PC30MR-3
PC35MR-3

HORSEPOWER
Gross: 22.0 kW 29.5 HP / 2400 min⁻¹
Net: 21.4 kW 28.6 HP / 2400 min⁻¹

OPERATING WEIGHT
PC30MR-3: 3140 kg
PC35MR-3: 3580 kg

BUCKET CAPACITY
PC30MR-3: 0.035 – 0.11 m³
PC35MR-3: 0.044 – 0.13 m³

Photos may include optional equipment.
COMPACT HYDRAULIC EXCAVATOR  PC30/35MR-3

**BEST PERFORMANCE EVEN IN NARROW SPACE**
- Short Tail and Small Swing Radius
- Wide Angle Swing Boom
- Good Combination of Long Leach and Good Lifting Capacity

**HIGH RELIABILITY STRUCTURE**
- High Strength X-track Frame
- High Durability Bracket with Large Diameter Swing Pin
- Built-in Hydraulic Hoses with Protector

**USER FRIENDLY SAFETY AND COMFORT**
- Large Entrance and Foot Space
- Two-post ROPS (ISO 3471) Canopy Good Visibility

**EASY MAINTENANCE**
- Tilting Cab and Full Open Covers
- Front Bonnet: Fuel Tank Refilling
- Thermal and Fan Guards

**FIRST CLASS COMFORT (CAB OPTIONAL)**
- An Optimal Work Environment
- Comfortable Operator's ROPS (ISO 3471) Cab

**KOMTRAX**
- Equipment Management Support

---

**PC30/35MR-3**

**HORSEPOWER**
- Gross: 22.0 kW 29.5 HP / 2400 min⁻¹
- Net: 21.4 kW 28.6 HP / 2400 min⁻¹

**OPERATING WEIGHT**
- 3140 / 3580 kg

**BUCKET CAPACITY**
- 0.035 – 0.11 / 0.044 – 0.13 m³
Strong Digging Force is Delivered with Short Tail and Swing Boom

**Work Machine Speed Up**

Work equipment speed is faster than current model and compound operation is improved by Closed-center load sensing system.

Speed-up ratio of work machine

<table>
<thead>
<tr>
<th>Work machine</th>
<th>PC30MR-3</th>
<th>PC35MR-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom-up speed</td>
<td>12 % UP</td>
<td>10 % UP</td>
</tr>
<tr>
<td>Arm-dump speed</td>
<td>8 % UP</td>
<td>12 % UP</td>
</tr>
</tbody>
</table>

**Closed-center load sensing system**

The pressure-compensated Closed-center load sensing system ensure each actuator works according to its control input, regardless of the size of load. These give operator precise control and ideal work at all times.

**Short Tail and Small Swing Radius**

Operator can worry less about rear swing impact even in narrow spaces with combination of only 80 mm projection over the track and small swing radius.

<table>
<thead>
<tr>
<th>Item</th>
<th>PC30MR-3</th>
<th>PC35MR-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>All swing width</td>
<td>2415 mm</td>
<td>2550 mm</td>
</tr>
</tbody>
</table>
Wide Angle Swing Boom

The swing boom’s angle is wide and realizes direct digging close to the edge of wall.

Good Combination of Long Leach and Good Lifting Capacity

The enlarged boom cylinder and good stability increase the lifting capacity and long reach.

Max. Digging Reach | PC30MR-3 | PC35MR-3
--- | --- | ---
With STD arm | 5050 mm | 5300 mm
With long arm | 5390 mm | 5640 mm

Lifting capacity with STD arm | PC30MR-3 | PC35MR-3
--- | --- | ---
At 3 m | 365 kg | 580 kg
At max. reach | 220 kg | 345 kg

Traveling Performance and Functions to Make Operation on Site Smoother

Automatically senses the travel load and shifts between high speed and low speed travel. This function and strong traction force (Max: 3400 kg) make the movement on site smoother.

