

SOLID TO SUCCEED



Dozer

D260



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D260 (China stage I) is a hydraulic drive, electronically controlled shift dozer developed by XCMG for the overseas market. It features high reliability and reliable performance. It is mainly applicable to the excavation, backfilling, pushing and transporting of earth and rocks on the ground of highways, railroads, airports, etc. It is an indispensable construction machine for national defense projects, urban construction and water conservancy construction. 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 Comfort and Simple Operation:

1. 7" touch LCD colour monitor, Chinese display HMI, the main page of the monitor real-time displays the engine parameters, travelling status, gear information, fault alarms and other machine parameters;
2. The main and secondary pages can be switched conveniently, and the status of the controller, engine ECU, and troubleshooting can be queried on the secondary page;
3. Check the number of working hours, average fuel consumption, maintenance, fault status and other information;
4. Two-handle manoeuvring: The work unit manoeuvring is pilot operated, with two handles arranged to control the push shovel and the looseners respectively (optional); Travelling system single handle electric control manipulation, forward and reverse warping switch control, dial wheel shift, with the left hand manipulation;
5. The electric brake pedal utilizes brake redundant technology, being light and flexible and highly reliable.

2 Superior power performance:

1. Equipped with Cummins NT855-C280 engine, strong power, high efficiency and energy saving, easy to maintain;
2. Improved construction efficiency, reduced fuel consumption, saving the operating cost for users.

3 Efficient transmission system:

1. Torque converter with sensors: Effective monitoring of speed and torque in real time;
2. Electronically controlled variable speed shift box: Powershift transmission with quick and simple shifting, easy to manoeuvre, easy to adjust speeds, and gear settings of three-input three-output;
3. Hydraulic steering clutch: Wet type, multi-disc spring compression, hydraulic disengagement, fast combination without stalling;
4. Hydraulic steering brake: Wet type, floating belt & hydraulically controlled;
5. Central and final drives: spiral bevel gears, secondary spur gear reduction, splash lubrication.

4 Comfortable driving environment:

1. Spacious cab, large space and wide view, standard anti-roll cab with high safety; new fully sealed cab, equipped with cold and warm A/C, which makes driving comfortable;
2. Two-handle makes operation easy, comfortable and precise, no fatigue even after long hours of operation;
3. Equipped with armrest box touch display, it can provide the working status of the machine in real time, which is a good assistant for the mechanic and provides a comfortable driving experience;
4. Suspension seat: A single centre-mounted seat with integral foam, adjustable seat height, fore and aft and backrest angle, and seat belts for comfortable manoeuvring.

5 Reliable working ability:

1. Stable and reliable chassis system, adapting to various harsh working conditions;
2. Extra-long crawler ground length and optimized crawler traction ability, strong walking and driving ability, good traffic performance;
3. A variety of blades, three-teeth ripper and traction frame are available. High-strength, high-wear-resistant blade ensures reliable construction.

6 Convenient maintenance performance:

The machine mechanism adopts mature design and process concepts of XCMG to ensure product quality; All filters are easy to replace and easy to maintain; The hood side door opens wide for easy and comfortable access; the number of mechanical connecting rods has been reduced, reducing the number of lubrication points, and all lubrication points are easily accessible for easier maintenance.



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

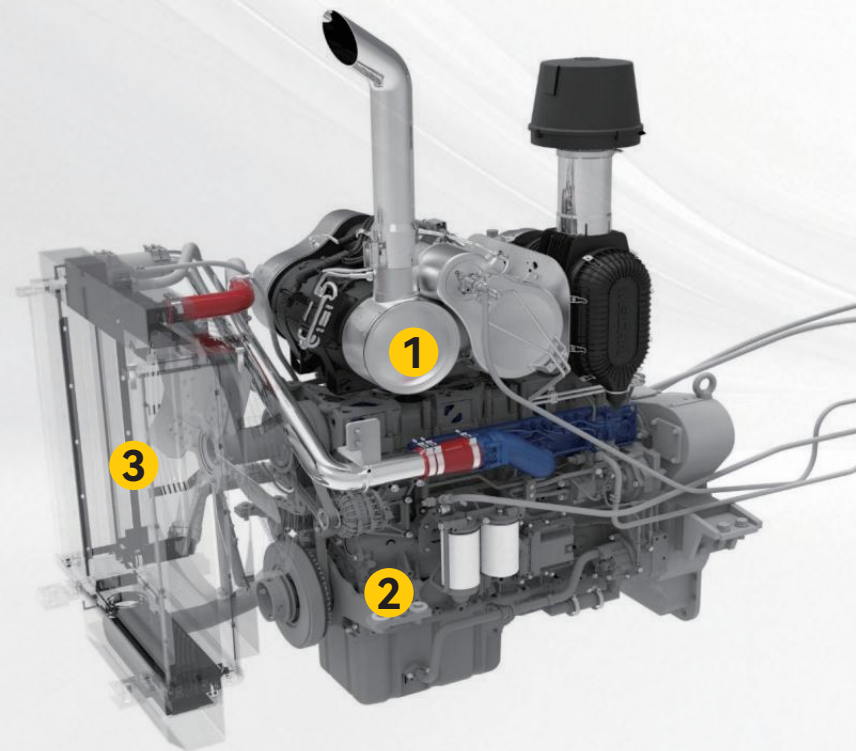
- Large power reserve and automatic load control technology ensure efficient operational performance under different working conditions.

