

ZOOMLION 340 HORSEPOWER CRAWLER BULLDOZER

ZD340G



ZOOMLION

**VISION
CREATES
FUTURE**



ZD340G

Engine rated power : 257 kW / 2000 rpm

Operating weight :

35260 kg (Standard)

39781 kg (With single-shank ripper and ROPS)

40628 kg (With triple-shank ripper and ROPS)



Power System

It is paired with a Cummins engine, which has a large output torque, low fuel consumption, and low noise, high reliability and long life.


Hydraulic System

The hydraulic line is sealed with a 24° cone and the layout of this line has been optimized for greater safety and reliability.

Working Equipment

The new structure of the two braces straight tilting shovel, so the structure is more reasonable, more balanced force, higher reliability;

The shovel blade is made of wear-resistant steel for better abrasion resistance and longer service life.

A ZD340G bulldozer is shown in a desert environment, pushing sand. The machine is grey and black with yellow accents. The background features rolling sand dunes under a blue sky with scattered white clouds. Three green lines originate from the bulldozer: one points to the top of the cab, another points to the cab's side, and a third points to the rear of the machine's chassis.

Electrical System

It is equipped with advanced electronic monitoring system, color LCD screen + pointer gauge co-display, vehicle data information display is clear and concise, good human-machine interaction.

Cab

16% increase in cab space;

The sealing performance is improved, and the noise at the driver's ear is reduced by 2.4dB.

Transmission System

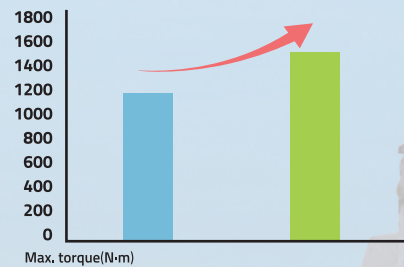
The final drive adopts 2-stage cylindrical spur gear reduction, splash lubrication, high transmission torque and high reliability;

The transmission system is more reasonably matched to the engine, and the transmission is more efficient and reliable.

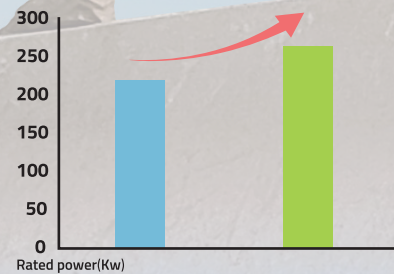
STRONG POWER

Cummins NTA855 engine

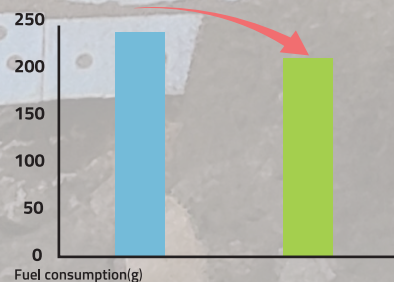
It is powered by a Cummins engine with a customized torque curve, with multi-stage filtration of the air intake system, cleaner intake air, less pollution, green environmental protection, high efficiency and energy saving; strong power, low fuel consumption and high reliability.



Customized engine that is more powerful increases its Max. torque to 1509N·m



Customized engine with stronger power increases its rated power to 257kW

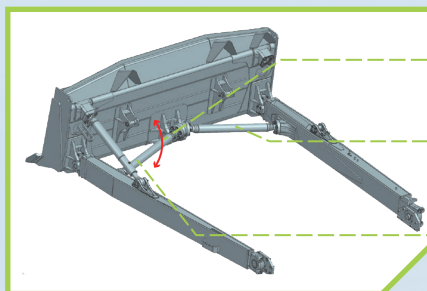


Customized engine that saves energy and has high efficiency decreases its fuel consumption to 208g/kW.h

RELIABLE & DURABLE

New straight-tilt blade with two struts

It adopts a new type of horizontal spacer, from the original four to two spacers, of which the indirect head rotates around the axis in a certain angle, effectively reducing the impact of spacer up and down jumping and spacer swing amplitude, so the movement is more reasonable, higher reliability.



