HORSEPOWER
Gross: 337 kW 452 HP @ 2000 rpm
Net: 335 kW 449 HP @ 2000 rpm

OPERATING WEIGHT
50850 kg 112,100 lb

D275A-5R

D275A-5R CRAWLER DOZER

Horsepower: 337 kW (452 HP) @ 2000 rpm
Net power: 335 kW (449 HP) @ 2000 rpm
Operating weight: 50850 kg (112,100 lb)

Komatsu Ltd. Japan

CEN00228-01

Materials and specifications are subject to change without notice.

Komatsu is a trademark of Komatsu Ltd. Japan.
Simple hull frame and monocoque track frame with pivot shaft for greater reliability.

Large blade capacities:
- 13.7 m³ 17.9 yd³ (Semi-U dozer)
- 16.6 m³ 21.7 yd³ (U dozer)
- 14.6 m³ 19.1 yd³ (SIGMA DOZER)

New track link design reduces maintenance cost by making turning pins easier, with improved pin reuse.

Low-drive, long-track, seven roller undercarriage ensures outstanding grading ability and stability.

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.

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

Preventative maintenance
- Centralized service station
- Enclosed hydraulic piping
- Modular power train design
- Oil pressure checking ports
- Electric priming pump
See page 9.

New hexagonal designed cab includes:
- Spacious interior
- Comfortable ride with new cab damper mounting and K-Bogie undercarriage
- Excellent visibility
- High capacity air conditioning system (optional)
- Palm Command Control System (PCCS) lever controls
- Optional pressurized cab
- Adjustable armrest
- Travel control console integrated with operator seat
See page 8.

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

Filtration
Further enhanced reliability of the machine against fuel contamination thanks to the improvement in fuel filtration.
See page 10.

Electronic Controlled Modulation Valve (ECMV) controlled steering clutches/brakes facilitating steering operation.
See page 5.

Track shoe slip control system (option)
See page 7.

K-Bogie undercarriage system improves traction, component durability, and operator comfort.
See page 6.

SAA6D140E-5 turbocharged after-cooled diesel engine provides an output of 335 kW 449 HP with excellent productivity. See page 6.
Palm Command Control System (PCCS)

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

Palm command travel joystick provides the operator with a relaxed posture and superb fine control. Transmission gear shifting is simplified with thumb push buttons.

Full-adjustable suspension seat and travel control console

For improved rear visibility during reverse operations, the operator can adjust seat 15° to the right. The transmission and steering controls move with the seat for optimum operator comfort. The travel control console also has adjustment fore and aft, and height. The armrest is independently adjustable up and down, providing optimum operation posture for all operators.

Facing front

Power Train Electronic Control System

Smooth and soft operation

D275A-5R utilizes a newly designed 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 calculate accurately the control of the transmission, steering clutches and brakes for optimal machine operation. The ease of operation and productivity of new D275A-5R is greatly improved through these new features.

Electronic Controlled Modulation Valve (ECMV) controlled transmission

Controller automatically adjusts each clutch engagement depending on travel conditions such as gear speed, revolution and shifting pattern. This provides smooth shockless clutch engagement, improved component reliability, improved 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 depending on type of job, such as size of load during dozing, incline angle of slope or load, providing smooth and ease of operation by reducing counter-steering on downhill travel, etc.

Effect of ECMV steering clutches/brake control

When dozing and turning, ECMV automatically controls stroke ratio of steering clutches and brakes depending on degree of load, enabling smooth dozing and turning.

When dozing downhill, ECMV automatically controls steering clutches and brakes depending on incline of machine or degree of load, reducing counter-steering and producing smooth dozing operation.

Preset travel speed function

Preset travel speed selection function is standard equipment, enabling the operator to select fore and aft travel speed from three preset patterns; F1-R1, F1-R2 and F2-R2 by using the UP/DOWN switch. When the F1-R2 or F2-R2 preset pattern is selected and the travel control is moved into forward or reverse, the machine travels in the preset gear range automatically. This function reduces manual gear shifting frequency during machine operation, enabling the operator to focus on directional and hydraulic control. Preset travel speed selection is especially helpful when used in combination with the auto-downshift function and reduces cycle times during repeated round trip operations.

