

SOLID TO SUCCEED



Dozer

D360



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We will perform continuous improvement of relevant contents without notice.



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D360 is XCMG's new-generation hydraulic automatic transmission bulldozer, integrating advanced technologies including electronic gear shifting, electronic steering and braking control, hydraulic pilot control for the blade, and construction data management. It can be widely used for pushing, excavating, and backfilling earth and stone, as well as handling other bulk materials on roads, railways, coal-fired power projects, desert control, tailings treatment, airports, and other ground works. It delivers high operating efficiency, easy and flexible control, and excellent reliability, making it a highly capable machine for earth moving applications.

The power system is efficient and energy-saving, equipped with a Cummins QSNT-C345S31 stage III A engine diesel featuring a high torque reserve with large fuel tank of 730 lit.

The independent cooling system with a reversible fan provides self-cleaning capability and supports operation in ambient temperatures -30°C to +55 °C.

A swirl-tube desert pre-filter significantly extends engine service life.

The machine offers three forward and three reverse speeds with a planetary, electronically controlled powershift transmission.

It uses constant-mesh, wet-type steering clutches and floating wet brakes, operated electronically for simple, reliable, and labor-saving control.

The newly designed fully enclosed cab with FOPS and ROPS protection, combined with an advanced control system, provides enhanced comfort, intelligent and ergonomic operation.



Main Performance And Characteristics

1 Power System

- Independent cooling realizes the self-cleaning function of the system;
The power system is highly efficient and energy-saving, large torque reserve coefficient.

2 Torque Converter

- XCMG single-stage, single-phase, three-element torque converter, reliable quality.

3 Transmission

- XCMG forward-three / reverse-three planetary transmission, electronically controlled shifting, reliable quality

4 Central drive

- Level 1 deceleration, splash lubrication

5 Final drive

- Secondary straight gear drive, splash lubrication

6 Four wheels and one belt

- XCMG track undercarriage, quality controlled

7 Cab

- Premium luxury interior; extra-large pressurized cab integrating ROPS &FOPS functions. The one-piece cab and console structure delivers improved sealing and noise insulation performance.
- 360° Air Duct, Heating and Cooling Air Conditioning
- Bluetooth radio, USB interface, storage box, tea cup holder, mobile phone holder, sunshade rear camera 、 wiper as standard.

8 working device

- Blade is easy changeable, it is equipped with strong cylinders for lifting and tilting. The blade is made by high resistance and for heavy application. lights on lifting cylinders.

