

## Used machinery exposé

## Furukawa HCR1600 ED

Stand 05/2026



<b>Brand / Manufacturer</b>	<b>Furukawa</b>
<b>Model / Series</b>	<b>HCR 1600 ED</b>
<b>Serial number</b>	<b>1790100013</b>
<b>Engine serial number</b>	<b>D9N05490</b>
<b>Engine model CAT C 9.3</b>	
<b>Operating hours counter</b>	<b>8942,2 h</b>
<b>Hammer hour meter</b>	<b>3563,8 h</b>
<b>Year of construction</b>	<b>2016</b>
<b>Price</b>	<b>€115,000 net</b>

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#### Technical data:

Total weight 18200 kg  
Total length 10110 mm  
Total width of drilling position 3720 mm  
Total width in transport position: 2380 mm  
Total height in transport position 3325 mm

#### Chassis: Track

length 2780 mm, track width  
330 mm, ground clearance  
565 mm, chassis oscillation  
range  $\pm 7.5^\circ$ , maximum driving speed  $\pm$   
0-4.2 km/h

#### Furukawa HD 828 II hydraulic rotary hammer with recoil mechanism

Weight 304 kg  
Stroke rate 2700-3300 1/min  
Speed 0-150 rpm

#### Diesel engine:

Engine type Cat C9.3 Water-cooled Tier4i Rated power  
261 kW Speed 1600-2200  
rpm Displacement 8.8 liters. Further  
technical data can be found in the  
data sheet.

Diesel capacity 650 liters.

#### Compressor:

Manufacturer Airman,  
Type PDSF 290-S15B, Air  
output 13.5 m<sup>3</sup>  
Maximum working pressure 10.3 bar.  
Hydraulic drive: Variable  
double axial piston pump for travel and drilling. Three gear pumps for dust  
extraction system, arm movements + rod magazine.

#### Boom arm:

Model JE 326-142  
Arm movement right-left 38-7 degrees  
Arm movement up-down 45-20 degrees  
Telescopic stroke drill arm 900 mm  
Carriage rotation 90 degrees

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**gun carriage:**

Modell GH831-41  
Total length 8000 mm  
Carriage length 4520 mm  
Anchoring stroke 1500 mm, swivel right-  
left 38 - 38 degrees  
Tilt angle 170 degrees  
Tensile force 31 kN

**Dust extraction system:**

Suction capacity 40 m<sup>3</sup>/min  
Swiveling precyclone  
Hose diameter 150 mm  
Automatic pulse generator  
Extraction hood up/down 300 mm

**Bar magazine:** Bar

capacity 6 + 1 or 8 + 1; Maximum drilling depth  
approx. 25 m or 32 m.  
Boring rod diameter T51 mm, automatic rod  
lubrication, rod length 3.66 m.

Starting pole length 4.33 mtr.  
Drill bits Ø 89-127 mm, 24-volt  
electrical system, 4  
work lamps 24 volts 70 watts

**User-friendly cab:** Clearly legible

instruments. The hydraulic and pneumatic pressure control instruments, mounted on the right side of the frame, allow the operator to see the machine functions at a glance without distraction, enabling them to continue observing the drilling process.

Diesel pump PB 24-40 24 Volt 50 L/min suction capacity

Reinforcement plate HCR 1200/1400/1450/1500/1600 for  
Store

Star Rubber 8-bar magazine HCR

Central lubrication system

Water injection system HCR1400-1450-1600 - 250 ltr.

2D machine-guided GPS system for drilling

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**Machine history / Service record:**

All machine maintenance was carried out according to the manufacturer's maintenance schedule.

Last engine oil change including filter in April 2025 at 8750 hours.

May 2025 Diesel particulate filter regeneration

June 2025 last air conditioning service

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#### Description of machine

The drilling rig is in good, well-maintained used condition and ready for use.  
The machine has no error messages.  
The drilling rig is dry.



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**Deficiencies:**

Right side flap: Damage in the upper area (see image on the left)  
Central lubrication reservoir lid defective (see picture on the right)

