

KOMATSU®

D375A-8

U.S. EPA Tier 4 Final Engine

CRAWLER DOZER

D375



CG images may include optional equipment.

HORSEPOWER

Gross:
Forward 474 kW 636 HP/1800 min⁻¹
Reverse 578 kW 775 HP/1800 min⁻¹
Net:
Forward 455 kW 609 HP/1800 min⁻¹
Reverse 558 kW 748 HP/1800 min⁻¹

OPERATING WEIGHT

72900 kg

BLADE CAPACITY (ISO 9246)

Semi-U Dozer: 18.5 m³
U Dozer: 22.0 m³

WALK-AROUND

D375A-8



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Semi-U Dozer: 18.5 m³
U Dozer: 22.0 m³



OUTSTANDING PRODUCTIVITY & ENHANCED FRAME DURABILITY contributes to reduction of the operation cost.
ENHANCED RIDE PERFORMANCE & WIDE AND EXCELLENT VISIBILITY provides comfortable and efficient work for operator.



Ecology & Economy Features

- Komatsu's New U.S. EPA Tier 4 Final emission regulation-compliant engine **NEW**
- Auto idle stop function **NEW**

Performance Features

- 20% more power in reverse increases productivity. **NEW**
- Automatic transmission with lockup torque converter
- Selectable working modes • Automatic/manual gearshift selectable modes

Comfortable & Working Environmental Features

- Comfortable ride with equalizer bar shoulder pad **NEW**
- Comfortable ride with new cab damper mounts **NEW**
- Comfortable ride with new operator seat **NEW**
- Excellent visibility for blade/ripper work **NEW**
- Renewed steering and work equipment lever with optimized layout **NEW**
- Rear view monitor system
- Electronic height adjuster for steering console (Optional) **NEW**

Safety Features

- Rear platform & guard rails **UPGRADE** • Heavy duty steps and large hand rails **UPGRADE**
- Secondary engine shutdown switch **NEW** • Seat belt caution indicator **NEW**
- Power ladder (Optional) **NEW** • Battery and starter isolator (Optional)
- Emergency engine stop switches (Optional)

Reliability & Maintenance Features

- Robust main frame and track frame **NEW** • Modular long life powertrain design
- Mesabi radiator* **NEW** • Hinged type front mask and cooling fan support **NEW**
- One side greasing points for work equipment

* Mesabi radiator is a trademark of L&M Radiator, Inc.

Information & Communication Technology (ICT)

- Machine monitor with high resolution 7-inch color Liquid Crystal Display (LCD) unit **NEW**
- Energy Saving Operation **NEW**

KOMATSU CARE & KOMTRAX PLUS

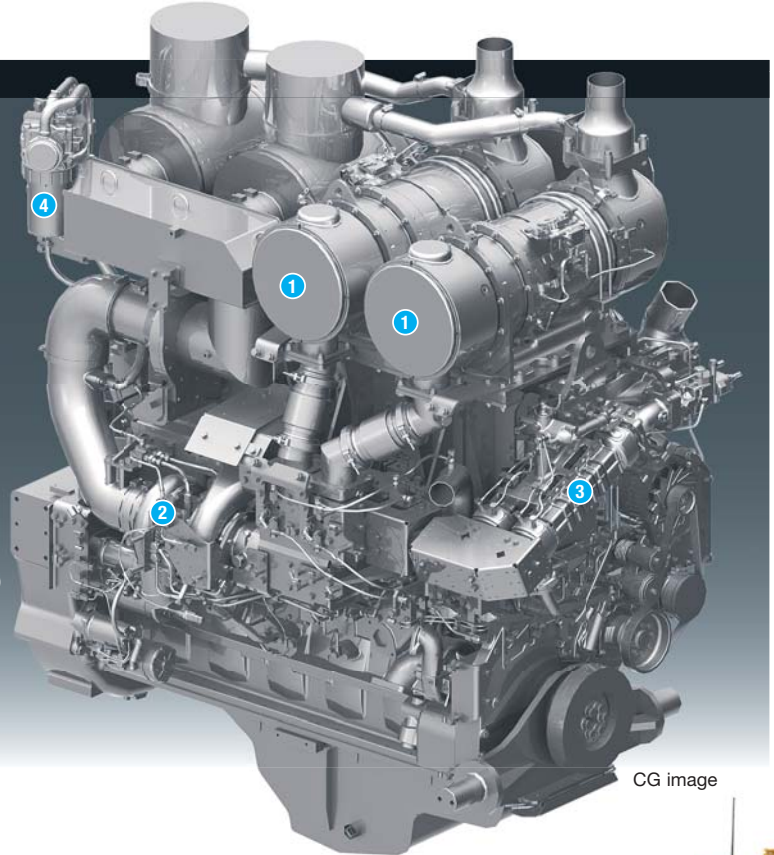
ECOLOGY & ECONOMY FEATURES

NEW ENGINE TECHNOLOGIES

Komatsu's New Emission Regulation-compliant Engine

Komatsu provides a powerful and economical U.S. EPA Tier 4 Final compliant engine with latest emission control technologies and fuel saving features.

- ① Komatsu Diesel Particulate Filter (KDPF)
- ② Variable Geometry Turbocharger (VGT)
- ③ Exhaust Gas Recirculation (EGR) cooler
- ④ Komatsu Closed Crankcase Ventilation (KCCV)

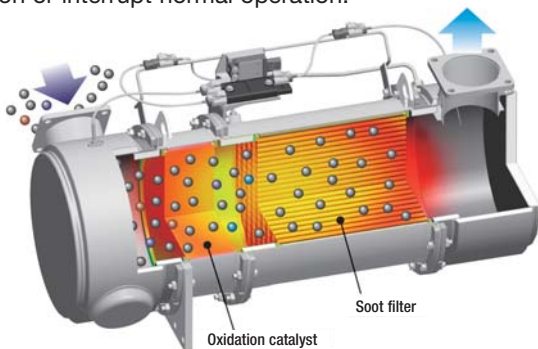


CG image

Technologies Applied to New Engine

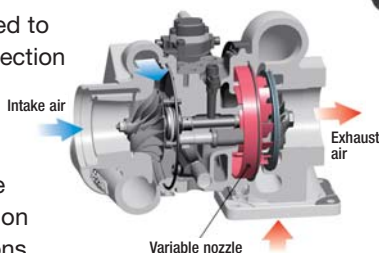
Heavy-duty aftertreatment system

KDPF captures more than 90% of Particulate Matter (PM). Special oxidation catalyst and extra fuel injection in the exhaust stream can decompose accumulated soot in the KDPF filter by either active or passive regeneration. This system does not require any additional operator's action or interrupt normal operation.



VGT system

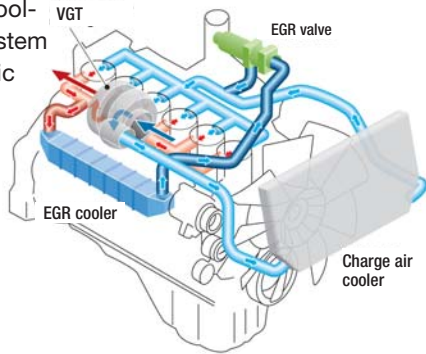
The system is designed to achieve an optimal injection of high-pressure fuel by means of computerized control, thereby bringing close to complete combustion to reduce PM emissions.