Travel speed selector switch

Travel speed | PC30MR-3 | PC35MR-3
--- | --- | ---
High (km/h) | 4.6 | 4.8
Low (km/h) | 2.5 | 2.8

Auxiliary Hydraulic Flow (Optional)

Large auxiliary hydraulic flow can utilize attachments more efficiently. High output auxiliary hydraulics allow variety of attachments to be used.
High Reliability Structure

High Durability and Quality

30 years History of Compact Hydraulic Excavator

Evolution of Compact Hydraulic Excavator
The foundation philosophy of Komatsu is to pursue quality and reliability. Compact hydraulic excavator has a long history and the quality improvement has been repeated since 1981.

Durable Improvement and Extensional of the Periodical Maintenance Time

High-strength Brass Bushes
High-strength brass bushes are adopt (except around bucket) are, extending the lubrication interval to 500 hours.

Long life filters to protect your machine component
Eco White Filter extends the replacement time of the hydraulic oil filter to every 2000 hours.

<table>
<thead>
<tr>
<th>Item</th>
<th>Replacement frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Oil Filter</td>
<td>Every 500 hours</td>
</tr>
<tr>
<td>Engine Oil</td>
<td></td>
</tr>
<tr>
<td>Fuel Filter</td>
<td></td>
</tr>
<tr>
<td>Hydraulic Filter (Eco White)</td>
<td></td>
</tr>
<tr>
<td>Hydraulic Oil</td>
<td>Every 2000 hours</td>
</tr>
</tbody>
</table>

Extension time of engine oil and fuel filter extended every 500 hours.

High strength work equipment
It has Durability to withstand any application.
Komatsu thoroughly investigated and analyzed the customer's job site and built in working machines with sufficient.

Sheet metal of the decoration structure
Easy to repair and cost of repairing is reduced.
High Strength X-track Frame

The new “X-frame” ensures maximum stress resistance and optimal stress distribution. Its shape makes the machine a lot more rigid and reliable. In addition, it facilitates the regular undercarriage cleaning operations and the spoils removal process.

Face Seal

O-ring face seals having high sealing performance are used for hydraulic joints.

Sealed Connectors

Water-resistant sealed connectors seal tight and have reliability.

A Chevron-shaped Boom Cylinder Guard

This design reduces damage to the cylinder caused by interference of the breaker, hitting against the dump vessel, etc.

High Durability Bracket with Large Diameter Swing Pin

It has high durability and maintains suitable clearances between pin and bushing after long-term operation. Bracket is rigid and the parts around swing has high durability.

Built-in Hydraulic Hoses with Protector

The hose joints between the arm and boom have been built in. The piping at the boom foot of MR-3 series is also built in to further heighten reliability.
Superior Comfort Brings Best Performance

Safety Lever

The engine can start only when the lever is in the lock position. This system prevents unexpected accident.
Two-post ROPS (ISO 3471) Canopy Good Visibility

Two post ROPS canopy not only enable operator to protect from accident such as roll over but also the advantage of good front visibility. The operator can watch 360° field view.

Light for Safety

A working lamp for work equipment is provided on the boom bottom to prevent damage due to accidental contact.

New Design Monitor

New design monitor make checking machine condition easily.

Wide Operator Seat

Large operator seat reduce stress.

Large Entrance and Foot Space

Operator can get on and off easily.

This travel lamp provides an increased visibility both in a night operation and in the travel position.
Easy Maintenance to Reduce Cost

Tilting Cab and Full Open Covers

The wide opening engine bonnets provide a quick access to daily inspection points. The fuel and the hydraulic oil tanks are located under the side bonnet, in a safe and easy-to-reach position. In addition, the cab tilts back for major maintenance tasks much easier.

Rear bonnets for quick engine checks, simple inspections, cleaning of the radiators and easy access to the battery.
Front Bonnet: Fuel Tank Refilling

Engine food cover is opening full and Large-sized fuel filler that reduces fuel flow-back is utilized.

Thermal and Fan Guards are Placed Around High-temperature Parts of Engine and Fan Drive

These guard ensure safety during maintenance.

