

Quotation

Metal Detector Barrier-409

No Q011126, 11 January 2026



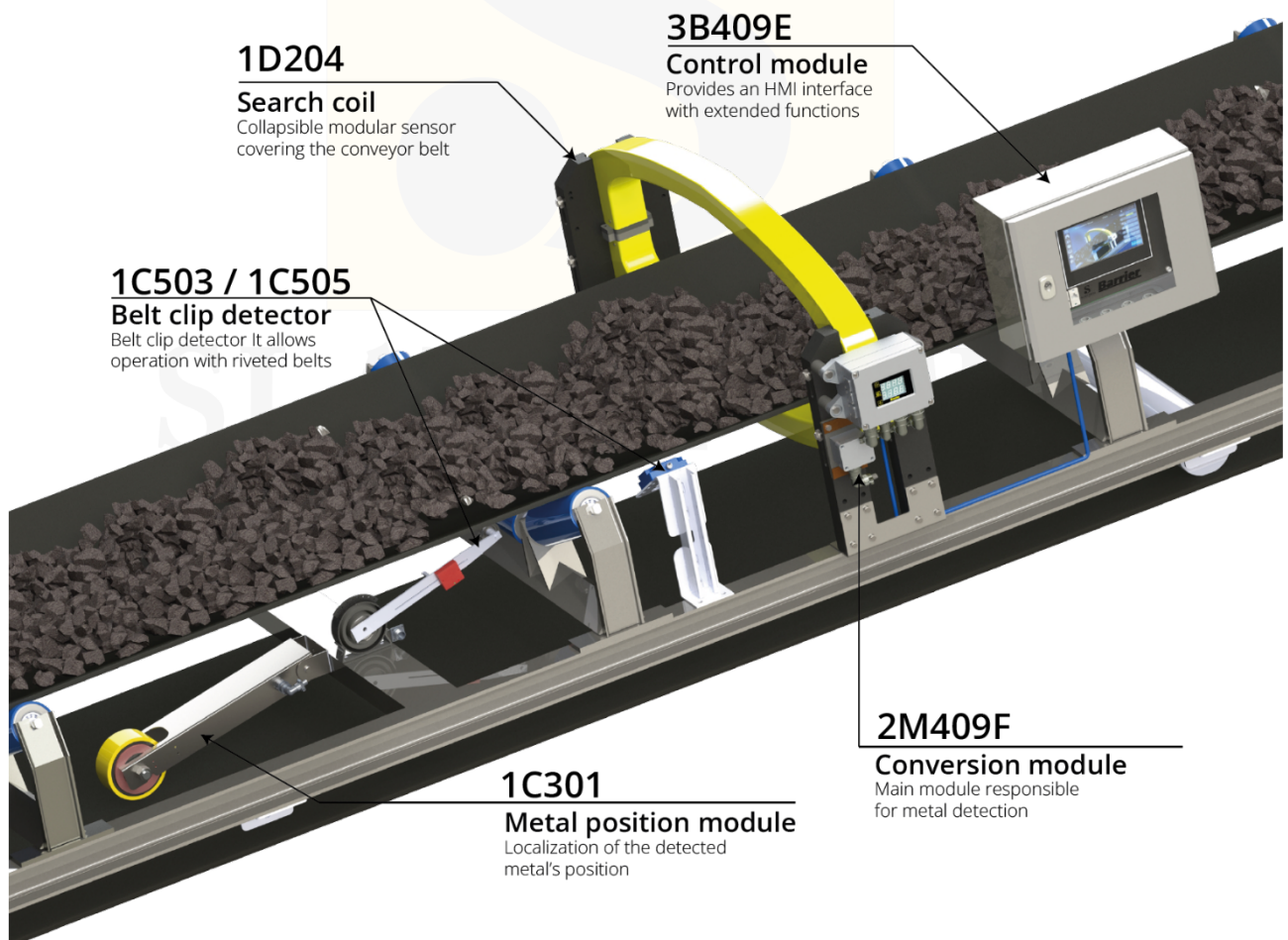
SLAVUTYCH
TECHNOLOGY

Customer: *PRISMA*
Contact: *Arik*
Project:

Dear *Arik*

We thank you very much for your inquiry and are glad to quote for you as follows:

1. Construction



Slavutych Technology Sp. z o.o.

42/B3 Wielicka Street
30-552 Cracow, Poland
+48 514 066 113

NIP: 6793256446
REGON: 524025537

office@slavutich-technology.com

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2. General information and sales quotation

- Detection tramp metal by length and/or size
- Detection in magnetic iron ore flow (only for FE model)
- Detection of manganese steel
- Operates on steel-cord conveyor belts (only for FE model)
- Indicating of size, length and location of the detected metal
- Operation during welding (only for FE model)
- Remote diagnostics and configuration via VNC server
- Extended diagnostic capabilities (Real-time data analyzer)
- Ethernet (Modbus TCP) / RS-485 (Modbus RTU)
- Control of operator actions (Event log)
- Data export to USB
- Software update via USB
- User access restriction

In case of need, our specialists have the capability to carry out remote initial setup and configuration of the metal detector via the internet (VNC), eliminating the necessity for on-site visits.