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.

2 Electronically controlled transmission

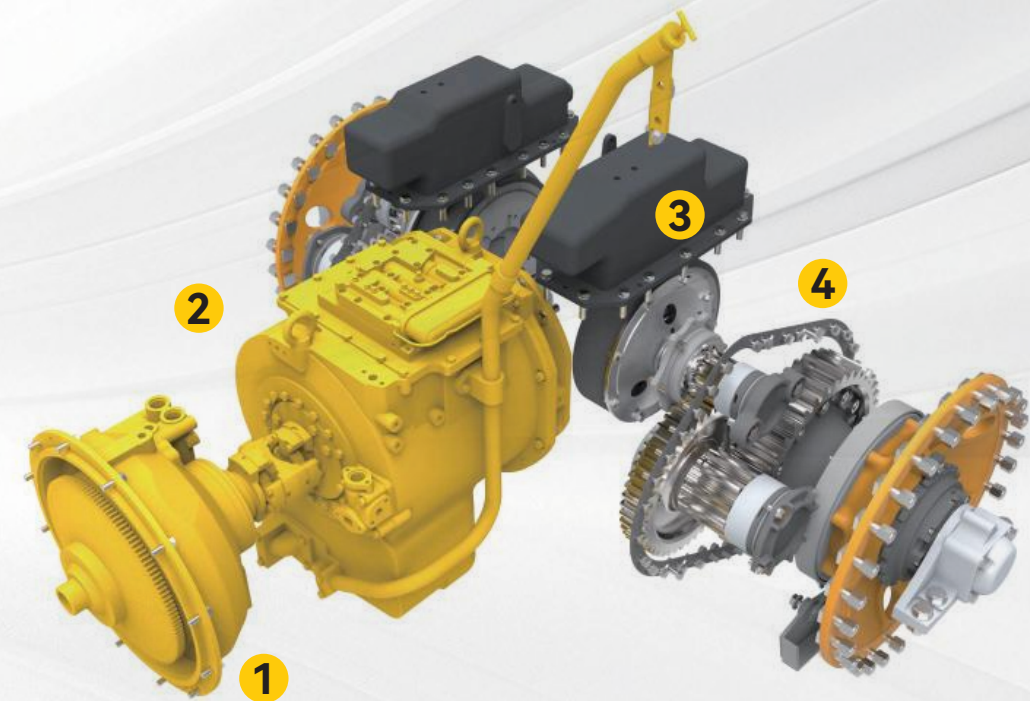
- Simple structure, high reliability and high efficiency.

3 Brake

- Electrically controlled, wet, floating, belt brake.