Easy Clean Side-by-side Cooling Section

The cooling efficiency of the cooling section is increased by utilizing the side-by-side coolers. The side-by-side coolers allow easy cleaning.
FIRST CLASS COMFORT (CAB OPTIONAL)

A Large-sized Cab is a Competitive Advantage for Compact Excavator

Despite its compact size, the PC30/35MR-3 offers unequalled comfort. The spacious cab was developed with exceptional care to details, and the work environment is quiet and comfortable. Special attention was given to the operator: ergonomic and dedicated Pressure Proportional Control (PPC) controls, and, in option, an efficient air conditioning and ventilation system to guarantee optimal thermal comfort. Last, but not least, the upper rail sliding door makes getting in and out of the machine very easy and safe in any situation.
The large rear glass provides the operator excellent rear visibility.

Operator can get in and out of the machine very easy.

Smooth opening and closing is possible.

The operator can work comfortably in all seasons because of the large-capacity fresh-air-in air conditioner and defrosting system with well located air flow outlets.
KOMTRAX delivers the energy-saving operation report based on the operating information such as fuel consumption, load summary and idling time, which helps you efficiently run a business.

Energy Saving Operation Report

The detailed information that KOMTRAX puts at your fingertips helps you manage your fleet conveniently on the web anytime, anywhere. It gives you the power to make better daily and long-term strategic decisions.

Equipment Management Support

Through the web application, a variety of search parameters are available to quickly find information about specific machines based on key factors. Moreover, KOMTRAX finds out machines with problems from your fleet and shows you through an optimal interface.

The report contents and data depend on the machine model.

The Komatsu remote monitoring and management technology provides insightful data about your equipment and fleet in user-friendly format.

Optimal Strategy for Efficient Work

This report image is an example of a hydraulic excavator.
Komatsu Genuine Attachment Tool

Komatsu-recommended attachment tools for hydraulic excavators
A wide range of attachment tools are provided to suit customers’ specific applications.

Hydraulic breaker
The hydraulic breaker is an attachment tool used for crushing rock beds and paved surfaces, demolishing concrete structures, etc. The large gas chamber, ideal gas pressure ratio, and long-stroke piston deliver a powerful impact force. Since the breaker unit does not require an accumulator, the number of parts has been reduced, resulting in lower maintenance costs.

Crusher
This attachment tool is used for demolishing concrete structures. Since it does not have a striking mechanism and features low noise and low vibration, it is suitable for work in urban areas. The open-close cylinder is equipped with a speed-up valve for increasing work speed.

Applications of Attachment Tools

<table>
<thead>
<tr>
<th>Application/Attachment Tool</th>
<th>Civil Engineering</th>
<th>Quarry</th>
<th>Demolition</th>
<th>Industrial Waste Disposal</th>
<th>Iron-Making</th>
<th>Utility Construction</th>
<th>Rental</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydraulic Breaker</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Crusher (Primary Crusher)</td>
<td>○</td>
<td>○</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>○</td>
</tr>
<tr>
<td>Crusher (Pulverizer)</td>
<td>○</td>
<td>○</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>○</td>
</tr>
<tr>
<td>Steel-frame Cutter</td>
<td>○</td>
<td>○</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>○</td>
</tr>
</tbody>
</table>
To keep your machine available and minimize operation cost when you need it, Komatsu Distributor is ready to provide a variety of supports before and after procuring the machine.

**Fleet recommendation**
Komatsu Distributor can study the customer’s job site and provide the most optimum fleet recommendation with detailed information to meet all of your application needs when you are considering to buy new machines or replace the existing ones from Komatsu.

**Product support**
Komatsu Distributor gives the proactive support and secures the quality of the machinery that will be delivered.

**Parts availability**
Komatsu Distributor is available for emergency inquiry by the customers for genuine, quality guaranteed Komatsu parts.

**Technical support**
Komatsu product support service (Technical support) is designed to help customer. Komatsu Distributor offers a variety of effective services to show how much Komatsu is dedicated to the maintenance and support of Komatsu machine.
- Preventive Maintenance (PM) clinic
- Oil & Wear analysis program

**Repair & maintenance service**
Komatsu Distributor offers quality repair and maintenance service to the customer, utilizing and promoting Komatsu developed programs.