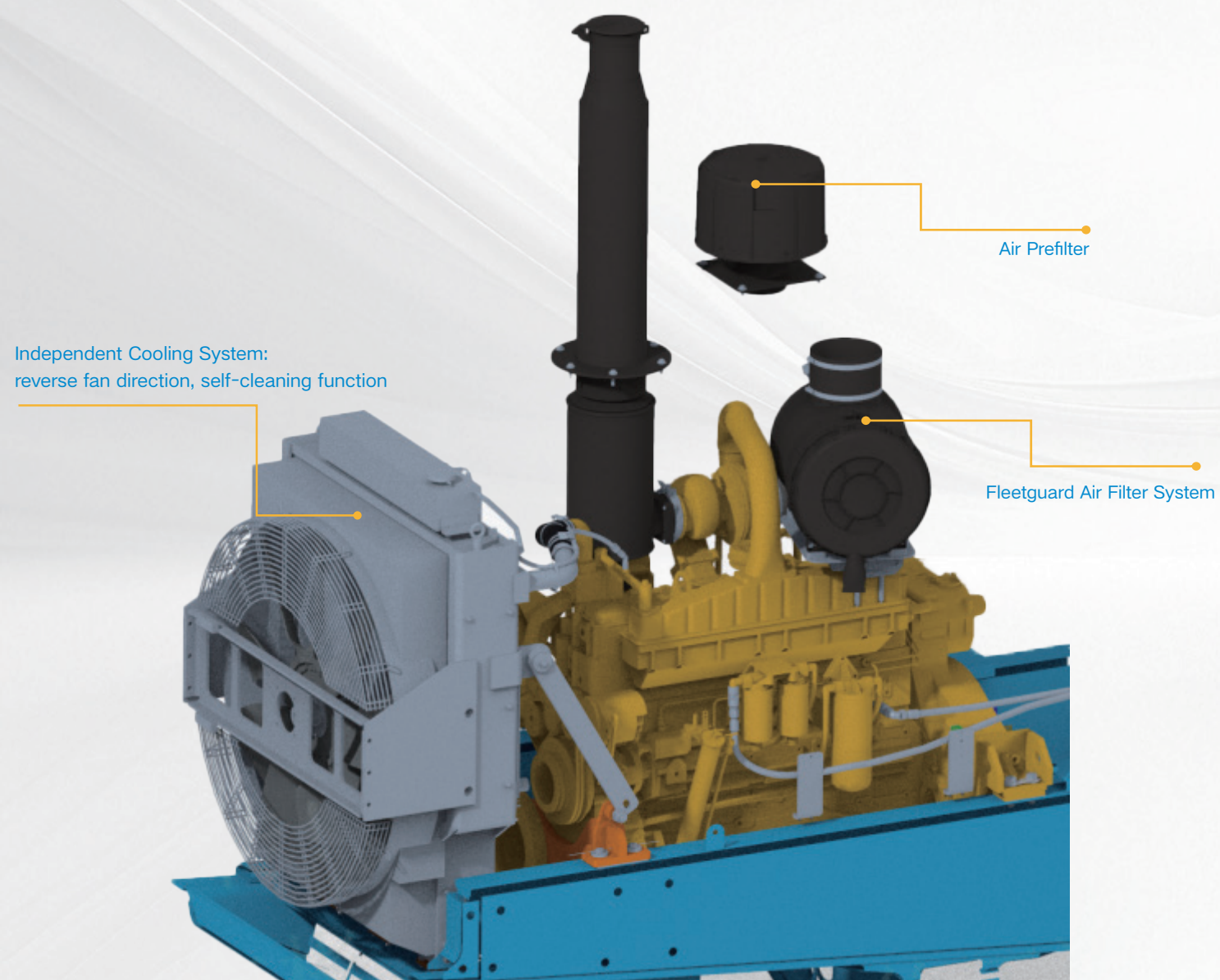
9 hydraulic system

- The working hydraulic system adopts an open hydraulic system, which consists of a dual gear pump, a multi-way directional valve, a blade cylinder, and an optional ripper cylinder. In addition, this hydraulic system is also equipped with a blade floating function, allowing the blade to float up and down under operating conditions. When the bulldozer is used for site leveling operations with loose soil and small ground undulations, the blade can be brought into contact with the ground. The travel hydraulic system adopts a dual gear pump, an electric control variable speed valve, and an electro-hydraulic control steering and braking valve.



Power System

- XCMG D360 features independent cooling, adjustable fan speed, reverse fan airflow, and a self-cleaning function. The fan is front-mounted, directing cooling air forward. This design reduces the air velocity entering the radiator and prevents accelerated wear, ensuring the radiator is not affected by sand intrusion or abrasive operating environments. The air intake system uses both a pre-filter and a desert air filter, providing extended maintenance intervals and enhanced engine protection. engine with 24V electric starting, turbocharging, direct injection and water cooling, radiator provide reliable power for heavy work.



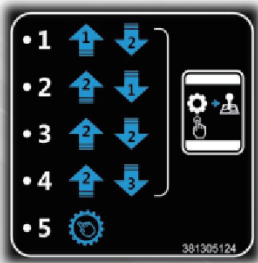
Air Intake System – Desert Air Pre-filter

- Features of the cyclone tube-type desert air pre-filter:
 1. Dust removal efficiency up to 98.4%-99%;
 2. Extends the service life of the filter cartridge by 4-5 times, delays the cleaning interval of the filter cartridge; Prolongs engine life and reduces the number of engine repairs.



