D475A-5 SUPER DOZER
With Tier 2 Engine

NET HORSEPOWER
664 kW 890 HP @ 2000 rpm

OPERATING WEIGHT
113200 kg 249,560 lb

Photos may include optional equipment.
**Walk-Around**

**Komatsu-integrated design** for the best value, reliability, and versatility. Hydraulics, power train, frame, and all other major components are engineered by Komatsu. You get a machine whose components are designed to work together for higher production, greater reliability, and more versatility.

**The Super Dozer**
The D475A-5 Super Dozer greatly contributes to reducing operating costs ($/tons) by high dozing productivity.
- Large capacity Super Dozer blade with low dozing resistance

**Large blade capacity:**
45 m³ 58.9 yd³ (Super Dozer)

**SAA12V140E-3 turbocharged aftercooled diesel engine** provides a net output of 664 kW 890 HP with excellent productivity. This machine is Tier 2 EPA, EU, and Japan emissions certified.

**Low noise**
- Operator noise: 70dB(A)
  (Engine at Hi, cooling fan at 70%, and air conditioner OFF.)
- Dynamic noise (outside): 110dB(A)
  As per ISO 6395

**Automotive transmission with lockup torque converter** increases speed and power to improve fuel consumption and productivity.

**Track link with wedge ring** reduces maintenance cost by making turning pins easier, with improved pin reuse.

**Hydraulic driven engine cooling fan** controlled automatically, reduces fuel consumption and operating noise levels.

**Extra-low machine profile** provides excellent machine balance and low center of gravity.

**The Dual tilt dozer** increases productivity while reducing operator effort.

**Track link with wedge ring** reduces maintenance cost by making turning pins easier, with improved pin reuse.
Photos may include optional equipment.

Hexagonal designed cab includes:
• Spacious interior
• Comfortable ride with viscous cab damper mounting
• Excellent visibility
• High capacity air conditioning system
• Palm Command Control System (PCCS) joystick controls
• Pressurized cab
• Multi-position adjustable armrest
• Travel control console integrated with operator seat

**KOMTRAX Plus** provides efficient monitoring of machine conditions for maximum productivity.

Preventative maintenance
• Centralized Service Station
• Enclosed Hydraulic Piping
• Modular Power Train Design
• Oil Pressure Checking Ports

Electronic Controlled Modulation Valve (ECMV) controlled steering clutch/brake system facilitates smooth and shockless steering operation.

**K-Bogie Undercarriage System** improves traction, component durability, and operator comfort.

Track shoe slip control system reduces operator fatigue and improves undercarriage life.

Low-drive, long-track, eight roller undercarriage ensures outstanding dozing ability and stability.
Komatsu’s ergonomically designed control system “PCCS” creates an operating environment with “complete operator control.”

Human-Machine Interface

**Palm Command**
**Electronic Controlled Travel Control Joystick**

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

**Fully Adjustable Air Suspension Seat and Travel Control Console**

For improved rear visibility during the return portion of the cycle, the operator can adjust the seat 15° to the right. The transmission and steering controls move with the seat for optimum operator comfort. The operator seat is also tiltable for facilitating downhill dozing. The travel control console is adjustable fore, aft, and for height.

**Left-hand Joystick**
**Blade and Ripper Control Joystick**

**Fuel Control Dial**

Engine RPM is controlled by electric signals, providing ease of operation and eliminating maintenance of linkage and joints.

**Palm Command PPC Controlled Blade Control Joystick**

Blade control joystick uses the Proportional Pressure Control (PPC) valve and the same palm command type joystick, similar to the travel control joystick. PPC control, combined with the highly reliable Komatsu hydraulic system, enables superb control. Dual tilt and pitch operation are enabled by pressing a switch with the thumb.

**Height Adjustable Blade Control Armrest**

Blade control armrest is height adjustable without any tools in three stages, providing the operator with firm arm support and ideal comfort.

**Position Adjustable Ripper Control Lever**

Ripper control lever is adjustable, providing optimum operator posture for all operators during all types of ripping operations.

**Air Suspension Seat**

**Outline of Electronic Control System**
Power Train Electronic Control System

Smooth Operation

The D475A-5 Super Dozer utilizes a power train electronic control system. The controller registers the amount of operator control (movements of lever and operation of switches) along with machine condition signals from each sensor to accurately calculate the control of the torque converter, transmission, steering clutches and brakes for optimized machine operation. The ease of operation and productivity of the D475A-5 Super Dozer is greatly improved through these features.