**Komatsu Reman (Remanufactured) components**
Komatsu Reman products are the result of the implementation of the Komatsu global policy which establishes and agrees to reduce the owning, operating and total Life Cycle Costs (LCC) to Komatsu’s customer through high quality, prompt delivery and competitively priced in own remanufactured products (QDC).
**SPECIFICATIONS**

**ENGINE**

- **Model**: Komatsu 3D88E-6
- **Type**: Direct injection
- **Aspiration**: Natural
- **Number of cylinders**: 3
- **Bore**: 88 mm
- **Stroke**: 90 mm
- **Piston displacement**: 1.642 L
- **Engine**: Komatsu 3D88E-6
- **Type**: Direct injection
- **Aspiration**: Natural
- **Number of cylinders**: 3
- **Bore**: 88 mm
- **Stroke**: 90 mm
- **Piston displacement**: 1.642 L
- **Horsepower**:
  - **SAE J1995**: Gross 22.0 kW (29.5 HP)
  - **ISO 9249 / SAE J1349**: Net 21.4 kW (28.6 HP)
- **Rated rpm**: 2400 min⁻¹
- **Fan drive method for radiator cooling**: Mechanical
- **Governor**: All speed control, mechanical

**HYDRAULIC SYSTEM**

- **Type**: Hydraul Mind system
- **Main pump**:
  - **Type**:
    - **PC30MR-3**: Variable capacity x 1, gear x 1
    - **PC35MR-3**: Variable capacity x 2, gear x 1
- **Maximum flow**:
  - **PC30MR-3**: 69.8 x 1 + 19.8 L/min
  - **PC35MR-3**: 36.1 x 2 + 19.8 L/min
- **Hydraulic motors**:
  - **Travel**: Variable capacity x 2
  - **Swing**: Fixed capacity x 1
- **Relief valve setting**:
  - **Implement circuits**: 26.0 MPa 265 kgf/cm²
  - **Swing circuit**: 26.0 MPa 265 kgf/cm²
  - **Pilot circuit**: 2.9 MPa 30 kgf/cm²
- **Hydraulic cylinders**:
  - **(Number of cylinders – bore x stroke x rod diameter)**
    - **PC30MR-3**
      - **Boom**: 80 mm x 540 mm x 45 mm
      - **Arm**: 75 mm x 595 mm x 45 mm
      - **Bucket**: 65 mm x 490 mm x 40 mm
      - **Boom offset**: 80 mm x 500 mm x 40 mm
      - **Blade**: 85 mm x 135 mm x 45 mm
    - **PC35MR-3**
      - **Boom**: 80 mm x 585 mm x 45 mm
      - **Arm**: 75 mm x 595 mm x 45 mm
      - **Bucket**: 65 mm x 490 mm x 40 mm
      - **Boom offset**: 95 mm x 482 mm x 50 mm
      - **Blade**: 95 mm x 401 mm x 45 mm

**DRIVES AND BRAKES**

- **Steering control**: Two levers with pedals
- **Drive method**: Hydrostatic
- **Maximum drawbar pull**: 33.2 kN 3400 kgf
  - **PC30MR-3**: 33.2 kN 3400 kgf
  - **PC35MR-3**: 36.2 kN 3700 kgf
- **Maximum travel speed**:
  - **High**: 4.6 km/h
  - **Low**: 2.5 km/h
  - **PC30MR-3**: 4.6 km/h 2.5 km/h
  - **PC35MR-3**: 4.8 km/h 2.8 km/h
- **Service brake**: Hydraulic lock
- **Parking brake**: Mechanical disk brake

**SWING SYSTEM**

- **Drive method**: Fully hydrostatic drive
- **Swing reduction**: Planetary gear
- **Swing circle lubrication**: Planetary gear
- **Swing lock**: Mechanical disk brake
- **Swing speed**:
  - **PC30MR-3**: 9.3 min⁻¹
  - **PC35MR-3**: 9.0 min⁻¹

**UNDERCARRIAGE**

- **Track frame**: X-frame
- **Shoe type**: Box section
- **Track adjuster**: Hydraulic type
- **Number of shoes (Each side)**: 44 (steel)
- **Number of carrier rollers (Each side)**: 1
- **Number of track rollers (Each side)**: 4

