLION

VISION CREATES FUTURE

ZD260G

Engine rated power : 187-190 kW / 1850 rpm

Operating weight : 23850kg - 24330kg

ZD260G MGP

Engine rated power : 187-190 kW / 1850 rpm

Operating weight : 25800kg - 26016kg

MGP for wetland working condition



Engine

Turbo pre-filtration is standard on the intake system and a three-stage filtration system is standard on the fuel system to increase working conditions adaptability.

Electrical System

Integrated electrical control box, ensures convenient maintenance; It is equipped with a USB charging port, which can meet the power needs of external devices.

Hydraulic System

Pilot-operated hydraulic system enhances operation comfort; External mounting of multi-way valves will improve serviceability; Improved maintenance of the dozer through optimized steering safety valve arrangement; Hydraulic line layouts were carried out to facilitate improved line reliability.

Cab

Special-shaped frame improves the rigidity of the cab, providing more effective protection for drivers; The cab space is increased by 16% and the operating field of view is optimized, which can enhance driving comfort.

Working Equipment

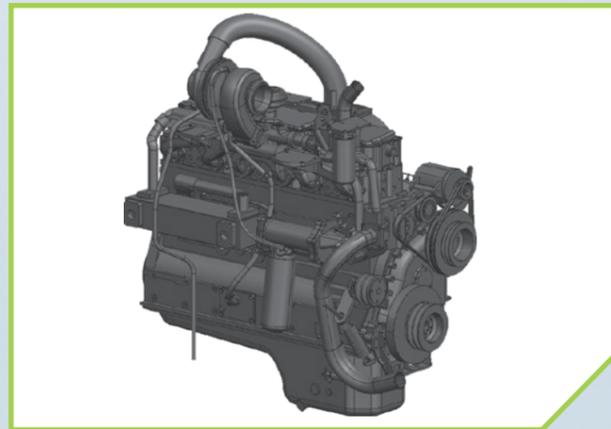
It optimizes the structure of blade and improves the welding craftsmanship; It improves the oil cylinder support joint form to facilitate disassembly and assembly; It has a variety of optional configurations to meet different working conditions.

Travel System

Increase the length of grounding facilitates the passability of the whole machine.



HIGH EFFICIENCY & ENERGY SAVING



It adopts a mature power unit, which has been tested in the market for a long time and has sufficient power reserve, with a rated power of 187kW/1850rpm and a maximum torque of 1131N·m;

Fuel consumption of the bulldozer is reduced, and the comprehensive efficiency is improved, the overall ROI is more beneficial.



The hydraulic system has been upgraded from 14MPa to 21MPa, and the bulldozer has more lifting force and pushing force to meet the requirements of different working conditions;

The multi-way valve is external, the steering safety valve is rear-mounted, and the structural design of the engine guard has been optimized so that routine maintenance is easier.



Fuel consumption of the bulldozer is reduced, and the comprehensive efficiency is improved.

WORKING DEVICES



Straight Tilt Blade (Standard)

The blade can be adjusted in the vertical plane to the left or right at a certain angle of inclination. With good flexibility, greater cutting and leveling ability, it is suitable for sand, stone, hard soil and other hard materials.



Semi-U Blade (Optional)

Semi-U blade has the characteristics of both straight tilting blade and U blade, which not only has a large cutting force, but also has a good gathering effect in the process of bulldozing, which is suitable for a variety of working conditions.



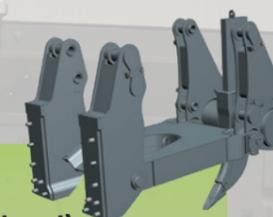
U Blade (Optional)

The U blade has large capacity, with strong ability of collecting and transporting soil, in the process of pushing and transporting, and it can effectively prevent the material from overflowing out from both sides of the shovel blade, and it has a very good effect of gathering, and it is mainly suitable for transporting the soil over a long distance or the stacking of loose materials, such as pushing coal in the coal yard.



Sanitation Blade (Optional)

This kind of blade is usually used in large and medium-sized garbage disposal site. The special raised part of the upper part of the blade can avoid the materials going into the back of the blade.



Single-Shank Ripper (Optional)

It can be used for large area excavation of frozen soil, hard road surface, mine stripping construction and farmland infrastructure, instead of the traditional drilling and firing construction, so the construction is safer.



Triple-Shank Ripper (Optional)

This ripper is mainly used for loosening hard pavement or frozen soil, and can effectively improve the stripping efficiency of hard shi layer when working with bulldozer.