Electronic Controlled Modulation Valve (ECMV) Controlled Transmission

Controller automatically adjusts each clutch engagement depending on travel conditions such as gear speed, RPM and shifting pattern. This provides shockless, smooth clutch engagement, improved component reliability, extended component life and operator ride comfort.

Electronic Controlled Modulation Valve (ECMV) Controlled Steering Clutches/Brakes

Sensors monitor machine operating conditions and electronically control steering clutches and brakes. Monitoring application parameters such as incline angle of slope and degree of load provide smooth and easy operation by reducing counter-steering on downhill travel, etc.

Effect of ECMV Steering Clutches/Brake Control

Preset Travel Speed Selection Function

Preset travel speed selection function is standard equipment, enabling the operator to select fore and aft travel speed among three preset patterns such as F1-R2, F2-R2 and manual shift. When F1-R2 or F2-R2 preset pattern is selected, and travel control joystick moves to forward/rearward direction, the machine travels forward/reverse with F1-R2 or F2-R2 speed automatically. This function reduces gear shifting time during repeated round-trip operations.

Auto Downshift Function

The controller monitors engine speed and travel speed. When load is applied and machine travel speed is reduced, the controller automatically downshifts to optimum gear speed to provide high fuel efficiency. This function provides comfortable operation and high productivity without manual downshifting.
Engine

The Komatsu SAA12V140E-3 engine delivers a net output of 664 kW (890 HP) at 2000 rpm (SAE J1349). Productivity features, together with the heavy machine weight, make the D475A-5 Super Dozer a superior crawler dozer in both ripping and dozing production. The engine is Tier 2 EPA, EU, and Japan emissions certified and features direct fuel injection, turbocharger, and aftercooler to maximize fuel efficiency.

To minimize noise and vibration, the engine is mounted to the main frame with rubber cushions. For further convenience, fuel adjustment is unnecessary up to an altitude of 3000 m (9,840 ft).

Hydraulic Driven Engine Cooling Fan

Fan rotation is automatically controlled depending on coolant and hydraulic oil temperature, saving fuel and providing increased productivity with a quiet operating environment. The fan has a reverse and a reverse/clean-out mode facilitating easier radiator maintenance.

Automatic Torque Converter Lockup System

For greater efficiency during long pushes, the lockup mode allows the system to automatically engage the torque converter lockup clutch. Locking up the torque converter transmits all the engine power directly to the transmission, increasing ground speed thus achieving efficiencies equal to a direct drive. The result is efficient use of engine power, less fuel consumption, and faster cycle times.

K-Bogie Undercarriage System

K-Bogies with front and rear single bogies are utilized to increase the length of track on ground improving machine stability and leveling performance. An oscillating idler and increased sprocket lead angle improve riding comfort when traveling over rough terrain. K-Bogies oscillate with two fulcrums assuring a large amount of track roller vertical travel. Impact load to undercarriage components is minimized and durability of components is improved since track rollers are always in contact with track links. Track rollers follow track link movement to extend the undercarriage life. Excellent riding comfort is provided due to less vibration and shock when traveling over rough terrain.
When It Comes To Crawler Dozers, Bigger Really Is Better

Bigger dozers are more efficient—they push more material per miner, per hour, and per shift, for a lower overall cost per yard. Presenting the most efficient of them all—the Komatsu D475A-5 Super Dozer.

Super Dozer Blade

Thanks to an exclusive, proprietary blade design, the Super Dozer answers a fundamental challenge of dozer design—how to push more load without a proportionate increase in operating weight and horsepower. The D475A-5 SD’s massive 45.0 m³ 58.9 yd³ Super Dozer Blade gives you 15% more production than a conventional U-blade in level dozing.

Unlike ordinary dozer blades, the Super Blade has a full range of movement. Three basic positions—dig, carry and dump—create previously unheard-of levels of efficiency. It also includes auto-dump and auto-reposition features.

Photo may include optional equipment.
Work Environment

Operator comfort is essential for productive work. The D475A-5 Super Dozer provides the operator with a quiet, comfortable environment where the operator can concentrate on the work at hand.

