

SOLID TO SUCCEED



Dozer

D360



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D360 is a hydraulic drive, electronically controlled shift dozer developed by XCMG. It features high reliability and reliable performance. It is an indispensable construction machine for national defense projects, urban construction, water conservancy construction, and other similar endeavors. This equipment incorporates advanced technologies such as intelligent control, limit load, hydraulic pilot control of blade, electronically controlled shift, construction data management, etc. It is a construction equipment with advanced technology, high efficiency, convenient and flexible operation and high reliability.



Main technical performance and characteristics

1 Simple and comfortable maneuverability:

1.The machine features a 10-inch main display and an 8-inch sub-screen touch LCD colour display with a Chinese HMI. The main page displays engine parameters, travel status, gear information, fault alarms and other machine parameters in real-time. The main page and sub-pages can be easily switched with finger touch, and the status of controller information and fault diagnosis, working hours, average fuel consumption, maintenance content, etc. can be queried on the sub-page.

2.The ergonomic control system has been developed to reduce operator fatigue and enhance control comfort. The machine's driving, steering, speed control, blade action and rear ripper action are all controlled by a professional control lever.

3.The operating control mechanism is pilot operating, with two levers respectively controlling the blade and ripper (optional). The propulsion system is single-lever electric, with rocker switches controlling forward and backward driving, and left-hand gear shifting.

2 Strong power performance:

Chongqing Cummins NTA855 engine configuration provides robust power, high efficiency while remaining easy to maintain. The overall machine achieves construction efficiency and low fuel consumption, resulting in cost-effective use.

3 Efficient drivetrain:

1.Optimized transmission system, transmission electronically controlled gear shift, efficient and simple construction, high transmission efficiency;

2.Torque converter: single-stage single-phase three-element hydraulic torque converter.

3.Transmission box: power shift planetary gearbox, three forward gears and three reverse gears.

4.Steering clutch: wet type, multi-plate disc spring compression, hydraulic separation, manual-hydraulic operation.

5.Steering brake: wet type, floating belt type, hydraulically assisted.

6.Central drive: spiral bevel gear, one-pole reduction, splash lubrication.

7.Final drive: two-stage spur gear deceleration, splash lubrication.

8.Drive shaft: Cross shaft type universal drive shaft is adopted.

4 Comfortable driving environment:

1.Spacious cab with large operation room and wide visibility, high safety guaranteed by standard ROPS;

2.Two-lever makes operation simple, comfortable and precise;

3.Armrest box touch display, providing a comfortable driving experience.

Cab and seat: new type of fully sealed cab, equipped with ventilation and heating device, wide visibility; adjustable seat in the middle, made of integral foam, offering comfortable working environment.

5 Reliable working ability:

1.Stable and reliable chassis system, adapting to various harsh working conditions;

2.The vehicle's extra-long crawler ground length and optimized crawler traction ability ensure a strong driving experience, while its good traffic performance is a key advantage. A variety of blades, single shank/three-shank ripper and draw bar are available. High-strength, high-wear-resistant blade ensures reliable construction.

6 Convenient maintenance performance:

All filters are easily accessible; large opening engine hood for convenient service; reduced lubrication points due to less mechanical rods. All lubrication points are easily within reach.



Comfortable operation

1 Ultra wide field of view and spacious interior

- Ultra broad vision, improving work accuracy and reducing difficulty. Spacious and luxurious driving space, without any sense of oppression or restraint.

3 Suspension seat, higher comfort

- The offset 15 ° suspension operator's seat can be adjusted in multiple dimensions to meet the various needs of users.

2 Open access channels

- Super wide door opening size, super large door opening angle, open entry and exit channels, convenient and comfortable for getting on and off.



Comfortable operation

4 More convenient human-computer interaction

- Large size touch LCD color display, self diagnosis of faults, providing convenient human-machine interaction.

6 Integrated electronic control handle control

- Walking gear shifting and steering control, integrated into a single electronic control handle, thumb wheel shift, simple and flexible operation, lightweight and comfortable.