For non-ore applications

| Item No | Item | Unit | Qty | Distributor price (EUR) | List price (EUR) |
|-----------|--|------|-----|-------------------------|------------------|
| 1) | Metal Detector BARRIER-409AE-800 | | | | |
| | (configuration consist of: Conversion module 2M409A Conveyor search coil 1D204-800 Control module 3B409E Junction box. 1C008 Connection cable IF4.855.137-10) | pcs. | 1 | 12 370,00 | 15 480,00 |

For ore applications

| Item No | Item | Unit | Qty | Distributor price (EUR) | List price (EUR) |
|-----------|--|------|-----|-------------------------|------------------|
| 1) | Metal Detector BARRIER-409FE-800 | | | | |
| | (configuration consist of: Conversion module 2M409F Conveyor search coil 1D204-800 Control module 3B409E Junction box. 1C008 Connection cable IF4.855.137-10) | pcs. | 1 | 15 070,00 | 18 860,00 |

- 2.1. Shipping Terms: **EXW** Krakow (Poland)
 2.2. Production lead time: 60 days
 2.3. Warranty: 2 years from start-up but no later than 30 months from delivery
 2.4. Payment: 100% prepayment

3. Features

- 3.1. Detectable metals: FE, non-FE, manganese steel
 3.2. Operation on steel cord belts (only for FE model)
 3.3. Detection on riveted belts.

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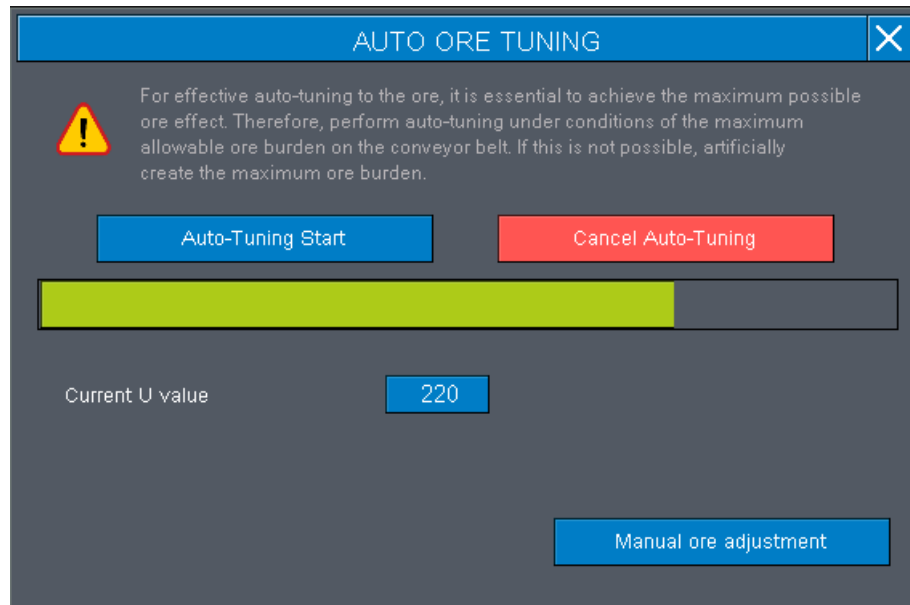
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3.4. Operation with highly mineralized or magnetic ores (iron ore, copper ore etc.) (only for FE model)

3.5. Reduced downtime of the conveyor when searching for metal, provides the operator with information about the size, length and **location of the metal**. In case when several fragments are detected – indicator of the 2M409 and 3B409E module displays their total volume. This feature eliminates metal skipping when searching for it, if there are several metal fragments on one section of the belt, and some of them are under the ore. (requires 1C301 module)



3.6. Event log. It is carried out based on the results of analysing the data of the event log and allows you to reliably establish the effectiveness of metal detection with the ability to save data to a USB drive.

The event log captures events such as:

- Beginning / end of ore;
- Start / stop the conveyor;
- Detected metal <size>, <length>, <distance>;
- Parameter change by user N;
- The metal detector is deliberately disconnected from the conveyor blocking system.

| EVENT JOURNAL | | | | | Engineer | LEVEL | 100 | 12:41:40 12.04.2021 |
|-------------------|--|-------|---------------------------------------|--|----------|-------|-----|------------------------|
| EVENTTIME | | LEVEL | DESCRIPTION | | | | | |
| 12.04.21 12:41:37 | | 0 | The end of the ore | | | | | |
| 12.04.21 12:41:35 | | 0 | CONVEYOR BLOCKERROR | | | | | |
| 12.04.21 12:41:34 | | 0 | Metal detection, size - 1470 | | | | | |
| 12.04.21 12:41:34 | | 0 | Distance to metal - 12 | | | | | |
| 12.04.21 12:41:34 | | 0 | Length - 8 | | | | | |
| 12.04.21 12:41:34 | | 0 | The beginning of the ore | | | | | |
| 12.04.21 12:35:56 | | 0 | Parameter Ore_level changed 50(Old:0) | | | | | |
| 12.04.21 12:35:53 | | 0 | Parameter U changed 220(Old:0) | | | | | |
| 12.04.21 12:35:43 | | 0 | Start the conveyor | | | | | |
| 12.04.21 12:35:43 | | 0 | Conveyor stop | | | | | |
| 12.04.21 12:35:43 | | 0 | Start the conveyor | | | | | |
| 12.04.21 12:35:43 | | 0 | Conveyor stop | | | | | |
| 12.04.21 12:35:30 | | 0 | The end of the ore | | | | | |
| 12.04.21 12:35:28 | | | PLC turned on | | | | | |
| 12.04.21 12:35:28 | | | PLC turned off | | | | | |
| 12.04.21 12:35:28 | | 0 | No CAN communication | | | | | |
| 12.04.21 12:35:28 | | | PLC turned on | | | | | |