**COOLANT AND LUBRICANT CAPACITY (REFILLING)**

- **Fuel tank**: 44 L
- **Engine**: 3.3 L
- **Final drive (Each side)**: 0.6 L
- **Hydraulic tank**: 14 L

**OPERATING WEIGHT (APPROXIMATE)**

<table>
<thead>
<tr>
<th>Shoes</th>
<th>Selection</th>
<th>Rubber shoes [kg]</th>
<th>Steel shoes [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width [mm]</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>Cab / Canopy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PC30MR-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ground Pressure [kgf/cm²]</td>
<td>0.31</td>
<td>0.30</td>
<td>0.32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shoes</th>
<th>Selection</th>
<th>Rubber shoes [kg]</th>
<th>Steel shoes [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width [mm]</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>Cab / Canopy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PC35MR-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ground Pressure [kgf/cm²]</td>
<td>0.37</td>
<td>0.36</td>
<td>0.38</td>
</tr>
</tbody>
</table>
**DIMENSIONS**

- **A** Overall length: 4560 mm, 4825 mm
- **B** Overall width: 1550 mm, 1740 mm
- **C** Overall height: 2520 mm, 2520 mm
- **D** Tail swing radius: 855 mm, 950 mm
- **E** Crawler length: 2105 mm, 2105 mm
- **F** Track gauge: 1250 mm, 1440 mm
- **G** Track shoe width: 300 mm, 300 mm
- **H/I** Boom swing angle deg.: LH80/RH50, LH75/RH55
- **J** Bucket offset LH: 580 mm, 580 mm
- **K** Bucket offset RH: 845 mm, 770 mm

**WORKING RANGE**

**Standard Arm Working Range**

- **a** Max. digging height: 4840 mm, 5000 mm
- **b** Max. dumping height: 3350 mm, 3530 mm
- **c** Max. digging depth: 2760 mm, 3110 mm
- **d** Max. vertical digging depth: 2400 mm, 2690 mm
- **e** Max. digging reach: 5050 mm, 5300 mm
- **f** Max. digging reach at ground level: 4910 mm, 5170 mm
- **g** Min. swing radius (When boom swing): 2055 mm (1560 mm), 2030 mm (1600 mm)
- **h** Max. blade lift: 360 mm, 360 mm
- **i** Max. blade depth: 310 mm, 390 mm

**Long Arm Working Range**

- **a** Max. digging height: 5070 mm, 5270 mm
- **b** Max. dumping height: 3580 mm, 3790 mm
- **c** Max. digging depth: 3130 mm, 3455 mm
- **d** Max. vertical digging depth: 2770 mm, 3120 mm
- **e** Max. digging reach: 5390 mm, 5640 mm
- **f** Max. digging reach at ground level: 5215 mm, 5520 mm
- **g** Min. swing radius (When boom swing): 2190 mm (1665 mm), 2140 mm (1710 mm)
- **h** Max. blade lift: 360 mm, 360 mm
- **i** Max. blade depth: 310 mm, 390 mm
LIFTING CAPACITY WITH LIFTING MODE

PC30/35MR-3

A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
*: Rating at maximum reach

<table>
<thead>
<tr>
<th>Arm length</th>
<th>2 m</th>
<th>3 m</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Front</td>
<td>Side</td>
<td>Front</td>
</tr>
<tr>
<td>1240 mm</td>
<td>3 m</td>
<td>*795</td>
<td>435</td>
</tr>
<tr>
<td></td>
<td>2 m</td>
<td>*1000</td>
<td>420</td>
</tr>
<tr>
<td></td>
<td>1 m</td>
<td>*1320</td>
<td>385</td>
</tr>
<tr>
<td></td>
<td>0 m</td>
<td>*2660</td>
<td>680</td>
</tr>
<tr>
<td></td>
<td>-1 m</td>
<td>*2140</td>
<td>695</td>
</tr>
<tr>
<td>1610 mm</td>
<td>0 m</td>
<td>*2820</td>
<td>670</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Arm length</th>
<th>2 m</th>
<th>3 m</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Front</td>
<td>Side</td>
<td>Front</td>
</tr>
<tr>
<td>1370 mm</td>
<td>3 m</td>
<td>*705</td>
<td>680</td>
</tr>
<tr>
<td></td>
<td>2 m</td>
<td>*960</td>
<td>655</td>
</tr>
<tr>
<td></td>
<td>1 m</td>
<td>*1290</td>
<td>610</td>
</tr>
<tr>
<td></td>
<td>0 m</td>
<td>*2610</td>
<td>1100</td>
</tr>
<tr>
<td></td>
<td>-1 m</td>
<td>*2245</td>
<td>1120</td>
</tr>
<tr>
<td>1720 mm</td>
<td>0 m</td>
<td>*2735</td>
<td>1085</td>
</tr>
</tbody>
</table>