Auto downshift function

Controller monitors engine speed, travel gear 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. (This function can be cancelled with cancel switch.)
Large blade
Capacities of 13.7 m³ 17.9 yd³ (Semi-U dozer), 16.6 m³ 21.7 yd³ (U dozer) and 14.6 m³ 19.1 yd³ (SIGMADOZER) yield outstanding production. High-tensile-strength steel has been incorporated into the front and sides of the blade for increased durability.

Dual tilt dozer (option)
The dual tilt dozer increases productivity while reducing operator effort.
- Optimum blade cutting angle for all types of materials and grades can be selected on-the-go for increased load and production.
- Digging, dozing (carry), and dumping (spreading) are easy and smooth.
- Dozer tilt angle and tilt speed are twice that of a conventional single tilt system.

Rippers
- The variable giant ripper features a long sprocket center-to-ripper point distance, making ripping operation easy and effective while maintaining high penetration force.
- The variable giant ripper is a parallelogram single shank ripper ideal for ripping in tough material. The ripping angle is variable, and the depth is adjustable in three stages by a hydraulically controlled pin puller.
- The multi-shank ripper is a hydraulically controlled parallelogram ripper with three shanks.

Track shoe slip control system (option)
- Eliminates the need for the operator to constantly control engine power output with the decelerator while ripping.
- Maneuverability is improved because the operator is free to focus on the ripping application without having to monitor the track shoe slippage.
- Repair costs are significantly lowered and undercarriage life is prolonged with the reduction in track shoe slippage.
- The track shoe slip control system will contribute to lower fuel costs, because the engine output is automatically controlled to optimum levels for operation.

Undercarriage

K-Bogie system
New K-Bogie undercarriage system retains prior advantages, with new additional features.
Current features:
- Effective length of track on ground is consistent. Shoe slippage is minimized; therefore, high traction is obtained.
- The idler does not oscillate under load, providing excellent machine balance. Blade and ripper penetration force remains stable for increased productivity.

New features on K-Bogie undercarriage system:
- K-Bogies oscillate with two fulcrums, and track roller vertical travel is greatly increased. Impact load on all undercarriage components has been reduced and durability of components is improved since track rollers are always in contact with track link.
- Undercarriage life is improved due to better control of track chain alignment with track rollers.
- Riding comfort is improved by reducing vibration and shock when traveling over rough terrain.

Engine
The Komatsu SAA6D140E-5 engine delivers 335 kW 449 HP at 2000 rpm. The fuel-efficient Komatsu engine, together with the heavy machine weight, make the D275A-5R a superior crawler dozer in both ripping and dozing production. The engine features direct fuel injection, turbocharger and air-to-air aftercooler to maximize fuel efficiency. To minimize noise and vibration, the engine is mounted to the main frame with rubber cushions.

Hydraulic drive radiator cooling fan
Fan rotation is automatically controlled depending on coolant and hydraulic oil temperature, saving fuel consumption and providing great productivity with a quiet operating environment.

Photo may include optional equipment.
Operator Comfort

Operator comfort is essential for productive work. The D275A-5R provides a quiet, comfortable environment where the operator can concentrate on the work at hand.

Comfortable ride with new cab damper mounting and K-Bogie undercarriage
D275A-5R’s cab mount uses a new cab damper which provides excellent shock and vibration absorption capacity with its long stroke. Cab damper mounts combined with new K-Bogie undercarriage, softens shocks and vibration while traveling over adverse conditions, that are impossible to absorb with conventional cab mounting methods. The soft spring of cab damper isolates the cab from machine body, suppressing vibration and providing a quiet, comfortable operating environment.

Hexagonal pressurized cab (optional)
- The cab’s new hexagonal design and large tinted glass windows provide excellent front, side, and rear visibility.
- Air filters and a higher internal air pressure combine to prevent dust from entering the cab.