5 Electrically adjustable armrest box

- The electrically adjustable armrest box allows for easy adjustment of the height and front and rear positions of the armrest boxes on both sides, providing the most comfortable control layout for operators of different body types.



Comfortable operation

7 Standard cold and warm air conditioning

- Standard equipped with cold and warm air conditioning, with a 360 ° air outlet layout, regardless of extreme cold or hot weather, it feels like spring all year round.

9 Intelligent and concise control

- One click start stop, electronic accelerator pedal control, integrated brake redundancy technology, reduces the throttle while reducing the overall vehicle speed, and reduces driver actions.

8 Fully sealed cab, lower noise

- Fully sealed cab, multiple shock absorption and noise reduction technologies, low ear noise, providing a quieter operating environment for operators.



Comfortable operation

11 ROPS/FOPS Standard integrated ROPS/FOPS

- Equipped with an integrated ROPS /FOPS as standard, safe and reliable.

12 Humanized configuration

- Multiple configurations such as cigarette lighter, USB charging port, radio, phone case, sunshade, heating and cooling box, foldable ladder, etc. provide a more personalized driving experience.



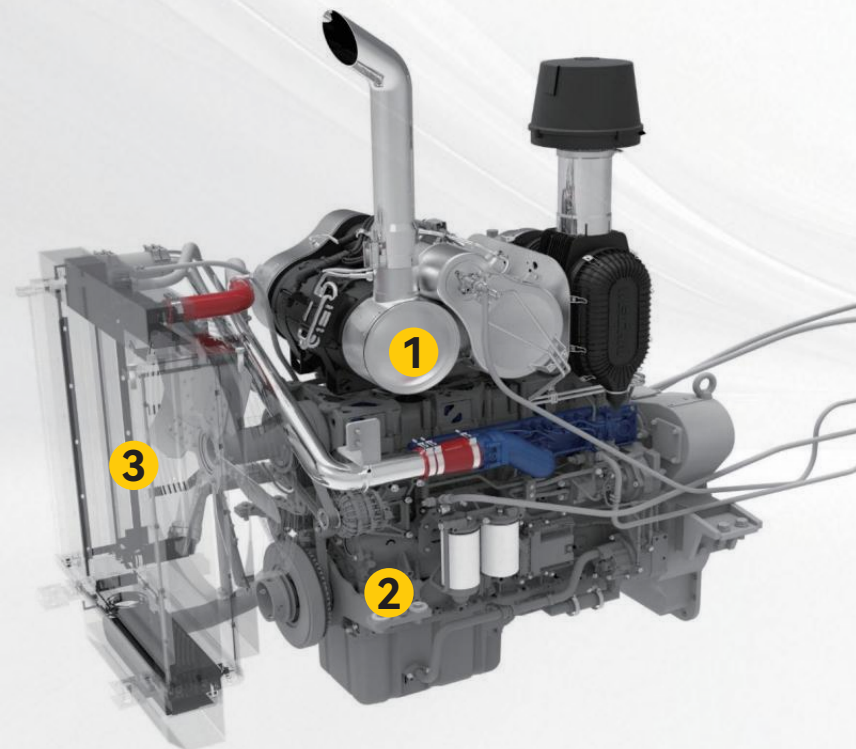
High-performance Power

1 Powerful, economical and environmentally friendly

- Large power reserve and automatic load control technology ensure efficient operational performance under different working conditions.

3 Thermal management system

- The thermal pipe system passed the environmental test with a closed temperature range of up to 45°C. It can maintain high-intensity operations for at least 5 hours.



2 Strong overload capacity

- The engine has a large torque reserve coefficient of over 40%, which can adapt to various complex construction conditions.

Efficient transmission

1 Three-element hydraulic torque converter

- Simple structure, high reliability and high efficiency.

