



# *Caisson Consultant Inc.* *Used Equipment for Sale*

## **2008 Hutte 205 GT Anchor/Geothermal Drill**

- Equipped with Double Rotary Head
- ONLY 83.5 Hours was purchased for a project but never got used.
- Machine was worth over 750,000.00 New
- Full Details attached.

Asking Price:  
FOB

**\$295,000.00 CAD**  
Alberta, Canada



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## Hütte Hydraulic Crawler Drill Rig Type: HBR205GT

Serial number: H205ZO0148

The crawler drill rig type Hütte HBR 205 GT is composed of:

Basic machine:

Base frame with hydraulic oil tank capacity 650 l and diesel tank capacity 400 l as well as reception for diesel engine and crawler frames.

4 hydraulic stabilizers (2 in front and 2 in the rear) integrated in the overall width of undercarriage.

Deutz diesel engine type TCD 2012 L06 2V, water cooled, turbocharged, rated power (ISO 14396)  $p = 147 \text{ kW}$  (200 HP) at  $n = 2300 \text{ U/min.}$  (2300 rpm),

emissions certified EPA/COM III.

Sound-proof cover with modern and strong grips and wide dimensioned slewing doors allowing an easy access for maintenance and control purposes.

Electric system: 24 Volt, 120 Ah.

Operator friendly mast set-up kinematics, pairs of cylinders in front of the

hydraulic tank to raise/lower counter-mast, this last is provided with mast

displacement cylinder. Max. mast forward rake  $5^\circ$ .

Tow hook.

Crawler tracks mounted on base frame.

Crawler chassis with steel plates.

- Overall width: 2500 mm;
- Overall tracks length: 3073 mm;
- Traveling speed: 1,81 km/h;
- 3-web track shoes (steel) width: 500 mm;
- traction force: 103 kN.

### **Load-Sensing hydraulic system.**

Main pumps, capacity  $2 \times Q = 218 \text{ l/min.}$ , max. working pressure 250 bar, for

tracking, rotation/percussion drill head/s, feed/retraction, service winch, clamps, stabilizers, all cylinders for positioning functions, optional foam pump.

Auxiliary pumps, capacity  $170 + 38 + 38 \text{ l/min.}$  for heat exchanger.

Auxiliary pump, capacity 122 l/min. for water pump.

## **Radio controls for all positioning and drilling operations.**

Drill mast type Hütte DM 300 6435/4300-2:

Drill mast including laterally mounted hose guide chain and feed cylinder.

Basic mast length: 6435 mm;

Feed length with double rotary drives: 4300 mm;

Feed force: 100 kN;

Retraction force: 200 kN;

Feed speed (fast): 12 (50) m/min.;

Retraction speed (fast): 6 (25) m/min.

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### **Hütte rotary drive HG 24 (casing rotation):**

Driven by three (3) hydraulic motors.

- torque: Mmax. 26,4 kNm;

- rotation speed: nmax. 58 U/min. (58 rpm).

### **Hütte rotary drive HG 12 (drill rods rotation):**

Driven by two (2) hydraulic motors with rear mounted 2" air or water swivel.

- torque: Mmax. 12,7 kNm;

- rotation speed: nmax. 102 U/min. (102 rpm).

### **Two (2) independent rotary drive slides.**

With low maintenance glide slide, off-hole capability having 575 mm stroke and displacement capability having stroke 350 mm.

### **Clamping & breaking device type Hütte CB2-1:**

With swiveling centering chucks, self-aligning jaws, Ø range 68 ÷ 254 mm and one (1) set of reducers Ø 76 mm. Clamping force 196 kN. Break-out torque 210 kNm

### **Additional clamping device type Hütte CB2-1.**

### **Hydraulic service winch type A2.**

Max. capacity 20 kN.

Cathead with telescopic extension having max. stroke 1000 mm and 40° lateral swing capability (right-hand for box magazine).

Water pump type Gamma 202.

- flow Qmax. = 200 l/min.;

- pressure pmax. = 40 bar.

**On-board rod/casing box magazine with radio controlled magnet handling system.**

Capacity:

- 15 casings Ø 152,4 mm, L = 3000 mm;

- 28 rods Ø 88,9 mm, L = 3000 mm.

24 l oiler.

Kit valves 2" + 2".

Work lights on mast.

Tool box.

Painting: Hütte blue RAL 5010.