**Hexagonal Pressurized Cab**
- The cab's hexagonal design and large tinted glass windows provide excellent front, side, and rear visibility.
- Improved cab sealing, air filters and increased internal air pressure combine to help prevent dust from entering the cab.
- The floor mat and door sill are the same height to facilitate easy cleaning.
- The high quality cab interior is fully lined with sound absorbing material.

**Comfortable Ride with Cab Damper Mounting and K-Bogie Undercarriage**
D475A-5 Super Dozer's cab mount uses a cab damper mounting which provides excellent shock and vibration absorption capacity with its long stroke. The cab damper mounting, combined with K-bogie undercarriage, softens shocks and vibrations while traveling over adverse conditions. The soft spring cab damper isolates the cab from machine body, suppressing vibrations and providing a quiet, comfortable operating environment.

**Low Sound Levels**
The D475A-5 Super Dozer features a unique and unrivaled low noise design. This is accomplished by improvements not only in the cab but throughout the machine. The cab features an insulated double floor to reduce power train noise, thicker glass in the door and increased pressurization from improved window seals. Engineered baffles on the machine absorb and reduce the fan noise. Cool air inlet ducts are lined with sound absorbing material that direct the air to the hydraulic fan and a double insulated engine hood with additional sound absorbing material further reduce engine noise. These improvements help the D475A-5 Super Dozer achieve remarkably low sound levels.

- **Operator noise:** 70dB(A) (Engine at high idle, fan speed at 70%, and air conditioner OFF)
- **Dynamic noise (outside):** 110dB(A) (As per ISO 6395)

**Improved Visibility in Rear of Blade**
The shape of the blade heel and the position of the operator's seat are changed so that the operator can check the ground in the rear of the blade during dozing. Accordingly, the operator can work more accurately. In addition, the position of the exhaust pipe is changed for better front visibility.

**Air Intake Ports of Air Conditioner**
The air conditioner fresh air inlet is located above the fender to help prevent dust from the undercarriage from entering the cab. The inside air recirculation inlet is located behind the operator's seat, away from the dirt and dust of the floor mat, to provide an increased cleaning/replacement interval.
Preventative Maintenance

Preventative maintenance is the only way to ensure long service life from your equipment. That's why Komatsu designed the D475A-5 SD with conveniently located maintenance points to make necessary inspections and maintenance quick and easy.

Centralized Service Station
To ensure convenient maintenance, the transmission and torque converter oil filters are both arranged next to the power train oil level gauge.

Monitor with Self-Diagnostic Function
If the monitor finds abnormalities, a corresponding warning lamp blinks and a warning buzzer sounds to help prevent the development of serious problems. When abnormalities occur during operation, a service user code is displayed.

Gull-wing Engine Side Covers
Dual insulated gull-wing engine side covers facilitate engine maintenance and filter replacement. Side covers are thick two-piece structures with bolt-on latches to improve durability and repairability.

Low Maintenance Costs

Track Link with Wedge Ring
The D475A-5 SD track links feature reduced press-fit force and a wedge ring. Conventional track pins are retained only with a large press-fit force. (The track link divides pin forces between the wedge ring and press-fit force.) This enables easier service with reduced pin damage when turning pins and bushings. The result is improved undercarriage life and reduced maintenance cost through reduced wear, greater pin reusability, and reduced maintenance man-hours.

Highly Reliable Electric Circuit
The electrical circuit reliability is increased by utilizing dust, vibration and corrosion resistant "DT connectors". The reinforced electrical wiring harnesses include circuit breakers and are covered with a heat-resistant material to increase mechanical strength, provide longer life, and protect the system from damage.

Oil Pressure Checking Ports
Pressure checking ports for power train components are centralized to promote quick and simple diagnosis.

KOMTRAX Plus
As part of a complete service and support program, Komatsu equips every mining and quarry sized machine with KOMTRAX Plus. By using a satellite-based communication system, KOMTRAX Plus offers a new vision of monitoring your valuable assets by providing insight to critical operating metrics and information that can be used to increase availability, lower owning and operating costs and maximize fuel efficiency.

The KOMTRAX Plus information available on MyKomatsu.com allows service personnel and asset owners to review cautions, operational data, fuel consumption, payloads and key component measurements provided in forms of trends. With KOMTRAX Plus, knowledge becomes the power to fuel your productivity.

