This Drill is Equipped with Tier IV EPA Compliant Engine
Maximize operator performance with the ultimate in ergonomic cab designs.

HCR1450-EDII cabs are ergonomically friendly with features that reduce operator fatigue. Cab is 43” (1,100mm) with ROPS/FOPS standard. In addition, all cabs are air-conditioned and continuously pressurized with filtered air to maintain a comfortable operating environment. Other features include:

- Rubber-mounted engine frame isolates cab from engine vibrations.
- Single-lever drilling control for easy operation.
- Large windows maximize operator visibility.
- Walk-around ground level maintenance provides fast, easy upkeep or repair.
- All-In-One display allows operator to monitor machine functions while remaining focused on the drilling.

Drill faster and straighter with the HD828S drifter.

The Furukawa HD828S drifter combines powerful penetration with agility and easy operation. Equipped with features that maximize efficiency, the HD828S drifter sets the standard in high-performance drilling:

- Dual damper system maximizes energy transfer to produce straighter holes. The system automatically tunes the drifter for maximum performance regardless of the rock condition.
- Integrated drilling system is comprised of all-hydraulic controls and a reactive damper control system, which work together to accommodate changing rock conditions. The hydraulic controls automatically adjust impact and feed force, while the damper control system regulates pressure based on rock hardness.

Innovative Features For Higher Performance

Managing fuel savings.

With FRD’s TFSS (total fuel savings system), the operator selects the optimum engine speed for the application, allowing all fuel savings functions to be automatically managed during drilling operation.

Combining performance and economy.

Combining performance and economy, the HCR1450-EDII is the perfect drill for quarries or construction sites. Simple, durable and efficient, the HCR1450-EDII with extendable boom incorporates a self-adjusting drill system that ensures high productivity no matter what the drilling situation. By automatically controlling the impact force, feed force, rotation force and dual damper pressure, the HCR1450-EDII continuously adapts to the changing rock conditions, increasing drilling performance and the life of drill tools while decreasing fuel consumption.

Added features bring versatility.

- Low-emission Tier IV engines offer low fuel consumption and meets US exhaust emissions regulations.
- Advanced rotary rod changer allows easy drill rod changes. Operators can add and remove rods using a single lever.
- HCR1450-EDII features 12’ rods with extendable boom for increased drill pattern.
- Heavy-duty undercarriage – featuring a pentagonal section design to reduce dirt build-up and track wear – ensures strength and durability.
- High-output compressor increases flushing air, provides faster drilling and decreases bit wear.
- Reliable dust control system increases suction capacity and provides effective pre-cleaner to reduce escape of drilling dust. An optional dust suppression system is available for difficult drilling conditions.

Options available:
- 2D/3D angle indicator.
- Water dust suppression.
- Heavy-duty rear-mounted bumper.
- Cold-start kit.
- Rear camera.

Reliable dust control system.
HCR1450 Series II

<table>
<thead>
<tr>
<th>US Standard</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Weight (A)</td>
<td>36,288 lb</td>
</tr>
<tr>
<td>Overall Weight (B)</td>
<td>37,633 lb</td>
</tr>
<tr>
<td>Travel Speed</td>
<td>0-2.3 mph</td>
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<tr>
<td>Maximum Traction Force</td>
<td>22,144 lb-force</td>
</tr>
<tr>
<td>Maximum Grade of Hill Climb</td>
<td>57.7% (30 deg)</td>
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<tr>
<td>Oscillating Angle</td>
<td>+8.6 deg</td>
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<tr>
<td>Ground Contact Pressure</td>
<td>12.8 psi</td>
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<tr>
<td>Travel Speed</td>
<td>0-2.3 mph</td>
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<tr>
<td>Number of Revolutions</td>
<td>0-190 rpm</td>
</tr>
</tbody>
</table>

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Furukawa’s policy is one of continual improvement. Specifications may change between printing.