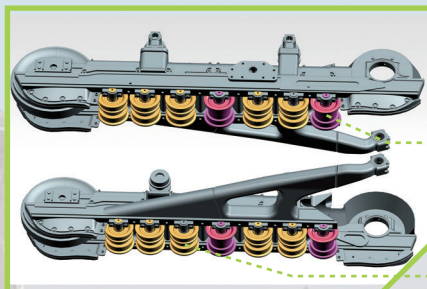
Rotate up and down

Right strut

Left strut

New straight-tilt blade with two struts

Dual-side track rollers have stronger load bearing capacity, which will have better track chain movement guidance; at the same time, the whole machine is more stable in operation and has better passability, which can effectively extend the service life of the whole machine.



Single-side track roller

Dual-side track roller

Straight through prefilter (Standard)

Its standard straight-through pre-filter effectively separates dust, sand, pulverized coal and other impurities in the air, combining with the engine's multi-stage air filter to improve recent cleanliness and eliminate early engine wear.

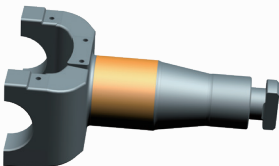
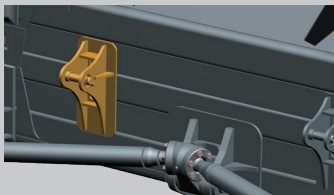
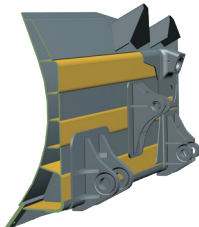
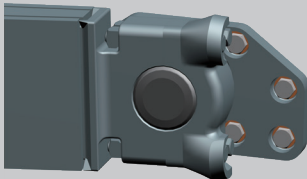


Turbocharger (Standard)

The turbocharger, which improves and widens the high efficiency zone, increases the intake air pressure ratio, improves combustion, reduces fuel consumption rates, and can improve the engine's ability to adapt to altitude.



INNOVATIVE QUALITY

Model	Adaptive Improvements	
Increase the diameter of the lifting cylinder's rotating shaft		The diameter of the spindle is increased from $\phi 125\text{mm}$ to $\phi 140\text{mm}$ with higher strength and reliability.
Optimization of blade lifting cylinder support reinforcement		The support structure has been optimized with longer weld seams to improve the adaptability to heavy-duty working conditions.
Multi-stage "U" plate structure		The rear box plate is optimized for "3U" type plate welding, with good weldability and high blade strength.
Increase in the spherical size of the trunnion of the blade		Increase the effective contact area of the trunnion to enhance structural reliability.

COMFORTABLE & SAFE

The top-mounted, high-powered air conditioner boasts faster cooling and its performance is 22% better for a more comfortable driving;

Cab: its use of profiled skeleton, the inner and outer door panels are stamping molding sealing is optimized; cab with a cigarette lighter, fire extinguisher, coat hooks, cup holders and other multi-functional configurations.

Sealed cabin with special-shaped frame



The top-mounted, high-powered air conditioner



Special-shaped frame



Multiple Functional Configurations



CUSTOMER SERVICE

A worker wearing a white hard hat and a high-visibility yellow vest is working on a large industrial machine. The machine has a grey metal frame with a black mesh screen. The worker is using a tool to work on the machine. The background is a solid grey color.

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.