Flat Face O-Ring Seals
Flat face O-ring seals are used to securely seal all hydraulic hose connections and to help prevent oil leakage.

Enclosed Hydraulic Piping
Hydraulic piping for the blade tilt cylinder is completely housed in the push arm protecting it from damage.

Modular Power Train Design
Power train components are sealed in a modular design that allows the components to be removed and replaced without oil spillage, making servicing work clean, smooth, and easy.

Maintenance-Free Disc Brakes
Wet disc brakes are adjustment free and provide excellent service life.
Manual Engine Shutdown Switches
In case of urgent need to stop the engine, two shutdown switches are provided, in the cab and at the right rear of the machine.

Uninterrupted Power Source
Uninterrupted power source allows for 2-way radio communication at any time. (Interior lights can be turned on with the starting switch at OFF position.)

Access Lights
Access lights are installed at the front (2, right and left) and (1) at the rear of the machine.

Work Light for the Engine Compartment
A work light is installed inside the engine hood (left side) to facilitate night-time inspection and maintenance.

Provision for Platforms
Provision for platforms eliminates the need to modify the machine for future installation of platforms.

Platforms with Handrails and Foot Barriers
Optional platforms can be ordered to give access to the side faces and the rear of the machine.

Hood Mounted Hand Rails with Anti-Slip Plate
Optional platforms can be ordered to surround the hood area to give access to radiator water level and work lights.

Isolator Box
Battery and starting motor isolators are housed in the isolator box on the left side of the machine to facilitate cut-off of the battery circuit for maintenance of the machine. Jump-start connectors are also provided in the box in case of power failure.
- A: Starter isolator
- B: Jump start receptacle
- C: Battery isolator

Canister-type Breathers
Canister-type breathers are remotely arranged inside the left exterior cover to facilitate check and cleaning of the breather of each component.
- A: Power train case
- B: Flywheel housing
- C: Damper case

Maintenance Service Center
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.
- A: Engine oil
- B: Radiator coolant
- C: Transmission oil
- D: Hydraulic oil
- E: Fast Fuel Fill

Concentrated Sampling Points
Concentrated sampling points are remotely arranged in the tool box storage area to facilitate sampling of the oil and coolant from each component.
- A: Engine oil
- B: Radiator coolant
- C: Transmission oil
- D: Hydraulic oil

Centralized Grease Points for Blade Cylinder Yoke and Ripper Mount Pin
Centralized grease points enable lubrication of both blade and ripper from ground level.
**ENGINE**

Model .......................................... Komatsu SAA12V140E-3
Type ............................................. 4-stroke, water-cooled, direct injection
Aspiration ..................................... Turbocharged, air-to-air aftercooled
Number of cylinders .......................... 12
Bore x stroke .................................. 140 mm x 165 mm 5.51" x 6.50"
Piston displacement .......................... 30.48 ltr 1,860 in³
Horsepower
SAE J1349 ........................................ 671 kW 899 HP
DIN6270 ........................................... 664 kW 890 HP
Hydraulic fan at maximum speed .......... 641 kW 860 HP
Rated rpm ..................................... 2000 rpm
Governor ........................................ All-speed, electronic
Lubrication system
Method .......................................... Gear pump, force lubrication
Filter ............................................ Full-flow and bypass combined

**TORQFLOW TRANSMISSION**

Komatsu TORQFLOW transmission consists of a water-cooled, 3-element, 1-stage, 1-phase torque converter with lockup clutch and a planetary gear, multiple-disc clutch transmission which is hydraulically-actuated and force-lubricated for optimum heat dissipation. Gearshift lock lever and neutral safety switch help prevent accidental starts.

**STEERING SYSTEM**

PCCS lever, joystick-controlled, wet multiple-disc steering clutches are spring-loaded and hydraulically released. Wet multiple-disc steering brakes are spring-actuated, hydraulically released, and require no adjustment. Steering clutches and brakes are interconnected for easy, responsive steering.

Minimum turning radius ..................... 4.6 m 15'1"

**UNDERCARRIAGE**

Suspension ................................. Oscillating equalizer bar and pivot shaft
Track roller frame ......................... Cylindrical, high-tensile-strength steel construction
Rollers and idlers ............................ Lubricated track rollers
K-Bogie Undercarriage
  Lubricated track rollers are resiliently mounted to the track frame with a bogie suspension system whose oscillating motion is cushioned by rubber pads.

