

1.General Machine Information

Manufacturer:

BAUER

Model:

BG 42 (on BT 110 Base Carrier)

Year of manufacture :

2021

Serial / chassis number :

#5283

Country & site location of the machine:

China

Current working hours (engine hours):

5491.5h

Configuration (Kelly drilling / CFA / displacement / mixed)

Kelly drilling

2. Technical Specifications

Operating weight:

122,500 kg [Nameplate];

Max approx. 140–150 t depending on tools

Engine type and power (CAT / MTU – kW / HP)

Volvo TAD 13 VE, 345 kW (469 HP)

Max drilling depth

The maximum drilling depth in the specification sheet is 115m, while the Kelly bar configuration of this machine can reach up to 80m.

Max drilling diameter:

3000mm

Max torque :

420kNm

Mast type and length:

Square cross-section mast;

Max height 33.3 m

Two crowding methods are available: the original cylinder crowd and the added winch crowd. Users can switch between them according to their needs.

Cylinder crowd force / pull-down force:

Pulling 600 kN; Pushing 205 kN

Cylinder stroke:

8.5m

Winch crowd force / pull-down force:

Pulling 600 kN; Pushing 600 kN

Winch crowd stroke:

10/16m (Customizable)

Winch capacities (main & auxiliary):

Main 410 kN; Auxiliary 100 kN

Undercarriage type (crawler width, transport width):

UW125 B7; Overall width 3,380 mm (retracted) / 4,780 mm (extended)

3. Included Equipment & Attachments

Kelly bars (type, length, friction/interlocking)

Interlocking Kelly bar 560-4×22 is available in stock (can be modified according to user requirements)

Rotary drive type:

KDK 420 K

Drilling tools (augers, buckets, core barrels):

None(To be prepared by the user)

Hydraulic grabs or oscillators (if applicable):

Compatible with BV oscillators(None)

Counterweights (standard or reduced):

29.4t

Additional tooling or accessories:

B-Tronic monitoring system

4. Machine Condition

Overall condition (Excellent / Good / Fair):

Excellent (Based on 2021 year of manufacture)

Engine condition (oil consumption, leaks):

Excellent, no oil burning, no oil leakage or seepage, pure

soundHydraulic system condition

Rotary drive condition:

Excellent, Original parts only, no replacements have been made

Mast, crowd system & winches:

Excellent, Original parts only, no replacements have been made

Undercarriage wear (% remaining):

Estimated remaining service life $\geq$ 90%

Structural condition (cracks, weld repairs):

The machine, manufactured in 2021, has no welding or repair history and is free from cracks.

Recent inspections or load tests:

To Be Confirmed

5. Maintenance & Service History

Full service records available (Yes / No):

To Be Confirmed

Last major overhaul (engine / hydraulics / rotary):

None (relatively new machine)

Last Bauer or authorized dealer service:

To Be Confirmed

Compliance with manufacturer maintenance intervals:

To Be Confirmed

6. Certification & Compliance

CE conformity (for EU):

No

Load charts:

To Be Confirmed

Operating & maintenance manuals:

To Be Confirmed

Spare parts catalog:

To Be Confirmed

Inspection certificates (if required):

To Be Confirmed

7. Commercial Details

Price (currency):

USD 758,000

Incoterms (EXW / FOB / CIF / DAP / DDP):

FOB Shanghai Port

Delivery location:

China

Availability / lead time:

In stock; on-site inspection available at any time. Converting to Winch crowd will take an additional 20-30 days.

Validity of the quotation:

7 days

Payment terms:

By T/T, Prepay Prepay USD 715,300 (this is the payment for the original rig equipped with cylinder crowd), after payment our factory will start the Winch crowd modification. Once the modification and commission is completed, the remaining balance of USD 42,700 shall be paid before the goods are delivered to the port.

Warranty (if any):

The newly added wire rope and winch (installed during the modification) are covered by a 1-year warranty; no warranty is provided for other components.

Optional commissioning or operator training:

None

8. Transport & Logistics (if applicable)**Transport dimensions & weight:**

Refer to the profile of BAUER BG42

Disassembly required (mast, counterweights):

Mast section, counterweights, and Kelly bar

Shipping method (RORO / flat rack / breakbulk):

None

Export packing / lashing included or not:

None

9. Optional Extras

Spare parts package:

None

On-site commissioning:

None

Operator training:

None

Service support contract:

None

Remote diagnostics / telematics:

Bauer DTR (Data Transfer and Remote)

If you want, I can:

Prepare a ready-to-send quotation template (Word / Excel)

Adapt this list for sale, rental, or long-term lease

Draft a technical data sheet specifically for BG 42