CONVENIENT MAINTENANCE



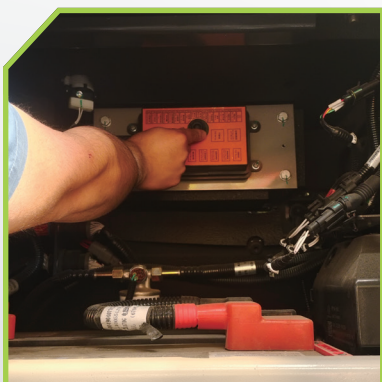
Oil filter maintenance



Air cleaner maintenance



Fuel filter maintenance



Replacing fuse



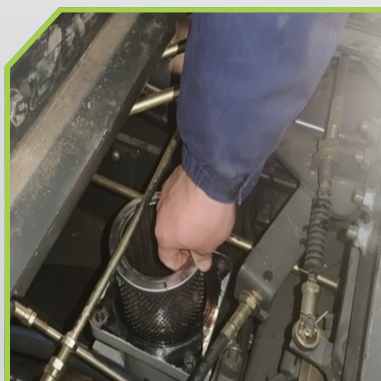
Refueling



Refilling engine oil



Transmission filter maintenance



Undercarriage filter maintenance



Hydraulic oil filter maintenance

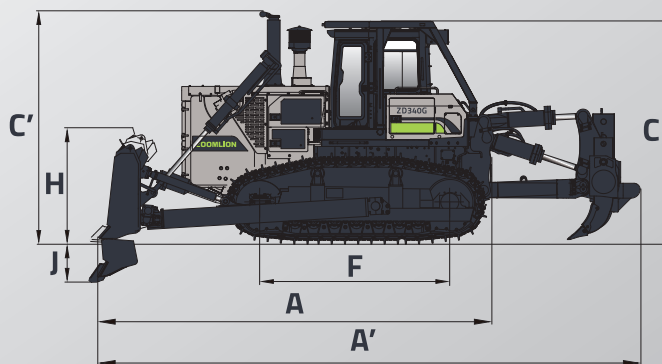
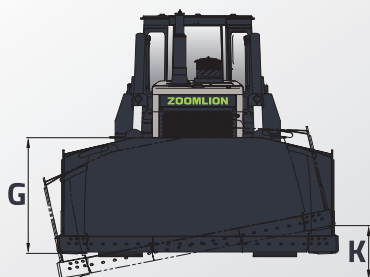
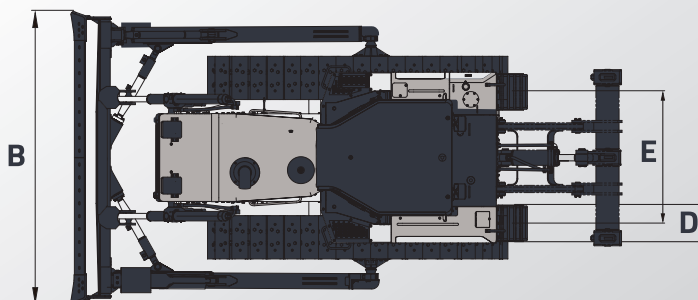
TECHNICAL PARAMETERS

ZD340G	
Engine	
Model	Cummins NTA855-C360S10
Type	Inline, coolant cooled, 4 stroke,turbocharged, direct-injection
Displacement	14 L
Rated speed	2000 rpm
Rated power	257 kW
Maximum drawbar pull	>337kN (Forward I ; Standard without loosener)
Maximum torque	1509 N.m/1400 rpm
Generator	28 V、 60 A
Transmission	
Torque converter	3 Components 1 stage 1 phase
Gearbox	Power shift planetary transmission
Type	PPlanetary gear, multi-disc clutch, manual control, power shift
Gear and speed	Forward I :0-3.6 km/h Forward II :0-6.6 km/h Forward III :0-11.5 km/h Reverse I :0-4.4 km/h Reverse II :0-7.8 km/h Reverse III :0-13.5 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	228.6 mm
Number of track pad (each side)	41
Ground pressure (kPa)	97.5 kPa
Ground clearance	500 mm
Minimum turning radius	3500 mm

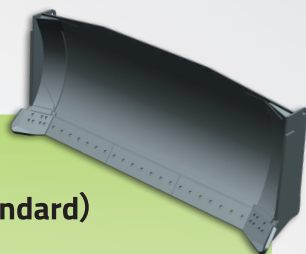
ZD340G	
Steering system	
Steering clutch	Wet type, multi-disc clutch type, spring pressing, operating oil pressure action
Steering brake	Wet, floating belt, pedal operation (with hydraulic booster)
Final drive	Spur gear two-stage reduction, splash lubrication
Operating weight (kg)	
Standard	35260 kg
With single-tooth looseners and anti-tip racks	39781 kg
With three-tooth looseners and anti-tip racks	40628 kg
Hydraulic control mechanism	
Type	Gear pump
Working pressure	14 MPa
Maximum flow	360 L/min
Control method	Slide valve type
Working equipment	
Blade material	31SiCrMoB
Blade cylinder diameter	140 mm
Service refill capacities	
Cooling system	101 L
Fuel tank	650 L
Engine oil 发动机油底壳	Lower level 28L, upper level 36L 下液位28L, 上液位36L
Rear axle box, torque converter, gearbox	185 L
Final drive (each side)	55 L
Working equipment oil tank	97 L
Lubrication system	
Gearbox	forced lubrication
Central drive	splash lubrication
Final drive	splash lubrication
Gradeability	
30°	