D375A-8

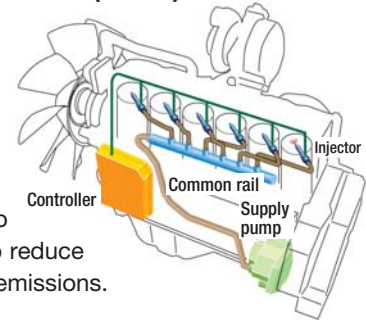
Heavy-duty cooled Exhaust Gas Recirculation (EGR) system

The system recirculates a portion of exhaust gas into the air intake and lowers combustion temperatures, thereby reducing NOx emissions. While EGR gas flow is increased, by incorporating a high-efficiency and compactly designed cooling system, the system achieves a dynamic reduction of NOx, while helping to reduce fuel consumption.



High Pressure Common Rail (HPCR) fuel injection system

The system is designed to achieve an optimal injection of high-pressure fuel by means of computerized control, thereby bringing close to complete combustion to reduce Particulate Matter (PM) emissions.

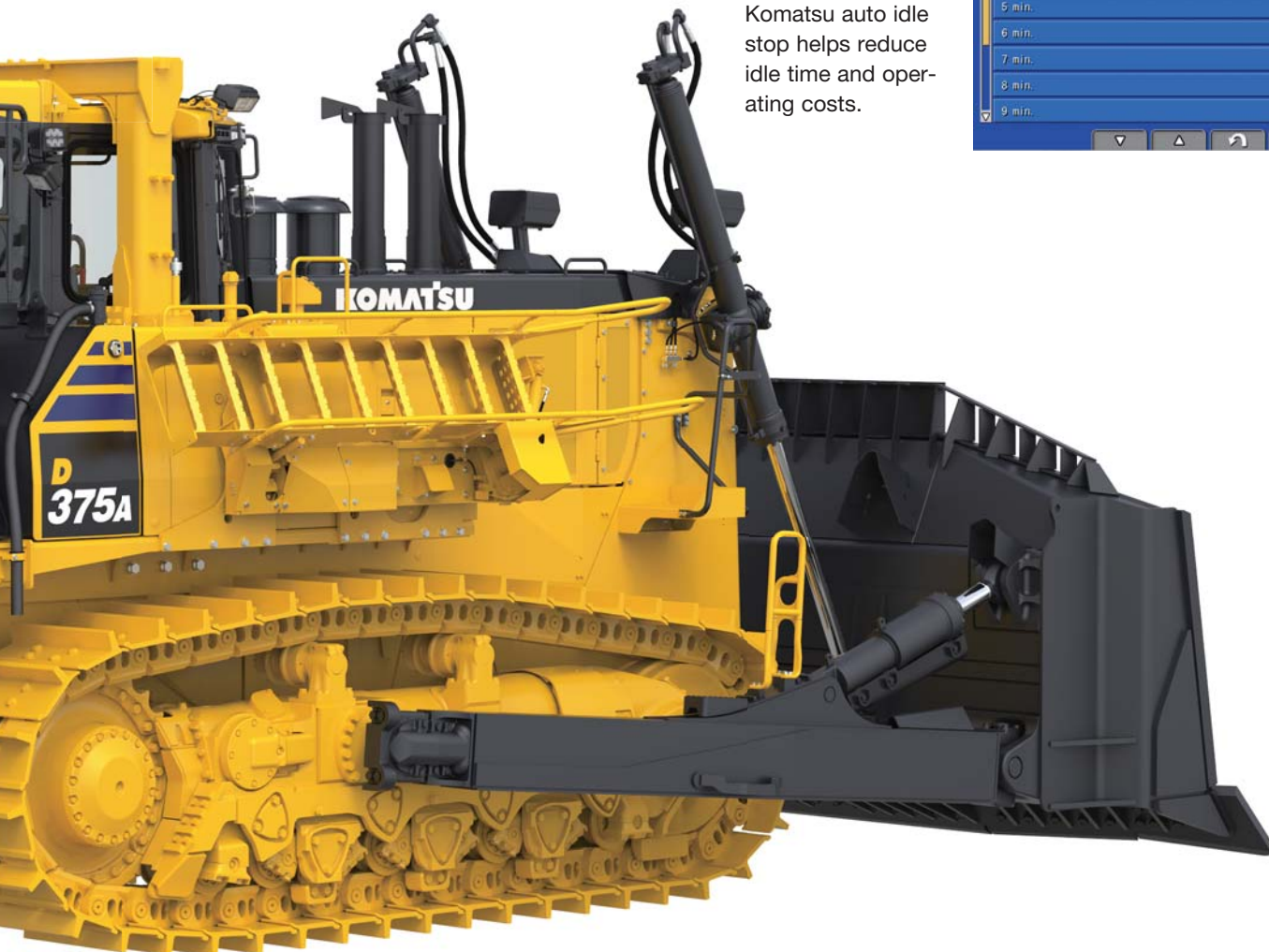
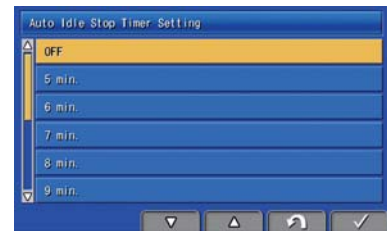


Hydraulic Drive Radiator Cooling Fan

The engine cooling fan rotation speed is electronically controlled. The fan rotation speed depends on engine coolant, powertrain oil and hydraulic oil temperatures, the higher the temperature the higher the fan speed. This system increases fuel efficiency, reduces the operating noise levels and requires less horsepower than belt driven fan.

Komatsu Auto Idle Stop

Komatsu auto idle stop helps reduce idle time and operating costs.



PERFORMANCE FEATURES

20% More Power in Reverse

Increased engine output by 1.2 times when in reverse provides faster reverse climbing speed in downhill dozing. It leads to reduction of cycle time and increases the production drastically.

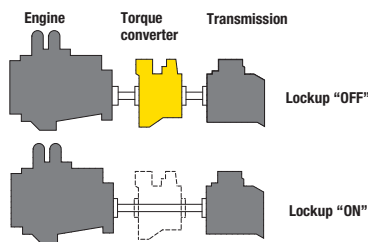
In downhill dozing (13°)

Production increased by **18%**

Compared with D375A-6

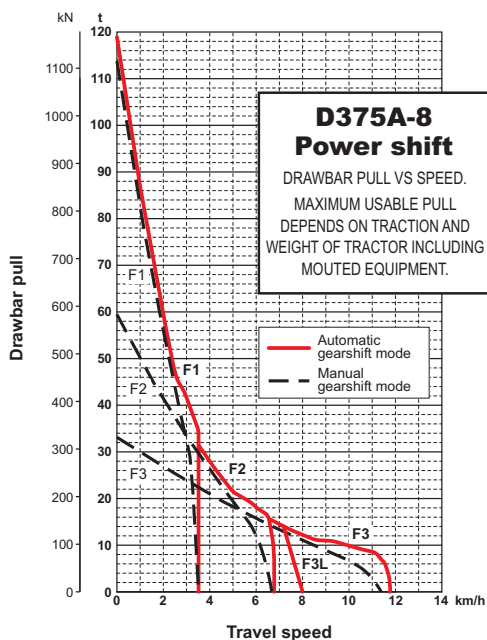
Automatic Transmission with Lockup Torque Converter

A sharp reduction in fuel consumption and greater power train efficiency is achieved by the automatic gearshift transmission and lock up torque converter. The automatic gearshift transmission selects the optimal gear range depending on the working conditions and load placed on the machine. This means the machine is always operating at maximum efficiency. (Manual gearshift mode is selectable with a switch)



Fuel consumption reduced by **10%**

Compared with manual gearshift mode



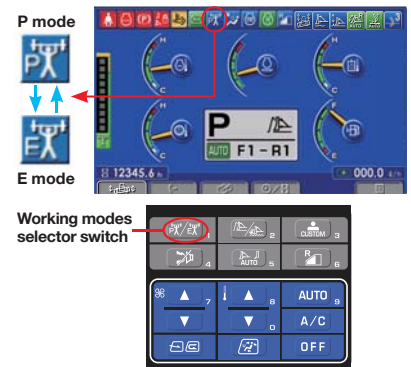
Lockup mechanism of torque converter is automatically actuated to transfer engine power directly to the transmission in usual dozing speed range. Locking up the torque converter eliminates loss of horsepower by 10%. Because the electronically controlled engine is extremely efficient, a decrease in fuel consumption is realized while also maintaining machine power.