Transmission System

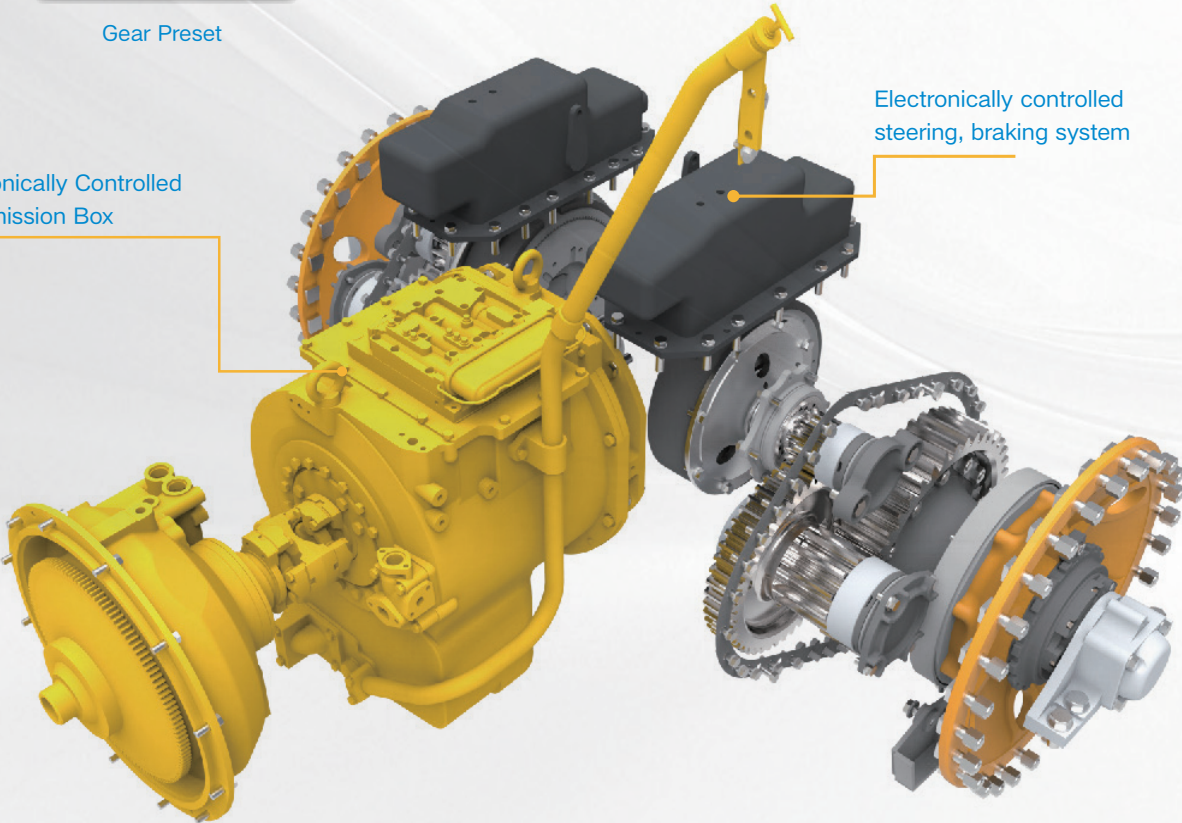
- XCMG D360 adopts electronically controlled gearbox, electronically controlled steering brake system, gear shift and steering control, integrated into a single electronically controlled lever, and thumb-dial gear shift; The gear position can be preset, saving shifting time, simple and flexible operation, light and comfortable.braking type is wet band brake.hydraulic parking brake.



Gear Preset

Electronically Controlled Transmission Box

Electronically controlled steering, braking system



Driving Environment

- XCMG D360 is equipped with integrated ROPS/FOPS full-sealed cab with large driving space, open access, suspended adjustable seat(optional air suspension seat), electronically controlled adjustable armrest box, and two-joystick control, which provides users with humanized driving experience.
- 360° Air Distribution High-Power Air Conditioning System Delivers a consistently comfortable operating environment, whether in frigid cold or scorching heat.Meets defrosting and defogging requirements for doors and windows in cold weather.
- Radio, USB port, storage box, cup holder, phone holder, sunshade configuration, travel alarm noise with rotary warning light provide necessary case, friendly and safety operation.



full visibility.



Working Attachment Pilot Lever



Electronic Controlled Propel Lever

Machine monitoring system

- XCMG D360 machine monitoring system can be conveniently viewed equipment-related information, system operation status parameters, vehicle condition information, fault query, maintenance reminder and so on , main monitoring system with following parametres and warnings with light and noise alarms for critical levels of fluids and temperature overloads.
- Additional option GPS monitoring system include following of working hours, location, fuel consumption, errors, service intervals etc..