3.7. Ore autotune. (only for FE model)

3.8. Belt clip autotune.

3.9. Sensitivity autotune.

3.10. Autocorrection of settings during ore properties change

3.11. Metal Detector's networking capabilities by the Modbus RTU/TCP protocol to organize data collection from all metal detectors.

3.12. Multi-language interface: English / Polish / German / Dutch / Spanish / Portuguese

4. Warranty

- 4.1. The manufacturer guarantees the conformity of the produced metal detectors with the requirements of the technical specifications, provided that the consumer observes the conditions and rules for operation, maintenance, storage and transportation established by the operational documentation.
- 4.2. Operation warranty period of operation - 24 months from the date of putting the metal detector into operation, but not more than 30 months from the date of receipt by the consumer.
- 4.3. Operation warranty period is extended for the period from the filing of complaints to the commissioning of the metal detector.

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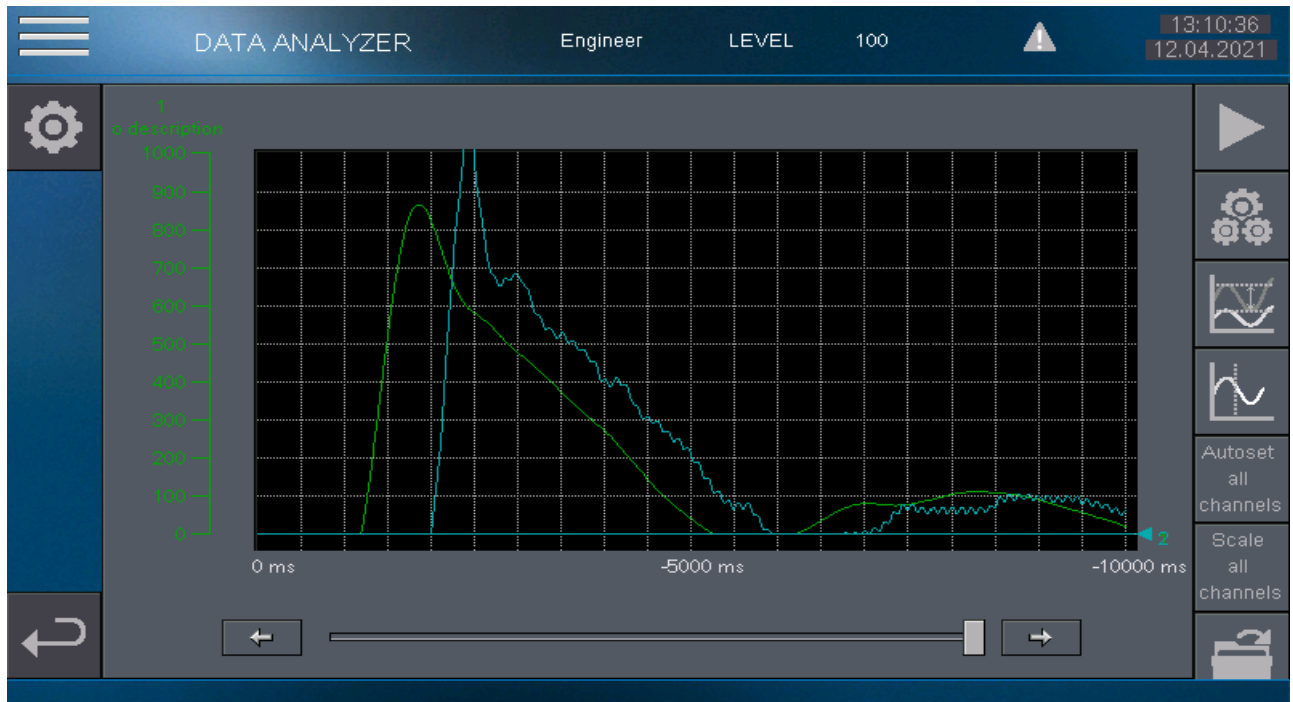
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5. Service

5.1. The "Data Analyzer" function of the 3B309E control module allows you to view signals in real time, which greatly simplifies remote diagnostics of the metal detector "Barrier". Also diagnostics can be performed remotely via the built-in VNC server.



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