COMFORTABLE DRIVING

Newly designed independent closed dust-proof cab, the sealing is greatly improved, effectively reducing the noise and dust pollution in the cab; the frame is welded with shaped tubes for higher strength, with novel and beautiful appearance.



It adopts hydraulic pilot control system to enhance handling comfort and reduce maneuvering force by 39%; and it adopts mature engine, which has been tested in the market for a long time, with high torque and sufficient power reserve;

The cab has been newly upgraded and the interior is equipped with a variety of attachments to improve driver safety as well as overall operator comfort.



RELIABLE & DURABLE

Adaptive improvements for working devices



The blade arc plate adopts high-strength wear-resistant materials, the structure of the blade is optimized, the service life is increased by 25%, and the connection of the blade adopts the bolt connection of tile cover, the structure is reliable, and the maintenance is simple.



The main oil circuit of the inclined oil circuit is arranged inside the car body, avoiding the damage caused by the relative movement of the soft and hard pipes arranged in the joint parts and the lack of strict protection, while the front pipeline and the lifting cylinder adopts the structure of tile cover connection, making it more convenient to dismantle and install the bulldozing device when the equipment is transferred to other places.

U-shaped plate takes welding structure



Optimisation of lifting cylinder support structure



CUSTOMER SERVICE

CONVENIENT MAINTENANCE



Oil filter maintenance



Air cleaner maintenance



Fuel filter maintenance



Replacing fuse



Refueling



Rear axle oil refilling



Final drive refueling



Radiator maintenance



Oil tank draining

Zoomlion promises that once you choose us, we are ready to respond with the first arrival and solution any time, anywhere. Various service content, professional service teams, global service networks and systematic technical support are readily available from Zoomlion for an effective response and solution upon your request no matter where you are in the world and what time it is.

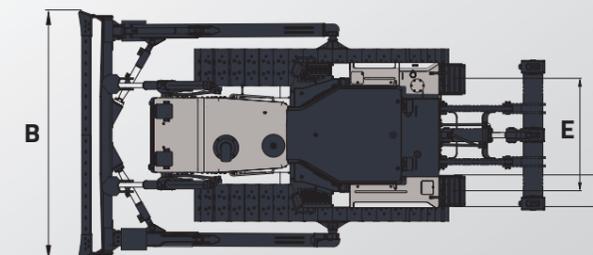
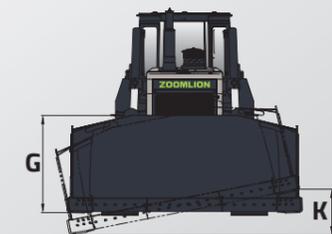
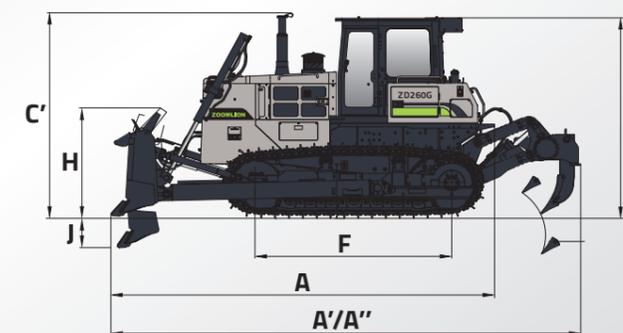
TECHNICAL PARAMETERS

ZD260G	
Engine	
Model	Cummins NT855-C280
Type	Inline, turbocharged, coolant cooled, 4 stroke
Displacement	14 L
Rated speed	1850 rpm
Rated power	187-190 kW
Maximum drawbar pull	210kN (Straight Tilt Blade) 215kN (Semi-U Blade,U Blade)
Maximum torque	1131 kN/1200 rpm
Generator	28 V,60 A
Transmission	
Torque converter	3 Components 1 stage 1 phase
Gearbox	Power shift planetary transmission
Type	Planetary gear, multi-disc clutch, manual control, power shift
Gear and speed	Forward I : 0-3.6 km/h Forward II : 0-6.5 km/h Forward III : 0-11.2 km/h Reverse I : 0-4.3 km/h Reverse II : 0-7.7 km/h Reverse III : 0-13.2 km/h
Cooling method	Water cooled
Central drive	Spiral bevel gear, Splash lubricated
Undercarriage	
Suspension type	Semi-rigid, balanced beam floating type
Number of carrier rollers (each side)	2
Number of track rollers (each side)	7
Number of idler (each side)	1
Track type	Assembled, single grouser
Track pitch	216 mm
Number of track pad (each side)	41
Ground pressure (kPa)	61.3 kPa (Straight Tilt Blade) 62.2 kPa (Semi-U Blade) 62.5 kPa (U Blade)
Ground clearance	405 mm
Minimum turning radius	3515 mm/4550 mm