New suspension seat
D275A-5R uses a new suspension seat. Fore and aft sliding rails and suspension spring are reinforced and play of joints is reduced. In addition to turning function for ripper operation, the seat is also tiltable to facilitate downhill dozing. Air suspension seat is also available.

Preventative Maintenance

Preventative maintenance is the only way to ensure long service life from your equipment. That’s why Komatsu designed the D275A-5R with conveniently located maintenance points to make necessary inspections and maintenance quick and easy.

Centralized service station
To assure convenient maintenance, the transmission and HSS oil filters, power train oil level gauges and hydraulic tank are arranged in the right side of the machine.

Monitor with self-diagnostic function
With the starting switch turned ON, the monitor displays P on the display, check-before-starting and caution items appear on the lower right part of the panel. If the monitor finds abnormalities, corresponding warning lamp blinks and warning buzzer sounds. The monitor displays engine rpm and forward/reverse gear speed on the upper part of the monitor during operation. If abnormalities occur during operation, user code and service meter are displayed alternately. When a critical user code is displayed, the caution lamp blinks and a warning buzzer sounds to prevent the development of serious problems.

Enclosed hydraulic piping
Hydraulic piping for the blade tilt cylinder is completely housed in the push arm, ensuring damage protection from materials.

Modular power train design
Power train components are sealed in a modular design that allows the components to be dismounted and mounted without oil spillage.

Low Maintenance Costs

New Track Link Design
New D275A-5R track links feature increased link tread and link height and track guiding guard shape is improved. The result is improved undercarriage life and reduced cost through maintenance man-hours when turning pins and bushings.
**Filtration**

*Engine*

Newly added main fuel filter of 2µ and water separator protect the engine against dirt and water in the fuel.

*Hydraulic*

The hydraulic tank is equipped with a high-filtration breather with pressure valve to prevent dust from entering.

The fuel tank is equipped with a high-filtration breather with pressure valve to prevent dust from entering.

**Reliability Features**

**Engine**

Model: Komatsu SAA6D14GE-5

Type: 4-cylinder, water-cooled, direct injection

Aspiration: Turbocharged, air-to-air aftercooled

Number of cylinders: 6

Bore x stroke: 140 mm x 165 mm

Piston displacement: 1524 cm³

Governing: All-speed, electronic

Horsepower: SAE J1995: Gross 337 kW, 452 HP

ISO 9249 / SAE J1349: Net 335 kW, 445 HP

Rated rpm: 2000 rpm

Fan drive type: Hydraulic

Lubrication system: Full-flow

Method: Gear pump, force lubrication

Filter: Full-flow

**Hydraulic Tank**

Kawasaki TORQFLOW transmission consists of a water-cooled, 3-element, 1-stage, 1-phase, torque converter 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 prevent accidental starts.

**Final Drives**

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

**Torqflow Transmission**

Kawasaki TORQFLOW transmission consists of a water-cooled, 3-element, 1-stage, 1-phase, torque converter 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 prevent accidental starts.

**Fuel Tank**

Oil pan: For ease of maintenance.

**STEERING SYSTEM**

PCCS lever controls for all directional movements. Pushing the PCCS lever forward results in forward machine travel, while pulling it rearward reverses the machine. Simply lift the PCCS lever to left to make a left turn.

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

**Maximum Turning Radius**

Minimum turning radius: 3.9 m 12’10”

**Undercarriage**

Suspension: Oscillating equalizer bar and pivot shaft

Track frame: Cylindrical, high-tensile-strength steel construction

Rollers and idlers: Lubricated track rollers

K-Bogie undercarriage

Lubricated track rollers are resiliently mounted to the roller frame with a series of K-Bogies whose oscillating motion is cushioned by rubber pads.