Selectable Working Modes

This mode can be set to either "P mode" for the maximum power or "E mode" for energy saving operation. Combined with the automatic gearshift mode or manual gearshift mode, the working mode allows the operator to select the optimum machine operating condition for the work at hand. (The mode can be switched during operation.)

P mode (Power mode): With P mode, the engine outputs its full power. Select this mode for the work requiring large production, heavy-load work, and uphill work.

E mode (Economy mode): Select for energy saving operation with restricted engine power output. Select for the work on a ground where the machine may cause shoe slip and frequent decelerator pedal operation is required. Select for the work not requiring large power such as downhill dozing, levering, and light-load work.

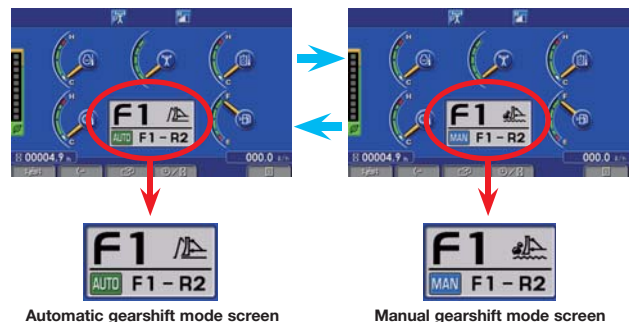


Automatic/manual Gearshift Selectable Modes

Automatic or manual gearshift modes can be selected with ease to suit the work at hand by simply pressing the switch on the multi-monitor (Selection at neutral).

Automatic gearshift mode: The mode for general dozing. When a load is applied, the gear automatically shifts down, and when the load is off, it automatically shifts up to a set maximum gear speed. This mode economizes both fuel and production where the torque converter lockup mechanism is actuated according to load, automatically selecting the optimum gear speed.

Manual gearshift mode: The mode for dozing and ripping rough ground. When loaded, the gear automatically shifts down, but does not shift up when the load is off. The operator can specify whether the auto shift down function is enabled or disabled by operating the monitor.



Preset Travel Speed Selection Function

Preset travel speed enables the operator to select fore and aft travel speed among four preset patterns. When the gearshift pattern is set to either <F1-R1>, <F1-R2>, <F2-R2>, or <F2-R3L>, in automatic gearshift mode, the gear is automatically shifted. This function reduces gear shifting time during repeated round-trip operations.



Automatic gearshift mode	Manual gearshift mode	Shoe slip control mode (Optional)
F1-R1 MODE Press DOWN switch ↑ Press UP switch ↓	F1-R1 MODE Press DOWN switch ↑ Press UP switch ↓	F1-R1 MODE Press DOWN switch ↑ Press UP switch ↓
F1-R2 MODE Press DOWN switch ↑ Press UP switch ↓	F1-R2 MODE Press DOWN switch ↑ Press UP switch ↓	F1-R2 MODE Press DOWN switch ↑ Press UP switch ↓
F2-R2 MODE Press DOWN switch ↑ Press UP switch ↓	F2-R2 MODE	
F2-R3L MODE		

Auto Downshift Function

When load is applied, the transmission automatically downshifts to the optimum gear speed to provide high fuel efficiency. This function provides comfortable operation in dozing without manual downshifting.

Reverse Slow Mode

With the reverse slow mode, the engine speed is limited to reduce reverse travel speed in order to improve ride quality such as rough terrain operation.

Electronic Smooth Steering Clutch/Brake Control

Sensors monitor machine operating conditions such as incline angle of slope and degree of load, controller selects the optimal modulation parameter automatically. The timing of engagement for clutch and brake is optimized to provide more smooth steering control.

Track Shoe Slip Control Mode (Optional)

Optional track shoe slip control mode allows the operator not to constantly control engine power output with the decelerator pedal while ripping operation, substantially reducing operator fatigue. Maneuverability is improved because the operator is free to focus on monitoring to track shoe slippage. Repair costs are significantly lowered and undercarriage life is extended with the reduction in track shoe slippage. Additionally, this mode will contribute to lower fuel costs because the engine output is automatically controlled to optimum level for operation.



High Efficiency Blade and End Bit Design

A new blade profile features high load hauling efficiency to maximize productivity. The blade section profile has been changed to larger radius and more slanted section to minimize the digging resistance. This increases the amount of hold soil which blade is capable of carrying. Improved end bits provide better penetration and extended wear life.



High Penetration Force by Variable Giant Ripper

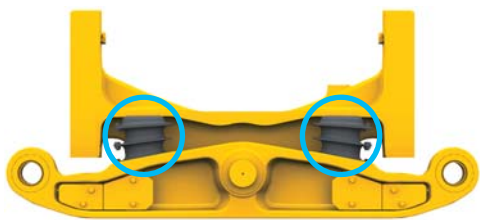
The variable giant ripper is a parallelogram single shank ripper ideal for ripping tough material. The ripping angle is variable, and the deeper reach of shank allows the operator to dig up a larger rock easily. Ripper shank height is adjustable in three stages by a hydraulically controlled pin puller.



COMFORTABLE FEATURES

Comfortable Ride with Equalizer Bar Shoulder Pad

Shoulder pad on the equalizer bar makes machine behavior smoother when driving over the obstacles. Additionally, reduced oscillation angle of equalizer bar suppresses machine rolling behavior. Those improvements provide more comfortable environment for operator in rough terrain operation.