ZD260G	
Steering system	
Steering clutch	Wet type, multi-disc clutch type, spring pressing, operating oil pressure action
Steering brake	Wet, floating belt, pedal operation (with hydraulic booster)
Final drive	Spur gear two-stage reduction, splash lubrication
Operating weight (kg)	
Straight Tilt Blade	23850 kg
Semi-U Blade	24200 kg
U Blade	24330 kg
Hydraulic control mechanism	
Type	Gear pump
Working pressure	21 MPa
Maximum flow	198 L/min
Control method	Pilot
Working equipment	
Blade material	27 MnTiB
Blade cylinder diameter	100 mm
Service refill capacities	
Cooling system	72 L
Fuel tank	480 L
Engine oil	43 L
Torque converter, gearbox	122 L
Rear axle box	122 L
Final drive (each side)	41 L
Working equipment oil tank	145 L
Lubrication system	
Gearbox	forced lubrication
Central drive shaft	splash lubrication
Steering brake	splash lubrication
Final drive	splash lubrication
Gradeability	
	30°

DIMENSION

	ZD260G		
	Straight Tilt Blade	Semi-U Blade	U Blade
A Overall length (without ripper)	5760 mm	5985 mm	6106 mm
A' Overall length (with single-shank ripper)	7465 mm	7690 mm	7811 mm
A'' Overall length (with triple-shank ripper)	7107 mm	7332 mm	7453 mm
B Overall width (Blade width)	3725 mm	3645 mm	4213 mm
C Overall height (to cab top)	3370 mm		
C' Overall height (to exhaust pipe top)	3430 mm		
D Track pad width	560 mm		
E Track gauge	2000 mm		
F Length of track on ground	3050 mm		
G Blade height	1315 mm	1580 mm	1393 mm
H Maximum lift of blade above ground	1200 mm	1200 mm	1200 mm
J Maximum drop of blade below ground	540 mm	540 mm	540 mm
K Maximum tilt of blade	735 mm	735 mm	735 mm
Blade capacity	6.4 m³	7.3 m³	9.3 m³



STANDARD & OPTIONAL FEATURES

Classification	Configuration items	ZD260G
Engine	Air filter	●
	Air pre-cleaner	●
Radiator	Normal radiator	●
	High cooling capacity radiator	○
Hydraulic system	Working pump	●
	Multiple valve	●
Transmission	Torque converter	●
	Gearbox	●
Electrical system	Reversing alarm	●
	Caution light	●
	Fuel level sensor	●
	GPS	●
Front working equipment	Straight Tilt Blade	●
	Semi-U Blade	○
	U Blade	○
Rear working equipment	Triple-shank ripper	○
	Single-shank ripper	○
Travel system	Track 560mm	●
	Track 610mm	○
	Track 660mm	○
	Long fender assembly	●
Cab	Radio	●
	Fire extinguisher	●
FOPS&ROPS	Four pillars anti-tip frame	○
Air conditioner	Heating and cooling air conditioner	●

● STANDARD
○ OPTIONAL

STANDARD & OPTIONAL FEATURES

Classification	Configuration items	ZD260G MGP
Engine	Air filter	●
	Air pre-cleaner	●
Radiator	Normal radiator	●
	High cooling capacity radiator	○
Hydraulic system	Working pump	●
	Multiple valve	●
Transmission	Torque converter	●
	Gearbox	●
Electrical system	Reversing alarm	●
	Caution light	●
	Fuel level sensor	●
	GPS	●
Front working equipment	Straight Tilt Blade	●
	Sanitation Blade	○
Rear working equipment	Triple-shank ripper	○
	Single-shank ripper	○
Travel system	Track 910mm	●
	Long fender assembly	○
	Short fender assembly	●
Cab	Radio	●
	Fire extinguisher	●
FOPS&ROPS	Four pillars anti-tip frame	○
Air conditioner	Heating and cooling air conditioner	●

● STANDARD
○ OPTIONAL