**Steering Clutches and Brakes**

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

**Final Speeds**

D275A-5R

**D275A-5R**

**Specifications**

<table>
<thead>
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<th>Gear</th>
<th>Forward</th>
<th>Reverse</th>
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<tbody>
<tr>
<td>1st</td>
<td>3.5 km/h</td>
<td>2.2 mph</td>
</tr>
<tr>
<td>2nd</td>
<td>6.7 km/h</td>
<td>4.2 mph</td>
</tr>
<tr>
<td>3rd</td>
<td>11.1 km/h</td>
<td>7.0 mph</td>
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**Drawbar Pull**

<table>
<thead>
<tr>
<th>Drawbar Pull (kg)</th>
<th>Travel Speed (km/h)</th>
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<tr>
<td>100 kg</td>
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<tr>
<td>350 kg</td>
<td>50-60</td>
</tr>
<tr>
<td>400 kg</td>
<td>60-70</td>
</tr>
</tbody>
</table>

**Coolant and Lubricant**

*Capacity (Refill)*

Fuel tank: 840 ltr

Coolant: 100 ltr

Engine: 52.0 ltr

**Cooling System**

*Specifications*

- Undercarriage
- Suspension
- Gear pump
- Steering system
**Dimensions**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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<td>3915 mm</td>
<td>12'10&quot;</td>
<td>1900 mm</td>
<td>6'3&quot;</td>
<td>3400 mm</td>
</tr>
<tr>
<td>3950 mm</td>
<td>13'1&quot;</td>
<td>9500 mm</td>
<td>31'3&quot;</td>
<td>9500 mm</td>
<td>31'3&quot;</td>
<td>9500 mm</td>
<td>31'3&quot;</td>
<td>3260 mm</td>
</tr>
</tbody>
</table>

**Semi-U Dozer with Giant Ripper**

- **Hydraulic System**
  - Closed-center Load Sensing System (CLSS) designed for precise and responsive control, and for efficient simultaneous operation.
  - Operating weight: 58,060 kg (127,000 lb)
  - Including rated capacity of lubricant, coolant, full fuel tank, operator, and standard equipment.
  - Hydraulic control units:
    - All spool valves externally mounted beside the hydraulic tank.
    - Plunger-type hydraulic pump with capacity (discharge flow) of 230 l/min (60.8 U.S. gal/min) at rated engine rpm.
  - Relief valve setting: 27.5 MPa (280 kg/cm², 3,980 psi)

**Operating Weight**

- **Tractor weight:** 37,680 kg (83,070 lb)
- **Including rated capacity of lubricant, coolant, full fuel tank, operator, and standard equipment.**

**Standard Equipment**

- **DOZER EQUIPMENT**
  - Blade capacities are based on the SAE recommended practice J1265.
  - **Overall length with dozer:**
    - Semi-U tilt dozer: 6865 mm (22'6"
    - Full-U tilt dozer: 7265 mm (23'10"
  - **Blade capacity:**
    - Semi-U tilt dozer: 16.9 m³ (14.8 yd³)
    - Full-U tilt dozer: 18.5 m³ (14.5 yd³)
  - **Blade length x height:**
    - Semi-U tilt dozer: 4575 mm x 4770 mm (15'1" x 15'9")
    - Full-U tilt dozer: 4575 mm x 4770 mm (15'1" x 15'9")
  - **Maximum drop below ground:**
    - Semi-U tilt dozer: 1300 mm (4'3")
    - Full-U tilt dozer: 1300 mm (4'3")
  - **Maximum lift adjustment:**
    - Semi-U tilt dozer: 1180 kg (2605 lb)
    - Full-U tilt dozer: 1300 kg (2866 lb)
  - **Weight:**
    - Semi-U tilt dozer: 14,050 kg (30,960 lb)
    - Full-U tilt dozer: 14,050 kg (30,960 lb)

**Optiona Equipment**

- **Steel cab:**
  - Weight: 455 kg (999 lb)
  - Dimensions: 1700 mm (5'7")
  - Height from compartment floor to ceiling: 1640 mm (5'5")