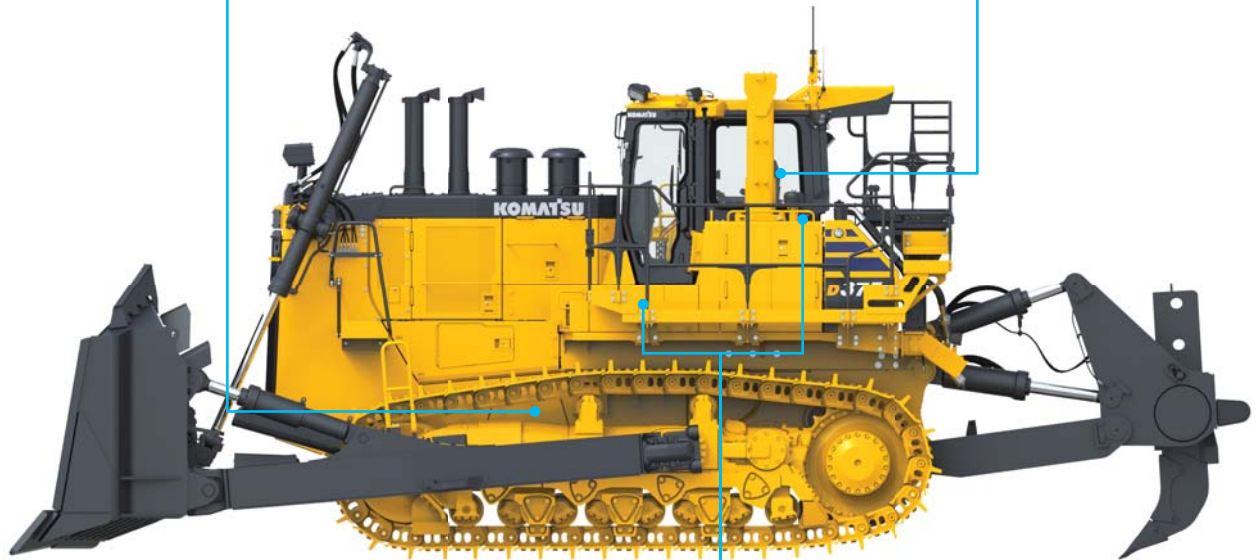


Comfortable Operator Seat

New air suspension operator seat drastically improves vibration absorption performance. Furthermore, uniformed body pressure management increases contact area with body, which enhances hold performance and fatigue reduction for operator. This seat equips the lumbar support, tilting adjust function, electric heater and ventilator. It is easy to adjust to the various physical size of operator and also the electric heater makes it possible to work comfortably in the winter. And ventilator makes it possible too, in the summer.

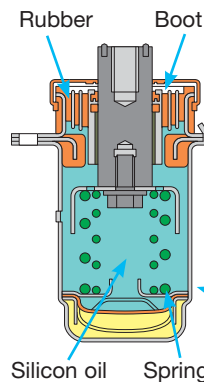


Heater & ventilator



Comfortable Ride with New Cab Damper Mounts

The D375A-8's cab mount uses a new cab damper which provides excellent shock and vibration absorption capacity with its long stroke. These mounts soften shocks and vibration while traveling. Also, isolated cab from the machine body provides comfortable operation environment with less vibration and noise.



WORKING ENVIRONMENTAL FEATURES



New Design Monocoque Cab

The D375A-8 has a tall and spacious cab with large glass windows for outstanding visibility. High rigidity structure greatly reduce noise and vibration for the operator and helps prevent dust entering into the cab. Optimum arrangement of fixed operator seat contributes to enhance the blade visibility drastically, and enables to design the optimized lever and pedal layout, which provides comfortable work environment for operator.

Optimized lever and pedal layout



Enlarged foot space

New fixed operator seat layout

Enlarged Visible Area of Ripper Shank

Thanks to the new ripper arm structure, the visible area of ripper shank is drastically enlarged. Operator is easy to rip the hard rock by locating the front edge of shank accurately.



Rear View Monitor System

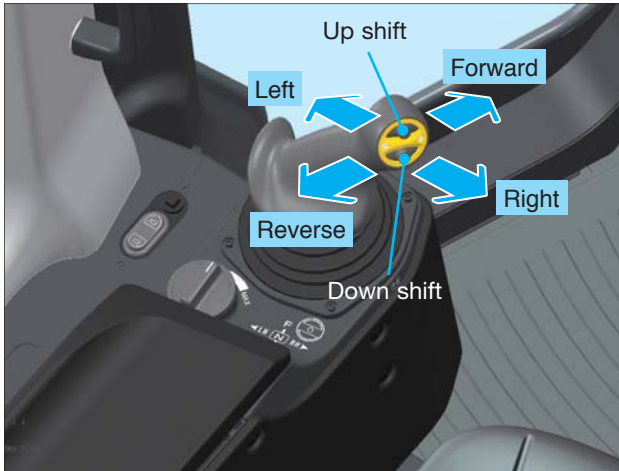
The operator can view the rear of the machine with a color monitor screen.



WORKING ENVIRONMENTAL FEATURES

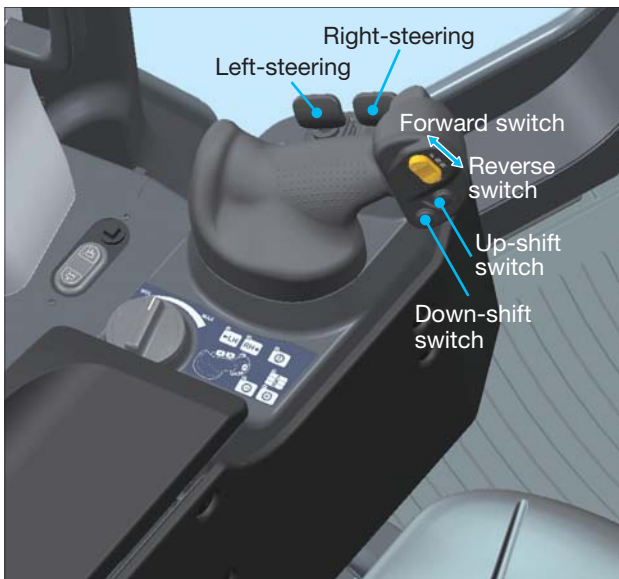
Palm Command Control System (PCCS)

Ergonomically designed palm command travel joystick provides the operator with a relaxed posture and superb control improving operator comfort. Transmission gear shifting is simplified with push buttons.



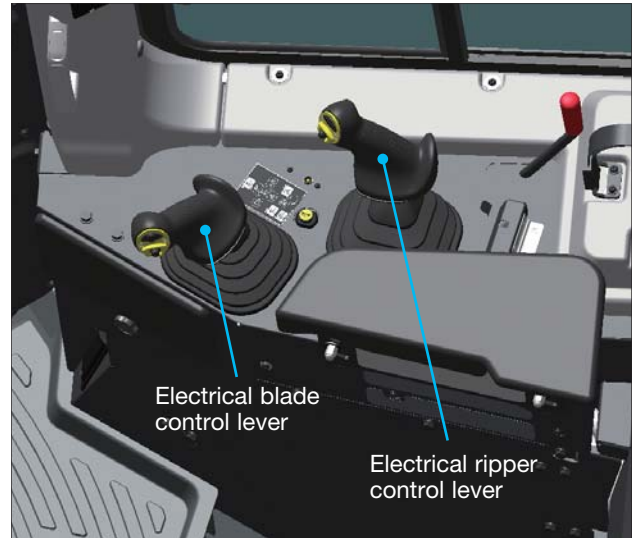
Finger Command Control System (FCCS) (Optional)

Newly developed Finger Command Control System allows operator to support his own body by hand firmly when traveling on uphill slope in reverse or on rough ground. Forward/Reverse can be selected by rocker switch and Right/Left steering control by finger-tip handle.



Electronic Controlled Work Equipment Control Joystick

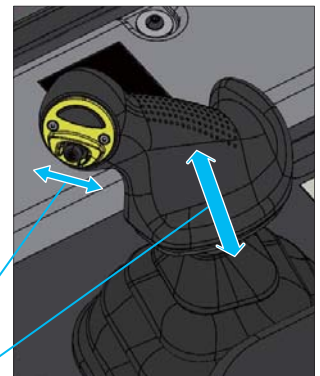
Electronically controlled work equipment control joystick allows operator to control blade and ripper quicker and more accurate than ever before. Blade fine control mode enables more smooth control for finish grading operation.