Extreme Service Track Shoes
  Lubricated tracks. Unique seals prevent entry of foreign abrasives into pin to bushing clearances to provide extended service life. Track tension is easily adjusted with grease gun.

Number of shoes (each side) .................. 41
Grouser height:
  Single grouser .................................. 105 mm 4.1"
Shoe width (standard) .......................... 810 mm 32"
Ground contact area ................................ 73290 cm² 11,360 in²
Ground pressure (Tractor) ................... 112 kPa 1.14 kg/cm² 16.2 psi
Number of track rollers ...................... 8
Number of carrier rollers .................... 2

**SERVICE REFILL Capacities**

Fuel tank ...................................... 1670 ltr 441 U.S. gal
Coolant ......................................... 275 ltr 72.6 U.S. gal
Engine .......................................... 121 ltr 32.0 U.S. gal
Torque converter, transmission, bevel gear, and steering system .................. 210 ltr 55.5 U.S. gal
Final drive (each side)....................... 75 ltr 19.8 U.S. gal

**FINAL DRIVES**

Double-reduction final drive of spur and planetary gear sets to increase tractive effort and reduce gear tooth stresses for long final drive life. Segmented sprocket teeth are bolt-on for easy replacement.
**DIMENSIONS**

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<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>2770 mm</td>
<td>9'1&quot;</td>
</tr>
<tr>
<td>B</td>
<td>6465 mm</td>
<td>21'3&quot;</td>
</tr>
<tr>
<td>C</td>
<td>4546 mm</td>
<td>14'11&quot;</td>
</tr>
<tr>
<td>D</td>
<td>2690 mm</td>
<td>8'10&quot;</td>
</tr>
<tr>
<td>E</td>
<td>4524 mm</td>
<td>14'10&quot;</td>
</tr>
<tr>
<td>F</td>
<td>10525 mm</td>
<td>34'6&quot;</td>
</tr>
<tr>
<td>G</td>
<td>2405 mm</td>
<td>7'11&quot;</td>
</tr>
<tr>
<td>H</td>
<td>4646 mm</td>
<td>15'3&quot;</td>
</tr>
<tr>
<td>I</td>
<td>1960 mm</td>
<td>6'5&quot;</td>
</tr>
<tr>
<td>J</td>
<td>860 mm</td>
<td>2'10&quot;</td>
</tr>
<tr>
<td>K</td>
<td>900 mm</td>
<td>2'11&quot;</td>
</tr>
</tbody>
</table>

**SUPER DOZER WITH COUNTERWEIGHT**

Ground Clearance: 655 mm 22"

**OPERATING WEIGHT**

**Tractor weight** ........................................ 84510 kg 186,310 lb
Including steel cab, rated capacity of lubricant, coolant, full fuel tank, operator, and standard equipment.

**Operating weight** ................................... 113200 kg 249,560 lb
Including strengthened Super Dozer blade, counterweight, steel cab, ROPS, operator, standard equipment, rated capacity of lubricant, coolant, and full fuel tank.

**HYDRAULIC SYSTEM**

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

Hydraulic control units:
All spool valves externally mounted beside the hydraulic tank.
Piston type hydraulic pump with capacity (discharge flow) of 542 ltr/min 143 U.S. gal/min at rated engine rpm.

Relief valve setting ................. 27.5 MPa 280 kg/cm² 3,980 psi

Hydraulic cylinders ................. Double-acting, piston

<table>
<thead>
<tr>
<th>Number of cylinders</th>
<th>Bore</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blade lift</td>
<td>2</td>
</tr>
<tr>
<td>180 mm 7.09&quot;</td>
<td></td>
</tr>
<tr>
<td>Blade tilt and pitch</td>
<td>2</td>
</tr>
<tr>
<td>250 mm 9.84&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Hydraulic oil capacity (refill):
Super Dozer ................. 180 ltr 48 U.S. gal

Control valves:
Spool control valves for Super Dozer
Positions:
Blade lift ................. Raise, hold, lower, and float
Blade tilt ................. Right, hold, and left
Blade pitch
(digging angle) ............ Increase, hold, and decrease

**DOZER EQUIPMENT**

Blade capacities are based on the SAE recommended practice J1265.