**Suggested Equipment**

- **SIGMADOZER**
  - Overall length with dozer:
    - Semi-U tilt dozer: 6865 mm (22'6"
    - Full-U tilt dozer: 7265 mm (23'10"
  - Blade capacity:
    - Semi-U tilt dozer: 17.0 m³ (14.8 yd³)
    - Full-U tilt dozer: 17.0 m³ (14.8 yd³)
  - Blade length x height:
    - Semi-U tilt dozer: 4575 mm x 4770 mm (15'1" x 15'9")
    - Full-U tilt dozer: 4575 mm x 4770 mm (15'1" x 15'9")
  - Maximum drop below ground:
    - Semi-U tilt dozer: 1300 mm (4'3")
    - Full-U tilt dozer: 1300 mm (4'3")
  - Maximum lift adjustment:
    - Semi-U tilt dozer: 1180 kg (2605 lb)
    - Full-U tilt dozer: 1300 kg (2866 lb)
  - Weight:
    - Semi-U tilt dozer: 14,050 kg (30,960 lb)
    - Full-U tilt dozer: 14,050 kg (30,960 lb)

**Ground pressure**

- **(All ground pressure shown for tractor, cab, ROPS, operator, giant ripper standard equipment and applicable blade.)**
  - When calculating the operating weight of dual tilt dozer, add the 50 kg weight of additional hydraulic system to the tractor weight.

**CRAWLER DOZER D275A-5R**

- **Alternative 75 ampere/24V**
  - **Backup alarm**
  - **Batteries 170 Ah x 2**
  - **Blower fan**
  - **Deodorator pedal**
  - **Dry-type air cleaner with dust evacuator and dust indicator**
  - **Electric priming pump**
  - **Final drive case wear guard**
  - **Hinged front mask**
  - **Hinged underguard with front pull hook**
  - **Lighting system**
    - (including four front and two rear lights)
  - **Muffler with rain cap**
  - **Palm lever steering control**
  - **Perforated side covers**
  - **Radiator reserve tank**
  - **ROPS brackets**
  - **Segmented sprockets**

**Dimensions**

- **Width:** 1980 mm (6'6")
- **Height from compartment floor:** 1835 mm (6'0")

**Operating weight:**

- **Tractor weight:** 37,680 kg (83,070 lb)
  - **Including rated capacity of lubricant, coolant, full fuel tank, operator, and standard equipment.**
  - **Hydraulic control units:**
    - All spool valves externally mounted beside the hydraulic tank.
    - Plunger-type hydraulic pump with capacity (discharge flow) of 230 l/min (60.8 U.S. gal/min) at rated engine rpm.
  - **Relief valve setting:** 27.5 MPa (280 kg/cm², 3,980 psi)

**Suggested Equipment**

- **SIGMADOZER**
  - Overall length with dozer:
    - Semi-U tilt dozer: 6865 mm (22'6"
    - Full-U tilt dozer: 7265 mm (23'10"
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    - Full-U tilt dozer: 17.0 m³ (14.8 yd³)
  - Blade length x height:
    - Semi-U tilt dozer: 4575 mm x 4770 mm (15'1" x 15'9")
    - Full-U tilt dozer: 4575 mm x 4770 mm (15'1" x 15'9")
  - Maximum drop below ground:
    - Semi-U tilt dozer: 1300 mm (4'3")
    - Full-U tilt dozer: 1300 mm (4'3")
  - Maximum lift adjustment:
    - Semi-U tilt dozer: 1180 kg (2605 lb)
    - Full-U tilt dozer: 1300 kg (2866 lb)
  - Weight:
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**Ground pressure**

- **(All ground pressure shown for tractor, cab, ROPS, operator, giant ripper standard equipment and applicable blade.)**
  - When calculating the operating weight of dual tilt dozer, add the 50 kg weight of additional hydraulic system to the tractor weight.
**CRAWLER DOZER**