4 Steering clutch

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



Reliable and durable chassis system

1 Four wheels and one track

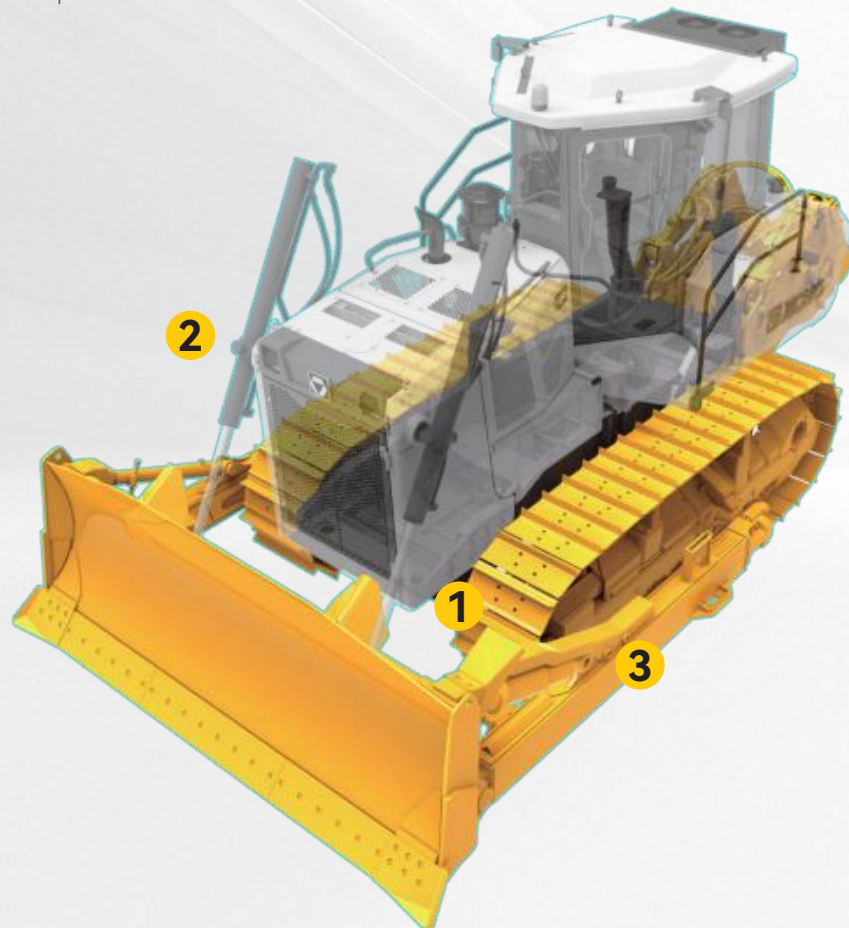
- XCMG's self-produced stable and reliable chassis system, as well as a proven transmission system, are fearless of extreme harsh working conditions.

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

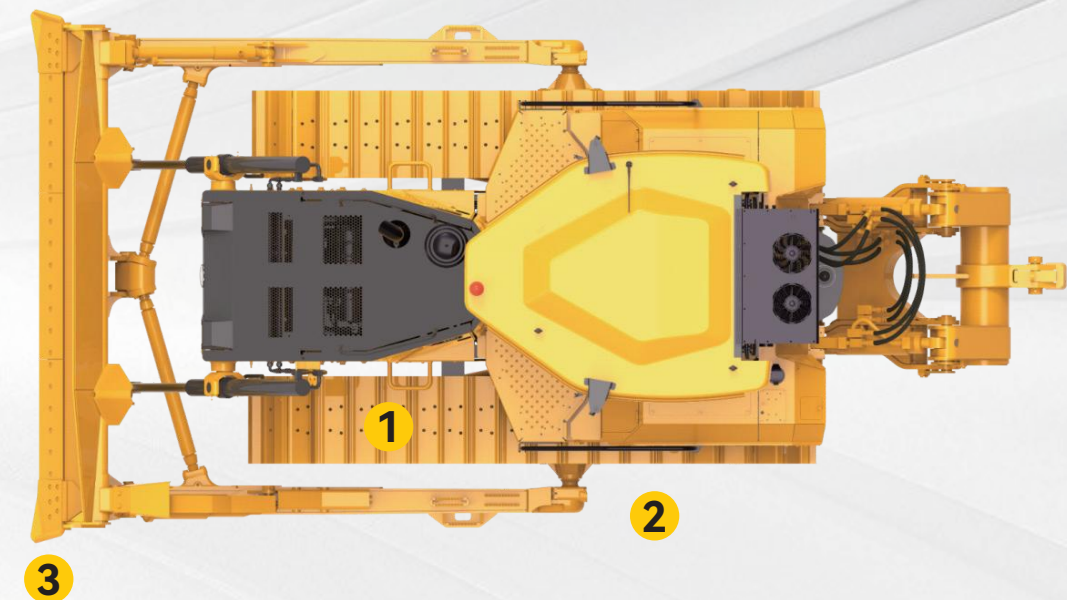
- Super long track grounding length and optimized track gripping ability, strong walking driving ability, and good passing performance.

