DCR22 Equipped with Tier IV EPA Compliant Engine.
DCR22 Down-the-Hole-Drill

The DCR22 has established itself as a reliable, productive resource for drilling operations around the world. These drills have been proven in soft, medium and hard rock conditions with multiple end-users and applications providing deep holes from 3.5” to 6.5” at fast drilling rates with low maintenance requirements.

Servicing the DCR22 is easy with access to all key components such as the engine, fluid levels and compressor through large panel doors located at ground level for maintenance when needed.

The cabs have been redesigned to provide operators maximum comfort with single-lever drilling controls, digital gauges, and superior views of drilling operation.

Maximize operator performance with the ultimate in ergonomic cab design.

When it comes to ergonomically-friendly cabs, Furukawa offers various options to minimize operator fatigue. Cabs are 43” wide (1,100 mm) with ROPS/FOPS. In addition, all cabs are air-conditioned and continuously pressurized with filtered air to maintain a comfortable operating environment. Other features include:

- Single-lever drilling control for easy operation.
- Finger-touch levers for smooth framing control.
- Large windows maximize operator visibility.
- All-in-One display allows operator to monitor machine functions and angle indicator for quick and easy drilling alignment while remaining focused on the drilling.
- Walk-around ground level maintenance provides fast, easy upkeep or repair.
- Rubber-mounted engine frame isolates cab from engine vibrations.
- Bluetooth Player/Sirius XM Radio is standard.

Combining performance and economy.

- Angle indicator for quick and easy drilling alignment.
- Drill hole diameter 3.5” - 6.5”.
- Reliable dust control system increases suction capacity and provides effective pre-cleaning to reduce the escape of drilling dust. An optional dust suppression system is available for difficult drilling conditions.
- Advanced rotary pipe changer allows easy drill pipe changes.
- High-output compressor increases flushing air, provides faster drilling and decreases bit wear.

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Low-emission, Tier IV Caterpillar® engine offers low fuel consumption at 440hp and meets US Tier IV exhaust emissions regulations.

Hoses and wiring are placed in a compact and efficient routing design for more protection, less wear and easy replacement.

Drill pipe changer equipped with electronic sensors that speeds up pipe addition and extraction.

Heavy-duty undercarriage with low center of gravity – featuring a pentagonal section design to reduce dirt build-up and track wear – ensures strength, durability and stability.

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**DCR22 Dimensions and Weight**

<table>
<thead>
<tr>
<th></th>
<th>US Standard</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Weight (A)</td>
<td>56,218 lb</td>
<td>25,500 kg</td>
</tr>
<tr>
<td>Overall Weight (B)</td>
<td>56,422 lb</td>
<td>26,000 kg</td>
</tr>
<tr>
<td>Overall Length</td>
<td>39' 2&quot;</td>
<td>11,935 mm</td>
</tr>
<tr>
<td>Shipping Length</td>
<td>38' 5&quot;</td>
<td>11,771 mm</td>
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<tr>
<td>Overall Width</td>
<td>14' 3&quot;</td>
<td>4,335 mm</td>
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<tr>
<td>Shipping Width</td>
<td>8' 10&quot;</td>
<td>2,700 mm</td>
</tr>
<tr>
<td>Overall Height</td>
<td>15' 7&quot;</td>
<td>4,750 mm</td>
</tr>
<tr>
<td>Shipping Height (A)</td>
<td>12' 3&quot;</td>
<td>3,742 mm</td>
</tr>
<tr>
<td>Shipping Height (B)</td>
<td>12'</td>
<td>3,652 mm</td>
</tr>
</tbody>
</table>

**Model**
- DOWMAX/ME350

**Drill Motor**
- Maximum Torque: 3,098 lb-force-ft (4.2 KN-m)
- Rotating Speed: 0 - 120 rpm (0 - 120 min⁻¹)
- Track Length: 12' 0" (3,708 mm)
- Track Length on Ground: 9' 9" (2,980 mm)
- Track Width: 1' 1" (330 mm)
- Ground Contact Pressure (A): 18.4 psi (127 kPa)
- Ground Clearance: 1' 7" (475 mm)
- Frame Oscillation Angle: ±7.5°
- Trimming Speed: 0 - 2.2 mph (0 - 3.5 km/h)
- Gradeability: 46.6% (25°)

**Engine**
- Make & Model: CAT® C13 (Tier4 Final, Stage IV)
- Type: Diesel, Water-Cooled, 6 Cylinders
- Piston Displacement: 762 cu in (12.5 L)
- Power Output: 440 hp / 2,000 rpm (328 kW / 2,000 min⁻¹)
- Fuel Capacity: 216.6 gal (820 L)
- DEF Capacity: 9.0 gal (34 L)

**Undercarriage**
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