Palm Command Ripper Control Joystick

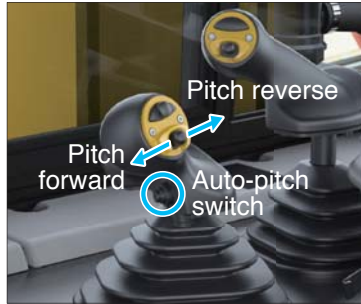
Newly attached the one way ripper control joystick allows operator to hold his own body by hand while ripping.

Tilt in ⇔ Tilt back with toggle switch
Ripper down ⇔ Ripper raise with one way lever



Blade Auto-pitch*

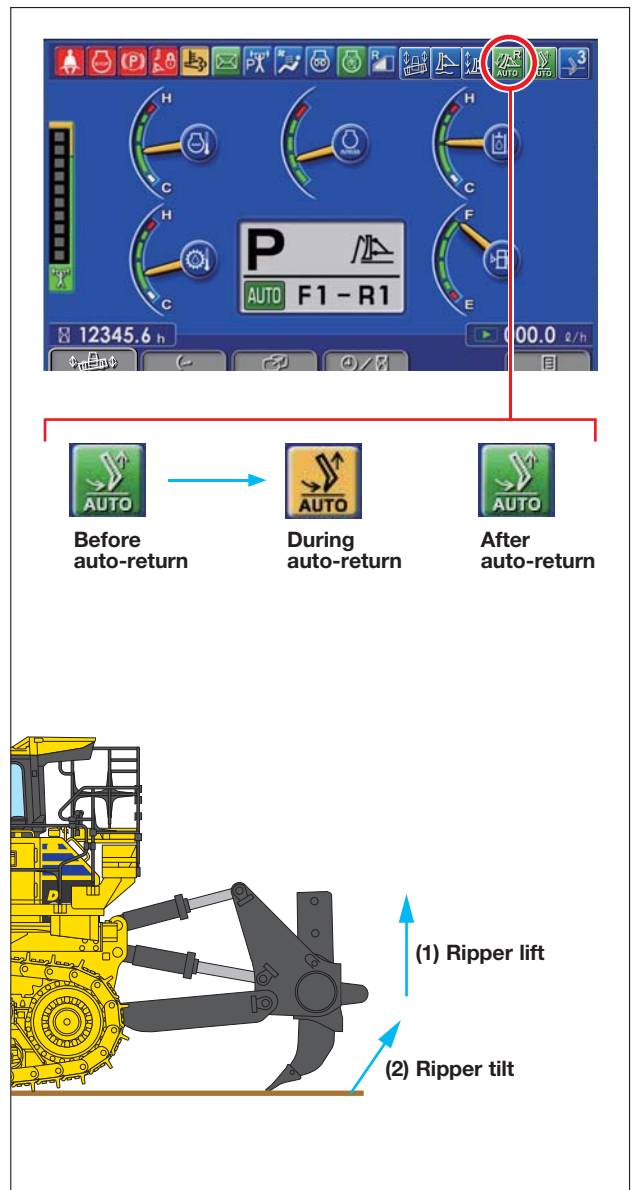
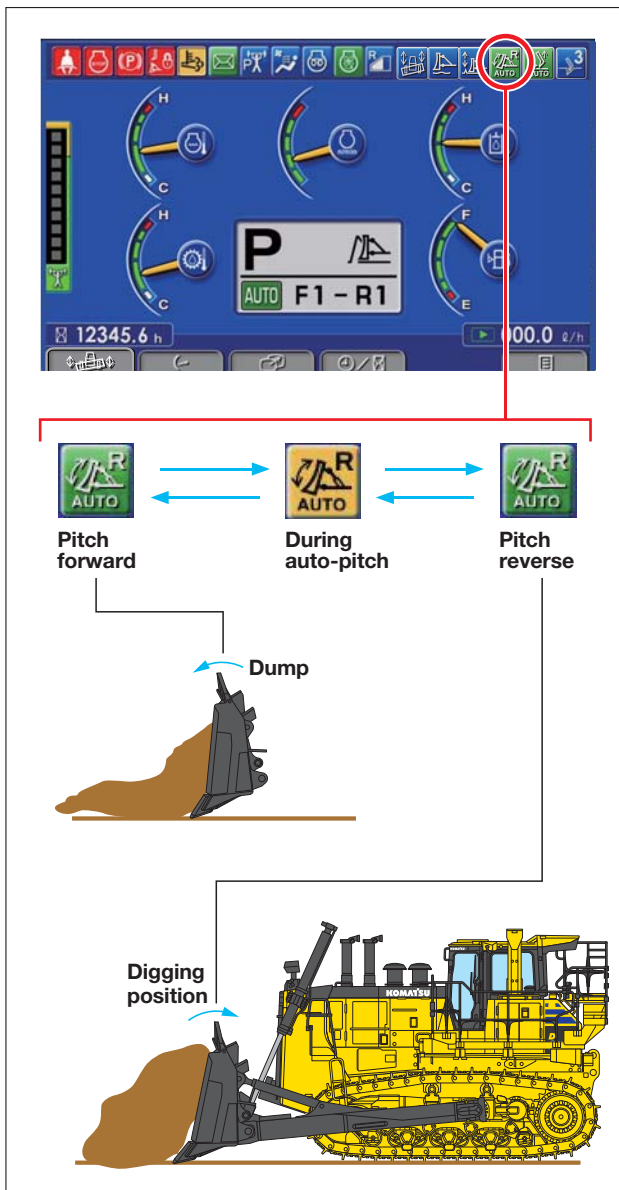
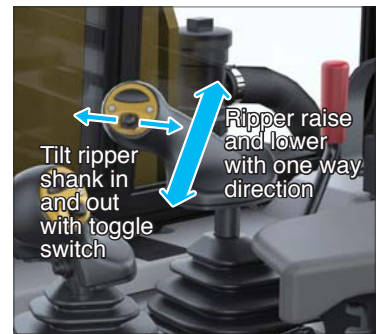
To reduce operator effort and increase operating efficiency, the new auto blade pitch mode sets blade pitch position between digging and dump positions while dozing. By pressing the auto-pitch switch it will toggle the pitch position from digging to dump position with no additional lever movements. The blade pitch control can be set through the monitor to automatically return to the digging position when in reverse.



* Requires dual tilt dozer

Ripper Auto-return

The ripper control lever incorporates an auto-return function that will automatically raise the ripper, so the operator is less fatigued at the end of the day. The function activates automatically when travel lever is moved to reverse position.



WORKING ENVIRONMENTAL FEATURES



Large Size Armrest

Wide armrest allows operator to put his elbow easily and support his own body during ripping work.



Electronic Height Adjuster for Steering Console (Optional)

Height adjuster of steering console by electronic motor-driven provides easy height adjustment before starting operation.



Automatic Climate Control System

Automatic climate control system allows the operator to set the cab ambient temperature easily by the switch panel. Enhanced heating/cooling capacity and optimized wind outlet location keep the cab environment comfortable throughout the year.



12V Outlet Power Source and Aux Input Jack

Two 12V outlet power source and AUX input jack is equipped around left side of console.

- 24V cigarette lighter
- AUX input jack
- 12V outlet
- 12V outlet



SAFETY FEATURES

One Side Platform with Hand Rails and Toe Boards

One side platform gives operator to access safely to rear maintenance points. Check and refilling of fuel and washer, cleaning of cab window glass and air conditioner condenser, cab lights, etc., can be safely performed.