*Load is limited by hydraulic capacity rather than tipping. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping load.

BUCKET LINEUP

■ Bucket Line-up

<table>
<thead>
<tr>
<th>Category</th>
<th>Capacity (m³)</th>
<th>Width (mm) Without side cutters</th>
<th>Weight (kg)</th>
<th>Teeth quantity</th>
<th>Tooth type</th>
<th>PC30MR-3</th>
<th>PC35MR-3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>With side cutters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Narrow digging</td>
<td>0.035</td>
<td>250</td>
<td>320</td>
<td>50</td>
<td>3</td>
<td>(O)</td>
<td>(O)</td>
</tr>
<tr>
<td></td>
<td>0.044</td>
<td>280</td>
<td>350</td>
<td>55</td>
<td>3</td>
<td>(O)</td>
<td>(O)</td>
</tr>
<tr>
<td></td>
<td>0.055</td>
<td>350</td>
<td>420</td>
<td>65</td>
<td>3</td>
<td>(O)</td>
<td>(O)</td>
</tr>
<tr>
<td>General digging</td>
<td>0.09</td>
<td>430</td>
<td>500</td>
<td>80</td>
<td>4</td>
<td>(O)</td>
<td>(O)</td>
</tr>
<tr>
<td></td>
<td>0.11</td>
<td>530</td>
<td>600</td>
<td>85</td>
<td>4</td>
<td>(O)</td>
<td>(O)</td>
</tr>
<tr>
<td></td>
<td>0.13</td>
<td>630</td>
<td>700</td>
<td>100</td>
<td>4</td>
<td>(O)</td>
<td>(O)</td>
</tr>
</tbody>
</table>

O : STD  (O) : Selectable
ENGINE:
- Dry type air cleaner, double element
- Engine, Komatsu 3D88E-6
- Fuel pre-filter (With water separator)
- Side-by-side cooling
- Wave fin radiator

ELECTRICAL SYSTEM:
- Automatic two-speed travel control
- Working lights

HYDRAULIC SYSTEM:
- Closed-center system with load-sensing
- PPC

GUARDS AND COVERS:
- Fan guard structure
- Thermal guard

OPERATOR ENVIRONMENT:
- Rear view mirrors (RH, LH)
- Right seat, reclining with wrist rests

OTHER EQUIPMENT:
- 300 mm rubber shoes
- Standard blade (weld edge type)
- Travel alarm

OPTIONAL EQUIPMENT
- 300 mm steel shoes
- Additional working light
- Air conditioner (A/C) (For cab)
- Cigarette lighter (For cab)
- Pattern change valve (ISO - Backhoe)
- Pattern change valve (ISO control pattern (ISO 10968))
- Radiator net
- Radio (For cab)
- Suspension seat, reclining with wrist rests
- ROPS (ISO 3471) & top guard cab with heater, front window washer/wiper, cup holder and ashtray
- Seat belt, 50 mm width

Shoe type

<table>
<thead>
<tr>
<th>STD</th>
<th>OPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 mm rubber shoes</td>
<td>300 mm steel shoes</td>
</tr>
</tbody>
</table>

Pattern change valve
Pattern change valve allows the operator to change easily between ISO control pattern (ISO 10968) or backhoe control pattern.

Optional blade
(Bolt on cutting edge (B.O.C.) type)