

TRACTO

GRUNDODRILL JCS300
FLUID-ASSISTED HDD RIG
LONG-DISTANCE HERO

A large, black, tracked drilling rig with a white drill pipe extending from the front. The rig has "TRACTO" and "GRUNDODRILL JCS300" written on its side. A blue circular graphic is overlaid on the rig, containing the text "PREMIERE BAUMA 2025".

**PREMIERE
BAUMA
2025**

ADVANCED TRENCHLESS TECHNOLOGY

GRUNDODRILL JCS300

LONG-DISTANCE HERO

GRUNDODRILL
JCS300



TRACTO.COM/EN/
PRODUCTS/
GRUNDODRILL-JCS300

The new GRUNDODRILL JCS300 is a state-of-the-art 300-kN jet drilling rig with the largest rod magazine in its class. The precisely steerable rig is equipped with 70 rods, each 4.5 m long, for particularly long, reproducible bores. Up to six additional rods can be reloaded simultaneously.

MAXIMUM EFFICIENCY

Various serial assistance systems, including fully automatic drilling, rod handling and rod lubrication, ensure maximum efficiency for drilling projects – with mud motor even in rock. An optimised system for cable-guided drilling is optionally

available. The efficient, low-wear Bentonite pump is ideally suited for continuous use in the recycling circuit.

MAXIMUM OPERATING COMFORT

Thanks to mobile HMI, the GRUNDODRILL JCS300 can be operated from the cabin or remotely in difficult situations. The high-quality equipment of the air-conditioned comfort cabin enables fatigue-free working even over long drilling distances. Digital tools for drilling data acquisition and fleet management simplify the documentation and organisation of all drilling projects.

| TECHNICAL DATA | DRILL RODS EL D104 |
|---|--------------------------|
| Pulling force Thrust force | 300 kN |
| Max. Torque | 13.000 Nm |
| Max. spindle speed | 200 min ⁻¹ |
| HD Bentonite pump | 750 l min ⁻¹ |
| Bentonite pressure | 60 bar |
| Rod magazine capacity | 315 m |
| Linkage weight | 88 kg |
| Effective Rod length | 4.5 m |
| Rod diameter Ø | 104 mm |
| Min. drilling radius | 70 m |
| L x W x H (transport position) | 8,650 x 2,550 x 3,200 mm |
| L x W x H (working position with swivelled out cabin) | 9,840 x 3,223 x 4,850 mm |
| Weight | 23,500 kg |
| Drive motor/engine manufacturer | Cummins |
| Engine type | B6.7-C310 |
| Exhaust emission standard | Stage V |
| Max. Engine power | 231 kW |
| Fuel tank capacity | 295 l |
| Angle of inclination | 0 - 23° |

Subject to change

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ADVANCED TRENCHLESS TECHNOLOGY

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