Heavy Duty Steps and Large Hand Rails

Strategically placed grab handles with non-slip steps aid operator getting on and off the machine.



Secondary Engine Shutdown Switch

Secondary engine shutdown switch is newly equipped at the side of machine monitor. This is helpful when engine cannot shutdown normally via starting key switch.



Seat Belt Caution Indicator

Reminds the operator to engage the seat belt.



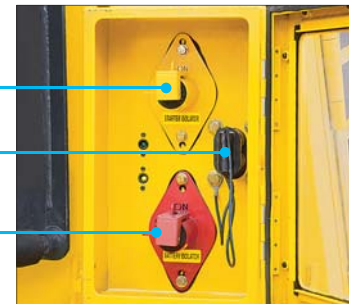
Power Ladder (Optional)

Provides safer access and egress to and from the cabin.



Battery and Starter Isolator Box (Optional)

- Starter isolator
- Jump start receptacle
- Battery isolator



Emergency Engine Stop Switches (Optional)

In case you need to stop the engine immediately by using either of the two switches. One is installed in the cab, the other at the right rear of the machine.



RELIABILITY & MAINTENANCE FEATURES

Main Frame Strength

D375A-8's main frame enhances its durability drastically with 125% stiffness increase compared with current machine.



Mesabi Radiator* Installed

Mesabi radiator is equipped as standard cooling system. Easy exchangeable tube and less clogging performance contribute to easy maintenance and less downtime.

* Mesabi radiator is a trademark of L&M Radiator, Inc.



Swing Fan

Easy access to the front-side of radiator core for cleaning by swing fan and foldable mask structure.



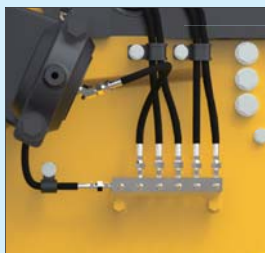
- Swing fan
- Easy to clean core
- Foldable mask

New Mono Blade Linkage

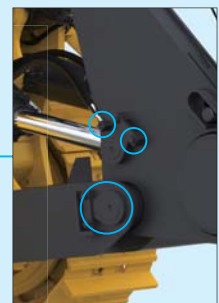
This structure provides less blade sway movement and extends maintenance interval of blade joint.



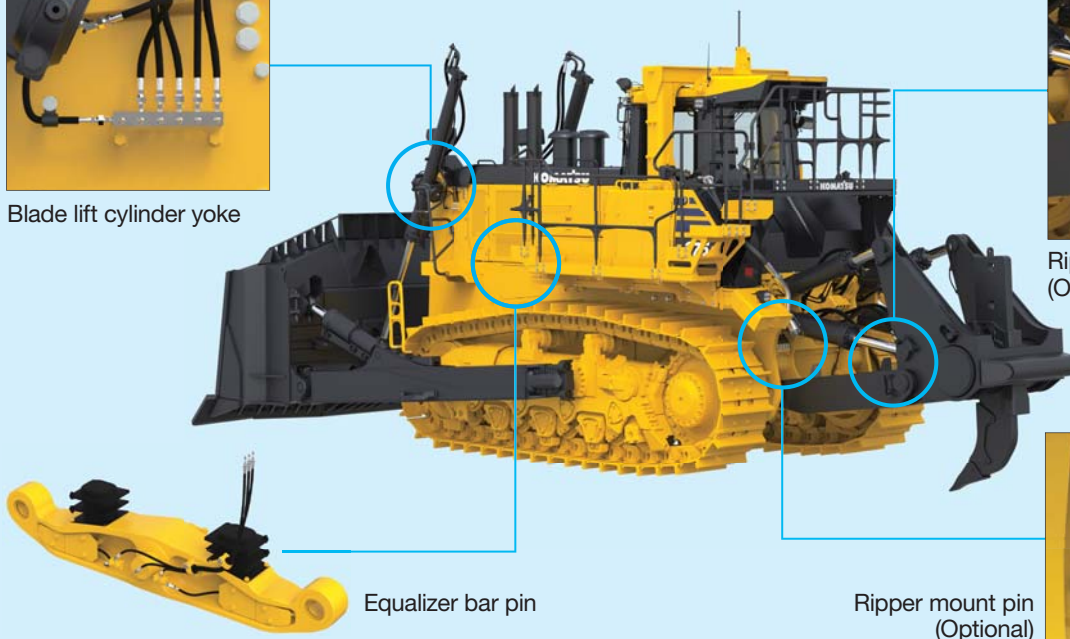
One Side Greasing Points



Blade lift cylinder yoke



Ripper joints (Optional)



Equalizer bar pin

Ripper mount pin (Optional)



Maintenance Service Center (Optional)

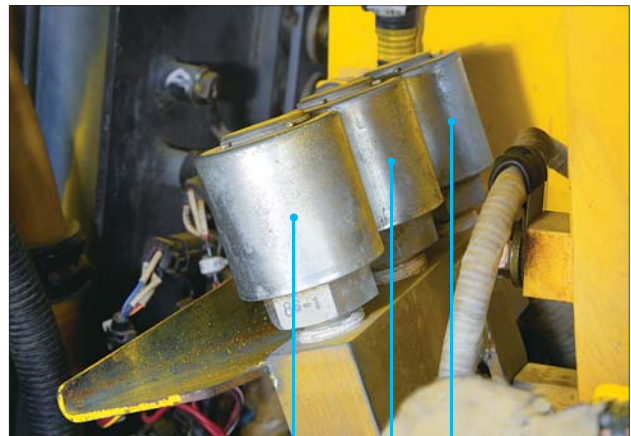
Couplings (Made by Wiggins) installed at the rear left of the machine enable quick drain and change of oil and coolant. The Fast Fuel Fill (Also by Wiggins) enables refueling from ground level. The service center eliminates the need to get on/off the machine and to remove/install covers to perform fluid maintenance.



Hydraulic oil
Transmission oil
Engine oil
Radiator coolant
Fast Fuel Fill

Canister-type Breathers (Optional)

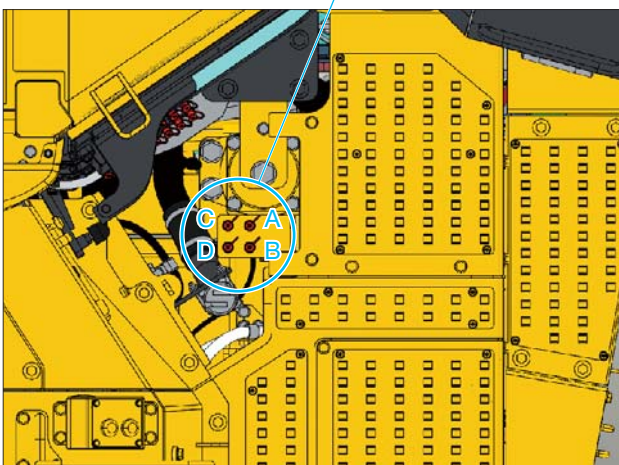
Canister-type breathers are arranged inside the left exterior cover to facilitate check and cleaning of the breather of each component remotely.