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

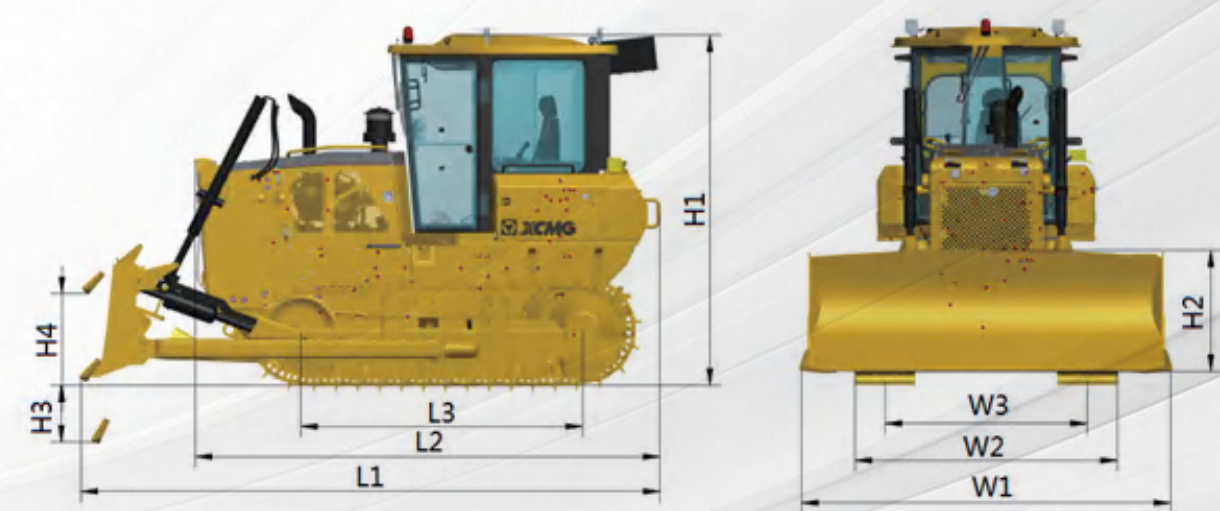
- Multiple blade configurations, optimized curved plate shape, increased soil cutting and material transportation by 9%, using high-strength plates and durable and wear-resistant NM400 materials.



Technical parameter table

Machine Performance		D260(standard) (D260T)	D260 LGP(Wetland) (D260TS)
Machine Performance			
Weight(Working device)	Kg	23300	25400
Minimum turning radius	mm	4500	5100
Ground pressure	Kpa	66	35.2
Overall Dimensions	mm	5590×3725×3527	6060×4365×3745
Engine			
Model	/	NT855-C280	NT855-C280
Rated power/Rated speed	(kW/rpm)	187/1850	187/1850
Driving performance			
Forward gear 1	km/h	3.8	3.8
Forward gear 2	km/h	6.8	6.8
Forward gear 3	km/h	11.3	11.3
Reverse gear 1	km/h	4.9	4.9
Reverse gear 2	km/h	8.2	8.2
Reverse gear 3	km/h	13.6	13.6
Ground clearance	mm	405	405
Chassis system			
Track gauge	mm	2000	2250
Crawler width	mm	560	910
Ground contact length of crawler	mm	2840	3480
Number of track shoes	mm	39	45
Chain pitch	mm	216	216
Number of track rollers(one side)	pcs	2	2
Number of carrier rollers(one side)	pcs	7	8
Tank capacities			
Fuel tank	L	450	450
Hydraulic oil tank	L	110	110
Working device			
Blade type	/	Straight dip	Straight dip
Blade width	mm	3725	4365
Blade height	mm	1395	1248
Blade capacity	m³	5.8	5.4
Blade lifting height above the ground	mm	1210	1330
Working depth	mm	540	550
Ripper type	/	single-tooth/three-tooth(option)	/
Working depth	mm	695/666	/
Ripper lifting height above the ground	mm	515/555	/

Appearance And Dimensions



Model	L1	L2	L3	H1	H2	H3	H4	W1	W2	W3
D260	5590	4710	2840	3527	1395	540	1210	3725	2560	2000

Model	L1	L2	L3	H1	H2	H3	H4	W1	W2	W3
D260-LGP	6060	4710	3480	3745	1248	550	1330	4365	2960	2250