**D275A-5R**

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**DIMENSIONS**

- **Dimensions:**
  - Length: 2260 mm (7'5'')
  - Width: 4300 mm (14'1'')
  - Height: 3915 mm (12'10'')
  - Slew radius: 1900 mm (6'5'')
  - Lift cylinder: 3480 mm (11'5'')
  - Rake: 9250 mm (30'6'')

**Semi-U Dozer with Giant Ripper**

- **Dimensions:**
  - Length: 1196 mm (4'1'')
  - Width: 3990 mm (13'1'')

---

**OPERATING WEIGHT**

- **Operating weight:** 37680 kg (83,070 lb)
- **Ground pressure:** 1.24 kg/cm² (17.6 psi)

**HYDRAULIC SYSTEM**

- **Closed-center Load Sensing System (CLSS):** Designed for precise and responsive control, for efficient simultaneous operation.
- **Hydraulic control units:** All spool valves externally mounted beside the hydraulic tank.
- **Plunger type hydraulic pump:** With capacity (discharge flow) of 230 l/min at 60.8 l/s.
- **Relief valve setting:** 27.5 MPa (280 kg/cm²)

---

**DOZER EQUIPMENT**

- **Blade capacities:** Based on the SAE recommended practice J1265.
- **Overall length with blade:**
  - Semi-U dozer: 15.7 m (51'9'')
  - Full-U dozer: 17.5 m (57'4'')
- **Blade capacity:**
  - Semi-U dozer: 16.6 m³ (3400 ltr)
  - Full-U dozer: 18.9 m³ (3990 ltr)
- **Maximum lift above ground:**
  - Semi-U dozer: 3.7 m (12'6'')
  - Full-U dozer: 4.0 m (13'0'')
- **Maximum drop below ground:**
  - Semi-U dozer: 2.9 m (9'6'')
  - Full-U dozer: 3.2 m (10'6'')
- **Weight (including hydraulic oil):**
  - Semi-U dozer: 34.3 kg (754 ltr)
  - Full-U dozer: 35.7 kg (800 ltr)
- **Ground pressure:**
  - Semi-U dozer: 1.20 kg/cm² (17.4 psi)
  - Full-U dozer: 1.23 kg/cm² (17.7 psi)

---

**STANDARD EQUIPMENT**

- **Air conditioner with heater and defroster**
- **Alternator 90 amps/24 V**
- **Batteries 200 Ah/24 V**
- **Countersweight**
- **Cushion push block**
- **Dual tilt dozer**
- **Fire extinguisher**
- **Finger guard**
- **Hydraulics for ripper**
- **Light for ripper point**
- **Mirror, rearear view**
- **Panel cover**
- **Pusher plate**
- **Radio, stereo**
- **Seat**
- **Air suspension seat**
- **Seat belt**
- **Spill guard for U dozer**
- **Vandalism protection kit**
- **Warning horn**

---

**OPTIONAL EQUIPMENT**

- **Steel tail:**
  - **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'')

**Multi-shank ripper:**
- **Hydraulically controlled parallelogram ripper** with three shanks. Ripping angle infinitely adjustable.

**SIGMADOZER**

- **Overall length with dozer:**
  - SIGMADOZER: 21'10" (6.5 m)
- **Blade capacity:**
  - SIGMADOZER: 21.7 yd³ (15.0 m³)
- **Blade length:**
  - SIGMADOZER: 14'7" (4.5 m)
- **Maximum lift above ground:**
  - SIGMADOZER: 4'7" (1.4 m)
- **Maximum weight:**
  - SIGMADOZER: 20,890 kg (45,917 lb)
  - Weight (including hydraulic oil): 21,150 kg (46,511 lb)

---

**Weights**

- **CRAWLER DOZER**
  - Weight: 34,300 kg (75,000 lb)
  - Weight (including hydraulic oil): 35,500 kg (78,290 lb)

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**Ground pressure shows tractor, cab, ROPS, operator, standard equipment, and applicable blade.

When calculating the operating weight of dual tilt dozer, add the 50 kg weight of additional hydraulic system to the tractor weight.