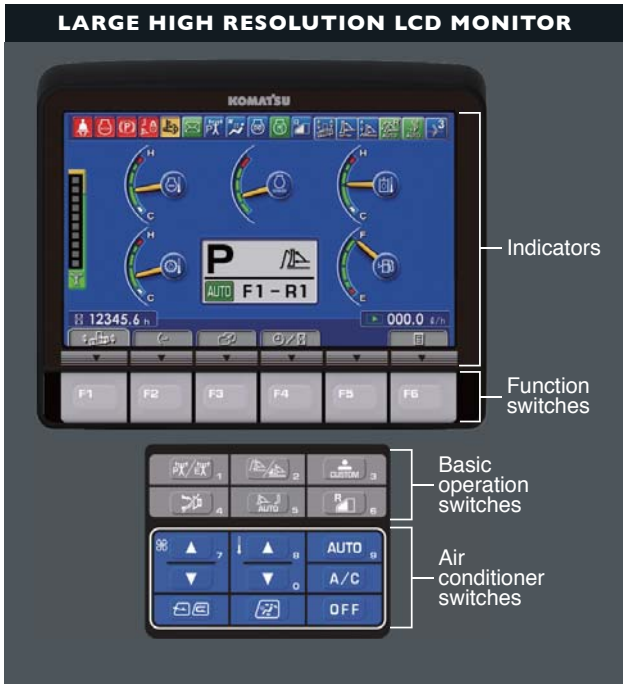
Damper case
Flywheel housing
Powertrain case

Concentrated Sampling Points (Optional)

Concentrated sampling points are arranged inside the right side cab step cover to facilitate sampling of the oil and coolant from each component remotely.



A: Radiator coolant
B: Hydraulic oil
C: Engine oil
D: Transmission oil



Large Multi-lingual High Resolution LCD Monitor

A large user-friendly color monitor provides easy to understand information for the operator. Excellent screen visibility is achieved by use of a high resolution LCD monitor that can easily be read at various angles and lighting conditions. Simple and easy to operate switches. Plus function keys facilitate multi-function operations. The monitor displays data in 26 languages to globally support operators around the world.

Multi-monitor with Troubleshooting Function to Minimize Down Time

Various meters, gauges and warning functions are centrally arranged on the multi-monitor. The monitor simplifies start-up inspection and promptly warns the operator with a lamp and buzzer if any abnormalities should occur. In addition, warning levels are indicated in 4 levels advise the operator of recommended actions. Replacement times for oil and filters are also indicated.

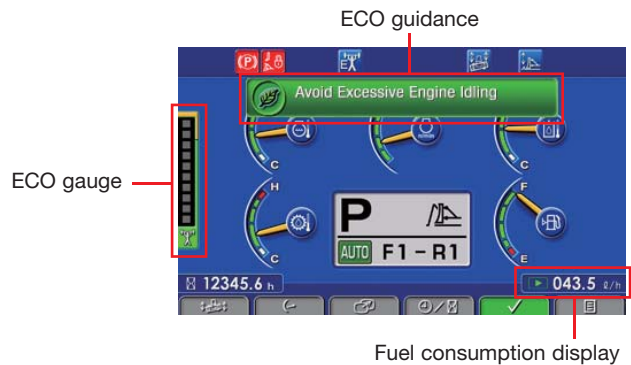


Energy Saving Operation

ECO guidance

In order to support to optimum operation, the following 5 guidance is displayed for fuel saving operation

- 1) Avoid excessive engine idling
- 2) Use economy mode to save fuel
- 3) Avoid hydraulic relief pressure
- 4) Avoid over load
- 5) Use automatic shift mode



ECO gauge

In order to help the operator to perform in an environmentally friendly way and minimize energy consumption, an easy-to-read "ECO gauge" is displayed on the left of the multi-monitor screen.

Fuel consumption display

Average fuel consumption during the day is displayed on the right of the multi-monitor screen and updated every 10 seconds.

Operation record, fuel consumption history, and ECO guidance record

The ECO guidance menu enables the operator to check the operation record, fuel consumption history and ECO guidance record by pushing the button on the monitor. The records can be used to reduce the overall fuel consumption.



Operation record



Fuel consumption record



ECO guidance record

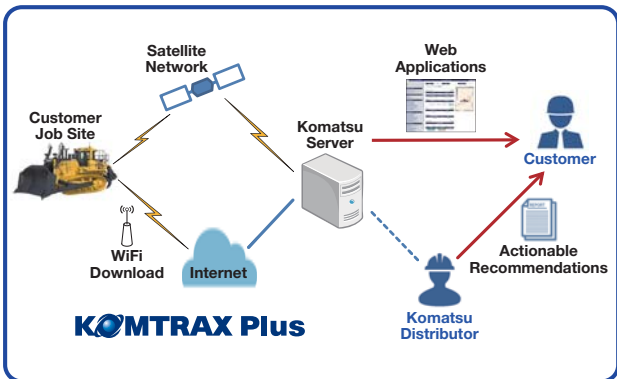
KOMTRAX Plus

KOMTRAX Plus

Assists Customer's Equipment Management and Contributes to Fuel Cost Cutting

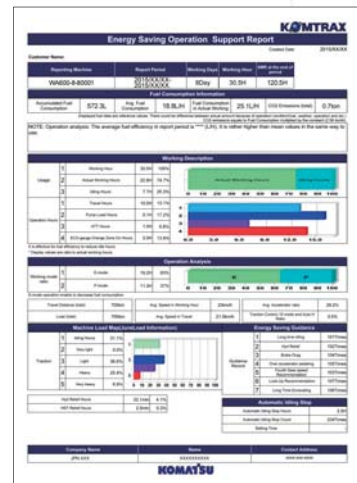
Equipment Management Support

KOMTRAX Plus is a management system for large mining equipment, which enables detailed monitoring of the fleet via satellite and wireless LAN. Komatsu and distributors can analyze "machine health", other operating conditions and provide this information to the job site, using the Internet from a remote location, on a near-real time basis. As a result, customers receive timely machine maintenance, reduced maintenance expenses, downtime costs and avoid mechanical trouble.



Energy Saving Operation Support Report

KOMTRAX Plus provides various useful information which includes the energy-saving operation support report based on the operating information of your machine such as fuel consumption and idle time.



Working Status

- SMR
- Working Hours
- Idling %
- Fuel

Caution Record

- Caution occurrence time and location record per machine

Machine Location on Google Maps

- Searching driving route
- Link to Google Maps app

Tracking no usage/no communication machine

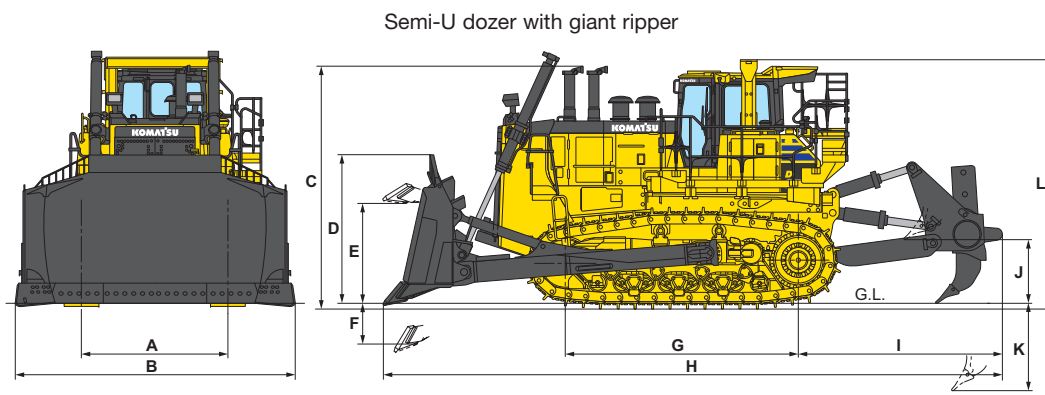
- List of machines not being used/ not communicating for a day, a week, or a month





DIMENSIONS

A	2500 mm
B	4775 mm
C	4160 mm
D	2525 mm
E	1690 mm
F	734 mm
G	3980 mm
H	10560 mm
I	3460 mm
J	1120 mm ^{*1}
K	1485 mm ^{*2}
L	4278 mm



*1 Maximum lift above ground
*2 Maximum drop below ground

Ground clearance: 610 mm



OPERATING WEIGHT

Tractor weight 56340 kg
Including rated capacity of lubricant, coolant, full fuel tank, operator, and standard equipment.

