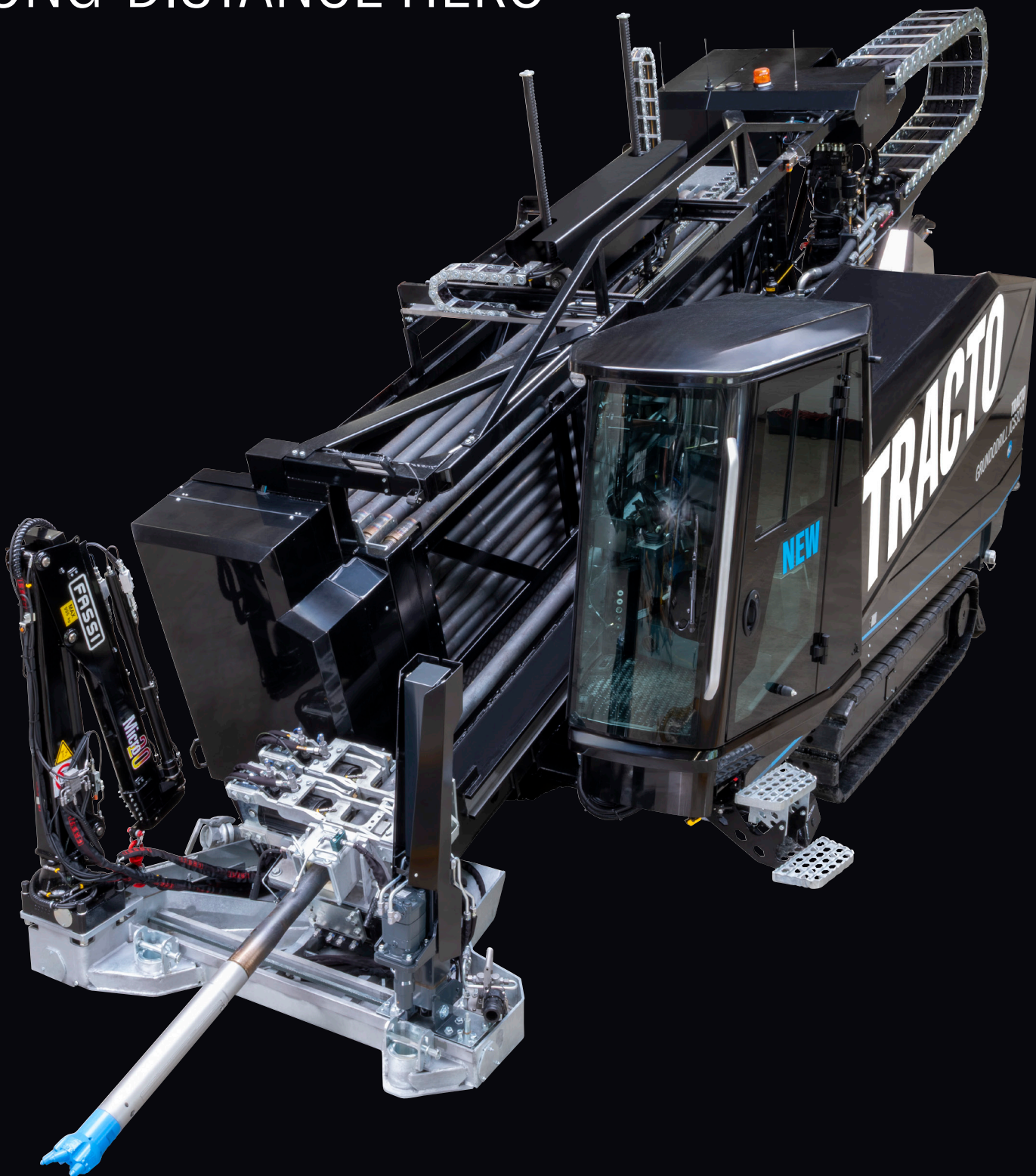


TRACTO

GRUNDODRILL JCS300
FLUID-ASSISTED HDD RIG
LONG-DISTANCE HERO



ADVANCED TRENCHLESS TECHNOLOGY

GRUNDODRILL JCS300 LONG-DISTANCE HERO

More about
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 HDD rig is equipped with 70 drill 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
Delivery rate HD Bentonite pump	750 l min ⁻¹
Bentonite pressure	60 bar
Rod magazine capacity	315 m
Rod weight	98 kg
Effective rod length	4.500 mm
Number of rods	70 pcs
Rod diameter	104 mm
Min. drilling radius	70 m
L x W x H (transport position)	8.630 - 8.760 x 2.550 x 3.205 - 2.980 mm
L x W x H (working position with swivelled in cabin)	9.050 x 2.550 x 4.370 mm
L x W x H (working position with swivelled out cabin)	9.050 x 3.220 x 4.370 mm
Weight	23.600 kg
Drive engine/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 - 29°
Max. driving speed 2-stage:	2,3 / 3,6 km h ⁻¹

Subject to change

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