DIMENSION

ZD340G	
	Straight Tilt Blade
A Overall length (without ripper)	6583 mm
A' Overall length (with single-shank ripper)	9077 mm
B Overall width (Blade width)	4130 mm
C Overall height (to cab top)	3575 mm
C' Overall height (to the top of anti-rollover frame)	3692 mm
D Track pad width	560 mm
E Track gauge	2140 mm
F Length of track on ground	3150 mm
G Blade height	1590 mm
H Maximum lift of blade above ground	1627 mm
J Maximum drop of blade below ground	560 mm
K Maximum tilt of blade	1010 mm
Blade capacity	10.5 m ³

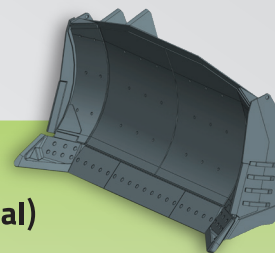


WORKING DEVICES



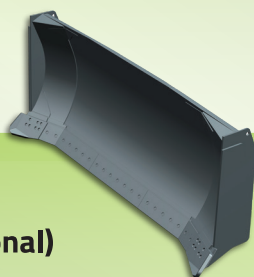
Straight Tilt Blade(Standard)

It can be tilted up and down in the vertical plane, with good flexibility, greater cutting force and leveling ability, suitable for sand, gravel, hard soil and other relatively hard materials.



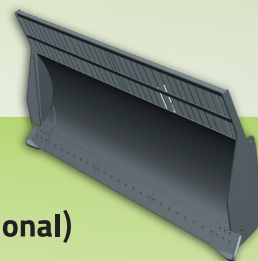
Rock Blade (Optional)

Double-layer arc plate and so on are made of high-strength wear-resistant NM400 steel plate, double-layer reinforcement of both side plate. Anti-collision wall, U-plate structure rear box plate and strengthened push frame ensures high reliability.



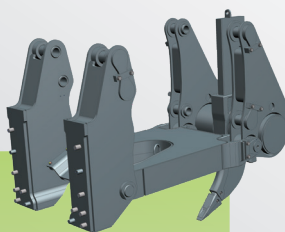
Semi-U Blade (Optional)

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.



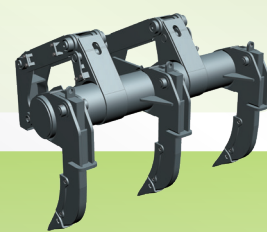
Sanitation Blade (Optional)

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.

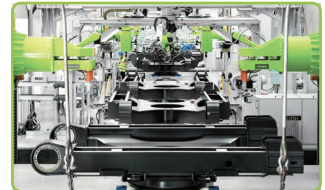
STANDARD & OPTIONAL LIST

Classification	Configuration items	ZD340G
Engine	Engine brand	●Cummins
	Rated power	257 kw / 2000 rpm
	Diesel filter stage	3 stages
	Air cleaner	●
	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	●
	Rock Blade	○
	Sanitation Blade	○
	Semi-U Blade	○
Rear working equipment	Triple-shank ripper	○
	Single-shank ripper	○
Travel system	7 Track rollers	●
	Track 560 mm	●
	Track 610 mm	○
	Track 660 mm	○
	Long fender assembly	●
Cab	Seat	●
	Radio	●
	Fire extinguisher	●
FOPS&ROPS	Four pillars anti-tip frame	○
	Six pillars anti-tip frame	○
Air conditioner	Heating and cooling air conditioner	○
	Cooling only air conditioner	○

STANDARD ●

OPTIONAL ○

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

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