Operating weight 72840 kg
Including Semi-U tilt dozer, giant ripper, cab, ROPS (ISO 3471), operator, standard equipment, rated capacity of lubricant, coolant, and full fuel tank.

Ground pressure 147 kPa 1.50 kg/cm²



HYDRAULIC SYSTEM

Hydraulic control unit:
Closed-center load sensing system (CLSS) designed for precise and responsive control, and for efficient simultaneous operation.

Hydraulic control unit:
All spool control valves externally mounted beside the hydraulic tank. Variable piston pump with capacity (Discharge flow) of 366 L/min for implement at rated engine rpm.

Relief valve setting for implement 29.8 MPa 304 kg/cm²

Control valves:
Spool control valve for Semi-U tilt dozer and U tilt dozer.
Positions: Blade lift Raise, hold, lower, and float
Blade tilt Right, hold, and left
Additional control valve required for variable digging angle multi-shank ripper and giant ripper.
Positions: Ripper lift Raise, hold, and lower
Ripper tilt Increase, hold, and decrease

Hydraulic cylinders Double-acting, piston

	Number of Cylinders	Bore
Blade Lift	2	140 mm
Blade Tilt (Single tilt)	1	200 mm
Blade Tilt (Dual tilt)	2	200 mm
Ripper Lift	2	200 mm
Ripper Tilt	2	180 mm

Hydraulic oil capacity (Refill):
Semi-U dozer or U dozer 130 L
Ripper equipment (Additional volume):
Giant ripper 45 L
Multi-shank ripper (Variable) 45 L



DOZER EQUIPMENT

Blade capacities are based on the ISO recommended practice 9246.

	Overall Length with Dozer	Blade Capacity (ISO 9246)	Blade Length x Height with Spill Guard Height	Maximum Lift above Ground	Maximum Drop below Ground	Maximum Tilt Adjustment	Weight		Ground Pressure*
							Dozer Equipment	Hydraulic Oil	
Semi-U Dozer	7855 mm	18.5 m ³	4775 mm x 2525 mm	1690 mm	734 mm	950 mm	10710 kg	45 kg	147 kPa 1.50 kg/cm ²
Strengthened Semi-U Dozer	7855 mm	18.5 m ³	4775 mm x 2525 mm	1690 mm	734 mm	950 mm	11280 kg	45 kg	148 kPa 1.51 kg/cm ²
Strengthened U Dozer	8215 mm	22.0 m ³	5215 mm x 2525 mm	1690 mm	734 mm	1040 mm	12330 kg	45 kg	150 kPa 1.53 kg/cm ²
Dual Tilt Semi-U Dozer	7855 mm	18.5 m ³	4775 mm x 2525 mm	1690 mm	734 mm	1170 mm	10870 kg	50 kg	147 kPa 1.50 kg/cm ²
Strengthened Dual Tilt Semi-U Dozer	7855 mm	18.5 m ³	4775 mm x 2525 mm	1690 mm	734 mm	1170 mm	11440 kg	50 kg	149 kPa 1.52 kg/cm ²
Strengthened Dual Tilt U Dozer with Spill Guard	8215 mm	22.0 m ³	5215 mm x 2525 mm	1690 mm	734 mm	1280 mm	12490 kg	50 kg	151 kPa 1.54 kg/cm ²

*Ground pressure shows tractor with cab, ROPS (ISO 3471), variable giant ripper, standard equipment and applicable blade.



STANDARD EQUIPMENT FOR BASE MACHINE

- Air conditioner with heater and defroster
- Alternator, 24 V/90 A
- Back-up alarm
- Batteries, 2 x 12 V/136 Ah*
 - *5 hour rate capacity
- Blower cooling fan
- Car stereo
- Color monitor
- Decelerator pedal
- Double wiper for cab door
- Dry-type air cleaner with dust evacuator and dust indicator
- Eight-roller track frames
- Electrical dust indicator
- Final drive case wear guard
- High mount head lights
- Hinged front mask
- Hinged fan support
- Hinged underguards with front pull hook
- Horn, warning
- Hydraulics for dozer
- Hydraulic track adjusters
- KOMTRAX Plus with Iridium
- Lighting system (including four front and two rear lights)
- Lockup torque converter
- Lunch box holder
- Mirror, rearview
- PCCS lever steering control
- Perforated side covers
- Platform with hand rails and toe boards
- Radiator reserve tank
- Rear view monitor system
- Seat
 - Air suspension seat, fabric, low back rest, head rest, heater and ventilator
- Seat belt
- Segmented sprockets
- Shoes, 610 mm extreme service, single-grouser
- Starting motors, 2 x 24 V/7.5 kW
- TORQFLOW transmissions
- Track roller guards
- Two muffler with rain cap
- Uninterrupted power source for 3rd party system
- Wet steering clutches



OPTIONAL EQUIPMENT

- Alternator, 24 V/140 A
- Batteries, 2 x 12 V/160 Ah*
 - *5 hour rate capacity
- Counterweight
- Dual tilt dozer
- End bits
 - Heavy wall type
- Extreme service shoes
 - 710 mm
 - 810 mm
- Fast fuel fill system
- Fire extinguisher
- Hitch
- Hydraulics for ripper
- Inspection light
- LED lights
- Light for ripper point
- Spare parts for first service
- Starting motors, 2 x 24 V/11 kW
- Strengthened Semi-U blade
- Strengthened U blade
- Tool kit
- Track shoe slip control system
- Vandalism protection kit (Cover locks)

ROPS*

Weight 580 kg
 Width 1967 mm
 Height
 Compartment floor to ceiling . 1863 mm
 *Meets ISO 3471 standards.

Multi-shank ripper

Hydraulically controlled parallelogram ripper with three shanks. Ripping angle is steplessly adjustable.
 Weight (Including hydraulic control unit and oil). 6430 kg
 Beam length 2910 mm
 Maximum lift above ground . . . 1155 mm
 Maximum digging depth 1140 mm

Variable giant ripper

Variable, parallelogram single-shank ripper ideal for ripping up tough material. Ripping angle is variable. Ripping depth is adjustable in three stages by a hydraulically controlled pin puller.
 Weight (Including hydraulic control unit and oil). 5210 kg
 Beam length 1600 mm
 Maximum lift above ground . . . 1120 mm
 Maximum digging depth 1485 mm

Mining specifications

- Access lights
- Canister-type breather
- Concentrated sampling points
- Evacuation service center
- Group Lube for blade or ripper
- Isolator box
- Manual emergency engine shutdown switches
- Power ladder
- Provision for power ladder
- Working light for the engine bay