Main display main interface



Main display page up/down interface

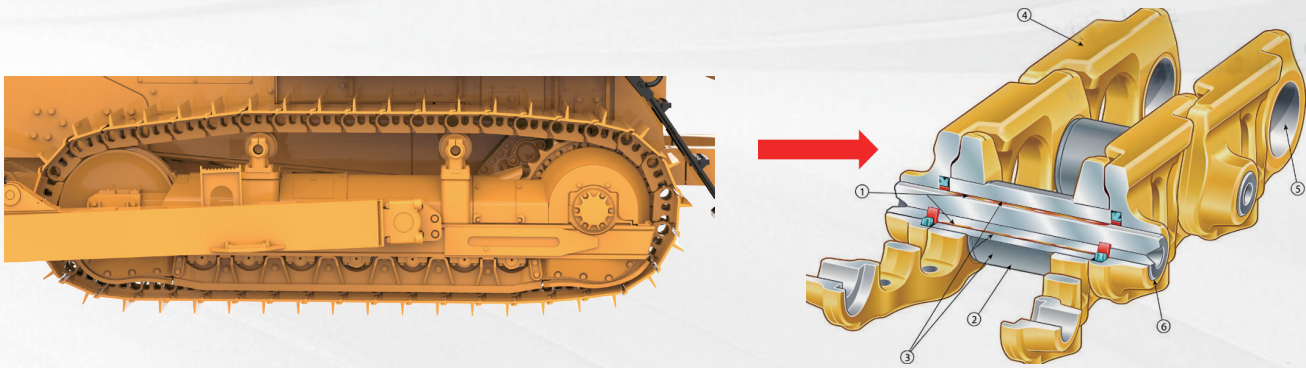
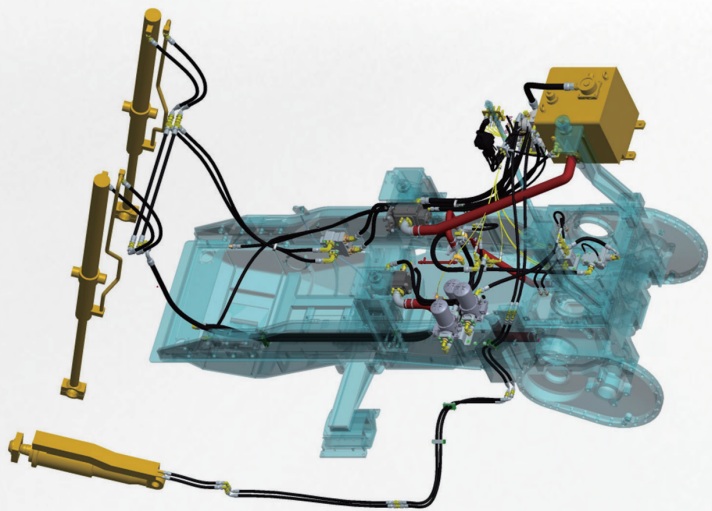
Wide selection of blade options and stable, reliable undercarriage.

- Multiple blade options adapt to various working conditions.
- Blade is easy changeable, it is equipped with strong cylinders for lifting and tilting. The blade is made by high resistance and for heavy application. lights on lifting cylinders with power more than 2000 Lumen. blade is also equipped with push and traction rods.
- The track shoe is thickened by 2mm to ensure the service life of the track,tracks and undercarriage is made for heavy application. single grouser type.
- Three track widths for different working conditions.