3 Brake

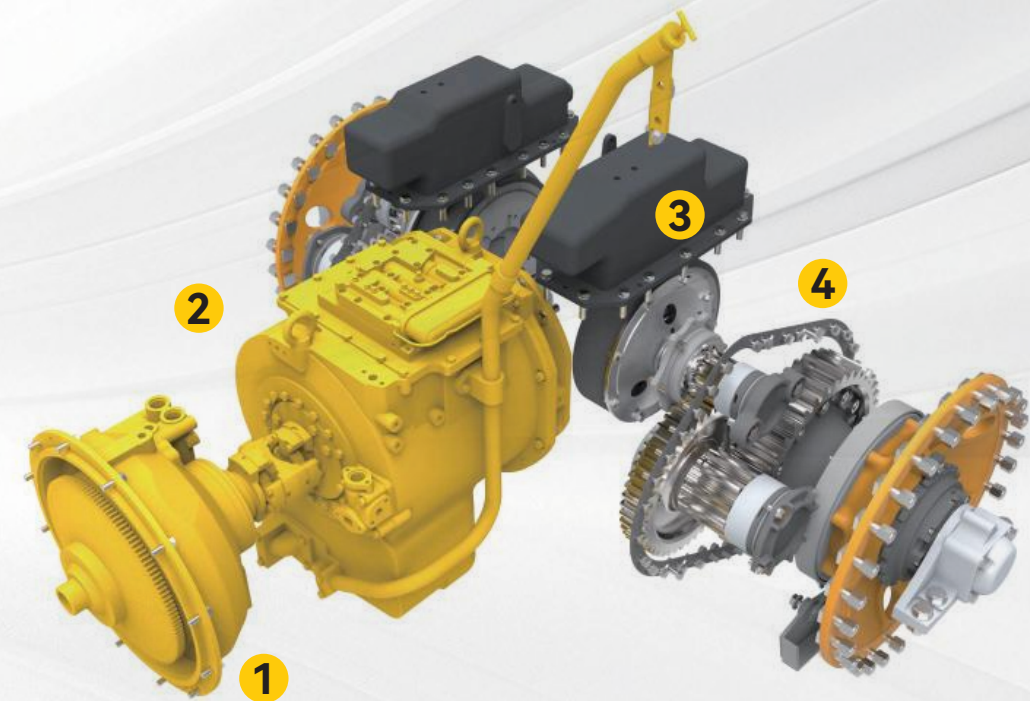
- Electrically controlled, wet, floating, belt brake.

2 Electronically controlled transmission

- Simple structure, high reliability and high efficiency.

4 Steering clutch

- Electrically controlled, normally engaged, wet, multi-disc steering clutch.



Reliable and durable chassis system

1 Four wheels and one track

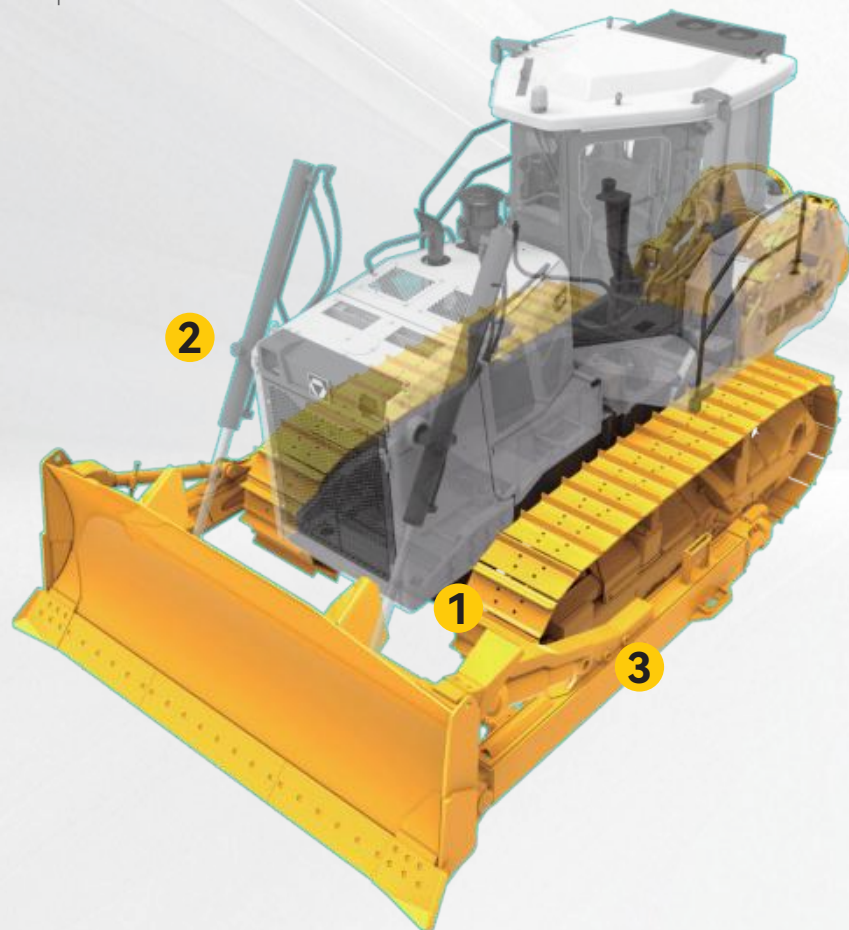
- XCMG's self-produced stable and reliable chassis system, as well as a proven transmission system, are fearless of extreme harsh working conditions.