<table>
<thead>
<tr>
<th>Overall length with dozer</th>
<th>Blade capacity</th>
<th>Blade length x height</th>
<th>Maximum lift above ground</th>
<th>Maximum drop below ground</th>
<th>Maximum lift adjustment</th>
<th>Weight Dozer equipment</th>
<th>Ground pressure*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Super Dozer</td>
<td>8980 mm 29'6&quot;</td>
<td>45.0 m³ 58.9 yd³</td>
<td>6465 mm x 2890 mm</td>
<td>21'3&quot; x 8'10&quot;</td>
<td>1960 mm 6'5&quot;</td>
<td>21350 kg 47,070 lb</td>
<td>151 kPa 1.54 kg/cm² 21.9 psi</td>
</tr>
</tbody>
</table>

*Ground pressure shows tractor with Super Dozer blade, cab, ROPS, counterweight, operator, and standard equipment.
STANDARD EQUIPMENT

- Accessory sockets, 2 x 12V
- Air conditioner with heater and defroster
- Alternator, 90 amperes/24V
- Auto-priming system
- Back-up alarm
- Batteries, 4 x 12 V, 200 Ah
- Blower cooling fan
- Decelerator pedal
- Double door wiper
- Dry-type air cleaner with dust evacuator and dust indicator
- Dual tilt dozer
- Eight-roller track frames
- Engine oil level sensor
- Engine prelubrication system
- Final drive case wear guard
- Hinged underguard with front pull hook
- Hydraulics for ripper
- Hydraulic track adjusters
- K-Bogie Undercarriage System
- KOMTRAX Plus
- Lighting system (six front/two rear)
- Lockup torque converter
- Lunch box holder
- Mirror, rear view
- Muffler with rain cap
- PCCS palm lever steering control
- Perforated front mask
- Radiator reserve tank
- Radio, AM/FM cassette
- ROPS, Heavy Duty
- Seat belt, 78 mm, 3"
- Seat, air suspension, fabric, high back, fully adjustable
- Segmented sprockets
- Shoes, 810 mm 32" extreme service, single-grouser
- Starting motors, 2 x 7.5 kW/24V
- Steel cab
- Steps, heavy-duty and handles
- Sun visor
- TORQFLOW transmission
- Track roller guards
- Track shoe slip control system
- Warning horn
- Water separator
- Wet steering clutches

ROPS:*
Weight: 940 kg 2,070 lb
Roof dimensions:
  Width: 1940 mm 6'4"
  Height from compartment floor: 1872 mm 6'2"
*Meets ISO 3471 and SAE J1040 APR88, ROPS standards

Steel cab:*
Weight: 455 kg 1,000 lb
Dimensions:
  Length: 1790 mm 5'10"
  Width: 1455 mm 4'9"
  Height from compartment floor to ceiling: 1530 mm 5'0"
*Meets ISO 3449 FOPS standard

OPTIONAL EQUIPMENT

- Additional cab heater
- Counterweight
- Fast Fuel Fill
- Shoes, 910 mm 36" extreme service, single-grouser

Counterweight:
Weight: 7270 kg 16,028 lb

Multi-shank ripper:
Hydraulically controlled parallelogram ripper with three shanks. Ripping angle is steplessly adjustable.
Weight (including hydraulic control unit and oil): 9720 kg 21,430 lb
Beam length: 3085 mm 10'1"
Maximum lift above ground: 1140 mm 3'9"
Maximum digging depth: 1180 mm 3'10"

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): 7360 kg 16,226 lb
Beam length: 1477 mm 4'10"
Maximum lift above ground: 1140 mm 3'9"
Maximum digging depth: 1800 mm 5'11"

OPTIONAL MINING SPECIFICATION PACKAGE

Must order all items in this group for mining specification package:
- Additional front and rear work lights
- Batteries and starter isolator box
- Cab light uninterrupted power source
- Canister-type breathers
- Centralized grease points, blade cylinder yoke
- Centralized grease points, ripper mount pin
- Concentrated sampling points for oil and coolant
- Fast fuel fill
- HID work lights
- Maintenance service center for oil and coolant
- Manual engine stop switches
- Provision for platforms
- Working light for the engine compartment

May order individually in addition to optional mining specification package group:
- Hand rail on hood
- Platforms- left hand side only
- Platforms with handrails and foot barriers-right and left side
- Remote ripper grease points
- Remote dozer grease points