Track — optional heavy-duty extended sealedand-lubricated track chains

- The advantages of sealed-and-lubricated tracks are mainly shown in the following aspects:
- Track link — excellent sealing performance prevents dust, mud, sand, and other contaminants from entering the track chain.
- 660mm-wide track plates with a high coefficient of friction enhance the track’s traction on the road surface and improve the vehicle’s climbing ability.
- Good dynamic balance performance, which can reduce the vibration and noise of the crawler during movement and reduce damage to the machine

Hydraulic System

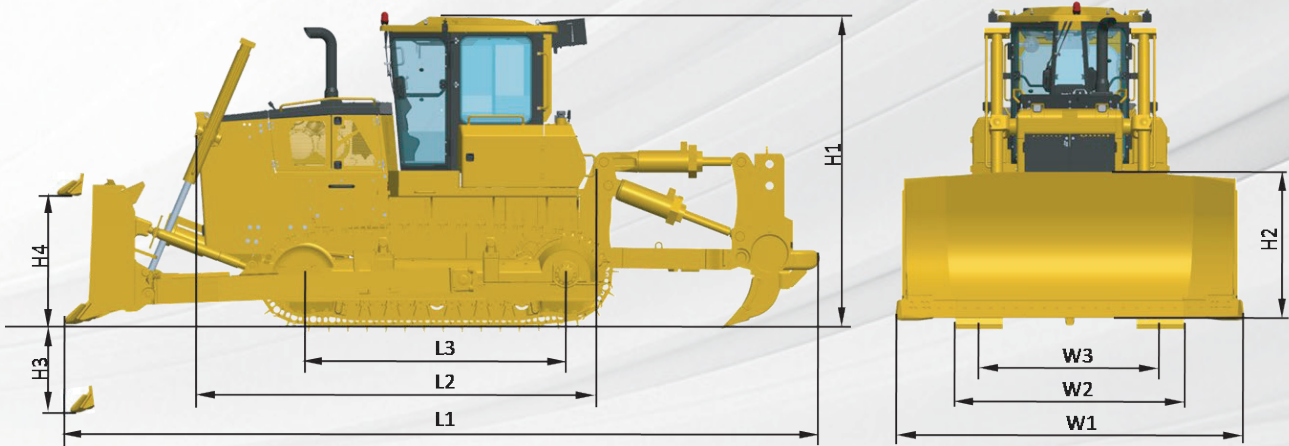


Lubrication oil chain

Main Technical Parameters

Item	Content	Unit	D360
Engine	Manufacturer	-	Cummins
	Model	-	QSNT-C345S31
	Rated Power/Speed Net-Power(ISO 9249)	(kW/rpm)	257/2000 239
Overall Performance Parameters	Operating Weight	kg	35500(including SU blade/660mm/without rear ripper)
	Ground Pressure	kPa	95
	Overall Dimensions	mm	9090×4130×3700
	Forward Speed	km/h	3.6/6.6/11.5
	Reverse Speed	km/h	4.4/7.8/13.5
	Ground Clearance	mm	500
Chassis Performance Parameters	Track Gauge	mm	2140
	Width of Track Shoes	mm	560(standard) 610/660(optional)
	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(one side)	pcs	7
Working Attachment	Blade Type	-	Straight Blade (standard) SU Blade/Coal blade(optional)
	Blade Width	mm	4130
	Blade Height	mm	1590
	Blade Capacity	m³	7.2/9
	Blade Lifting Height	mm	1450
	Blade Digging Depth	mm	560
	Ripper Type	-	1 shank/3-shank(optional)
	Ripper Digging Depth	mm	1250/840
	Ripper Lifting Height	mm	960/890

Appearance and Dimensions



Size (mm)	L1	L2	L3	H1	H2	H3	H4	W1	W2	W3
D360	8700/9090	4815	3150	3700	1590	560	1350	4080	2170	2140

Optimum services , XCMG Guaranteed



Cummins engine



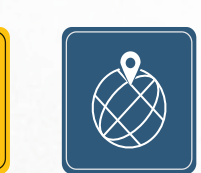
Genuine parts



Extension of warranty



Financial solutions



Maintenance contract



Telematics



Monitoring systems

Professional Integrated Complete Solutions

XCMG group has built a strong reputation based on the quality, reliability and durability of its construction machinery.What's more, XCMG has gradually established a service network to constantly provide its local integrated and highly efficient complete solutions for all users.

Full range of services ready for you

In order to respond to your needs as fast as possible, XCMG experts are on their way to your job site from one of our facilities near you. Full range of servivices are available in order to reduce your total cost of ownership and increase your revenue.