2 Track links

- The Track link adopts hot die forging and tempering treatment, with excellent comprehensive mechanical properties and surface wear resistance of the substrate. The pin sleeve is subjected to cold extrusion and carburizing quenching treatment to ensure high wear resistance and impact resistance.

3 Support wheel and drive gear block

- The supporting wheels and driving teeth are fully hardened, with extremely high strength and wear resistance, suitable for continuous high load operations.



Powerful walking and working equipment

1 Superb grip ability

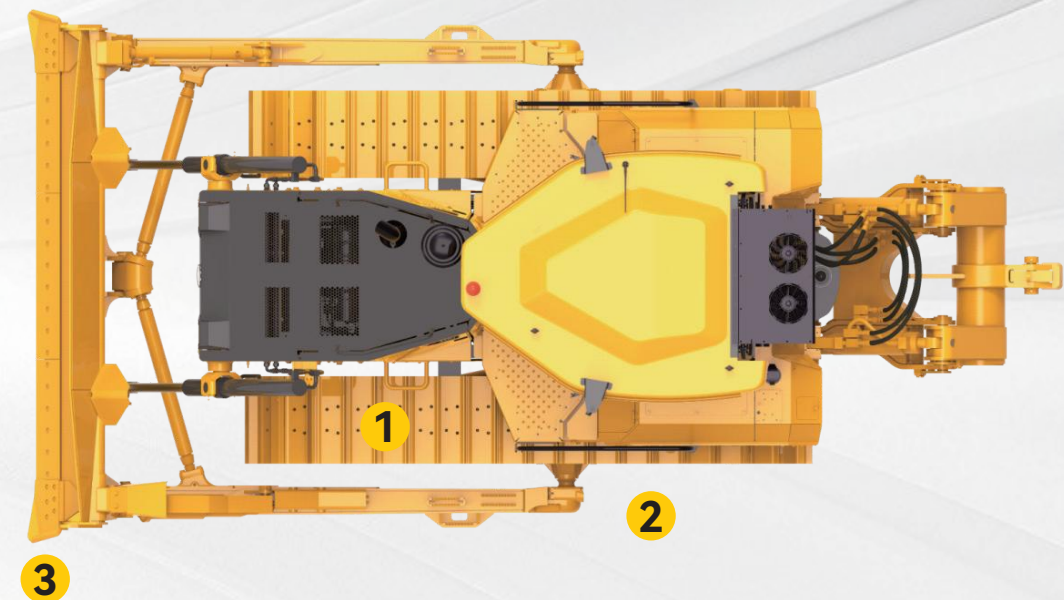
- Super long track grounding length and optimized track gripping ability, strong walking driving ability, and good passing performance.