XCMG Global Spareparts System

XP305S Pneumatic Tyre Roller

XP305SPNEUMATIC-TYRED ROLLER

XP305SPNEUMATIC-TYRED ROLLER

BACK DRUM

FRONT DRUM

GAS-ROUTE SYSTEM

TRANSMISSION SYSTEM

BODY ASSEMBLY

HYDRAULIC SYSTEM

OPERATING SYSTEM

ENGINE SYSTEM

SPRINKLER SYSTEM

DRIVER'S CAB ASSY

CAB ASSEMBLY

CONTROL BOX

CONTROL BOX ELECTRIC

ELECTRIC SYSTEM

SCRAPER SYSTEM

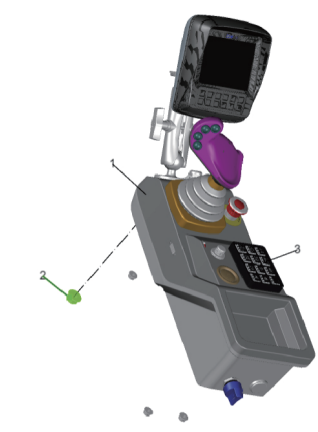
SHIELD FOR DIESEL ENGINE

OIL DRAIN SYSTEM

AC SYSTEM

MOUNTING ASSEMBLY

OIL SPILL SYSTEM



225704540 CONTROL BOX

Release Date : 2020-03-15

Updated Date : 2020-03-15

Number	Material Encoding	Name	Quantity	Handle
1	225704532	CONTROL BOX STRUCTURE	1	W V
2	895238400	NUT M8	4	W V
3	225704541	CONTROL BOX ELECTRIC	1	W V

HOME PAGE

PRODUCT DEBUGING

PRODUCT MONITOR

SERVICE SUPPORT

STATISTICAL

RESOURCE MANAGE

AUTHORITY MANAGE

SYSTEM MANAGE

APP MANAGE

APP USER MANAGE

EQP LINK APPROVAL

EQP TRANSFER APPROVAL

REPAIR ORDER

X-655 Global Management Platform

25438 Number of network equipment

233 Amount of work yesterday

390 Amount of work now

2907.3 Working hours yesterday

0 Access network today

0 Number of equipment fault alarms now

Overall OIL EQP OIL

Operating rate

Monthly Distribution of operating rate

Monthly average working hours of main models

Monthly workload of main models

Map of China with equipment locations

XP305S Pneumatic Tyre Roller

XP305SPNEUMATIC-TYRED ROLLER

XP305SPNEUMATIC-TYRED ROLLER

BACK DRUM

FRONT DRUM

GAS-ROUTE SYSTEM

TRANSMISSION SYSTEM

BODY ASSEMBLY

HYDRAULIC SYSTEM

OPERATING SYSTEM

ENGINE SYSTEM

SPRINKLER SYSTEM

DRIVER'S CAB ASSY

CAB ASSEMBLY

CONTROL BOX

ELECTRIC SYSTEM

SCRAPER SYSTEM

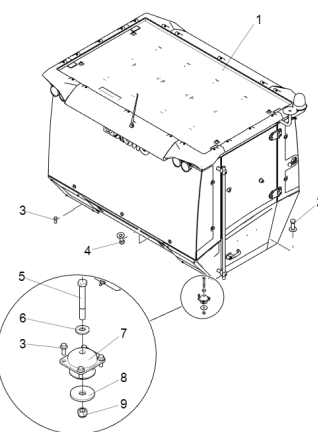
SHIELD FOR DIESEL ENGINE

OIL DRAIN SYSTEM

AC SYSTEM

MOUNTING ASSEMBLY

OIL SPILL SYSTEM



225704748 DRIVER'S CAB ASSY

Release Date : 2020-03-14

Updated Date : 2020-03-14

Number	Material Encoding	Name	Quantity	Handle
1	225704791	CAB ASSEMBLY	1	W V
2	895096280	BOLT M16*45	9	W V
3	895094763	BOLT M10*25	16	W V
4	895048571	BOLT M16*30	2	W V
5	895046668	BOLT M16*120	4	W V
6	895301377	WASHER 16	15	W V
7	228901569	SHOCK CABBORBER	4	W V
8	229000495	BIG FLAT PLATE	4	W V
9	895238158	NUT M16	4	W V