2 Oil chain

- By using heavy-duty gear oil and high-precision end face sealing, and undergoing positive pressure airtightness testing, the service life can reach more than twice that of ordinary sealed tracks.

3 Shovel blade

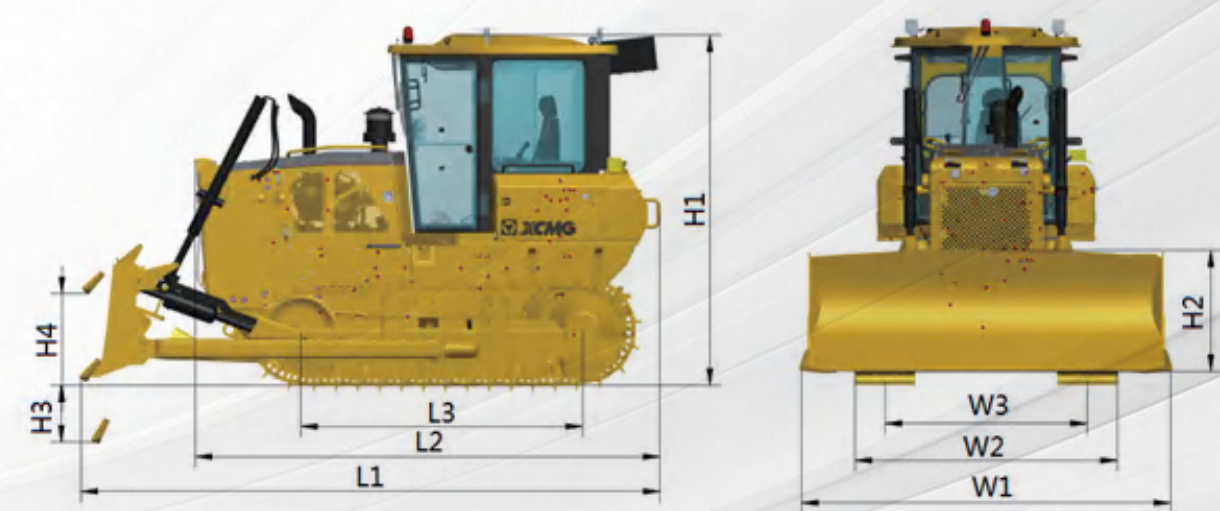
- Multiple blade configurations, optimized curved plate shape, increased soil cutting and material transportation by 9%, using high-strength plates and durable and wear-resistant NM400 materials.



Technical parameter table

Machine Performance		D360
Machine Performance		
Operating weight	kg	34300
Minimum turning radius	mm	3800
Ground pressure	kPa	83/77/71
Overall dimensions	mm	6550×4130×3700
Engine		
Model	/	NTA855-C360S10
Rated Power/Rated Speed	(kW/rpm)	257/2000
Driving Performance		
Forward gear 1	km/h	3.6
Forward gear 2	km/h	6.8
Forward gear 3	km/h	12.3
Reverse gear 1	km/h	4.3
Reverse gear 2	km/h	8.0
Reverse gear 3	km/h	13.0
Ground clearance	mm	500
Undercarriage		
Track gauge	mm	2140
Width of track shoes	mm	560/610/660
Length of track on ground	mm	3150
Number of track shoes	mm	41
Chain Pitch	mm	228.6
Number of carrier rollers(one side)	pcs	2
Number of track rollers(single side)	pcs	7
Tank Capacities		
Fuel tank	L	730
Hydraulic oil tank	L	139
Working Equipment		
Blade form	/	Straight blade
Blade width	mm	4130
Blade height	mm	1590
Blade capacity	m³	7.2
Blade lifting height	mm	1450
Cutting Depth	mm	560
Ripper form	/	Single-shank/three-shank(option)
Digging depth	mm	1250/842
Ripper lifting height	mm	1200/883

Appearance And Dimensions



Model	L1	L2	L3	H1	H2
D360	6550	5100	3150	3700	1590

Model	H3	H4	W1	W2	W3
D360	560	1450	4130	2700/2750/2800	2140