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HEADQUARTERS**

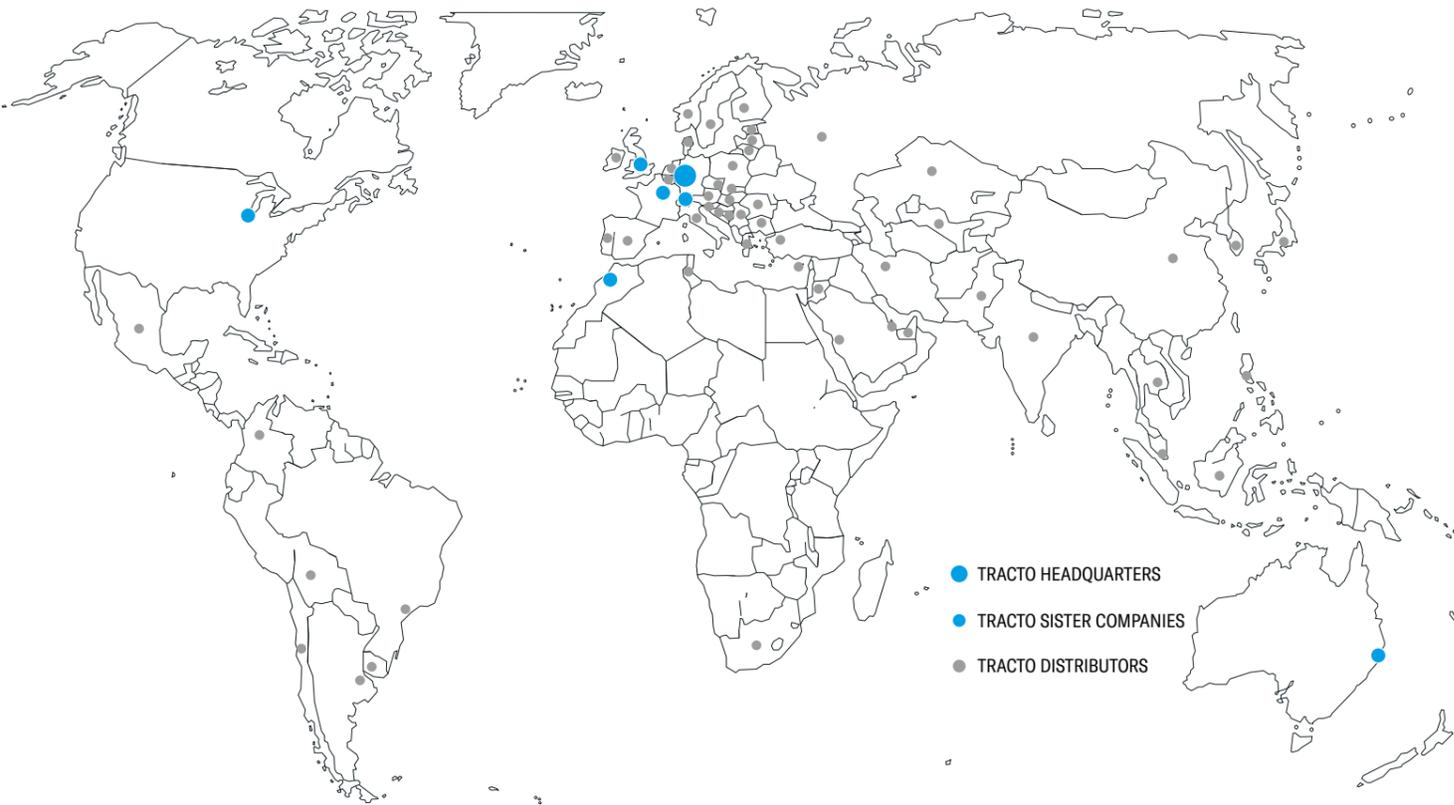
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# TRACTO

## GRUNDODRILL ACS300 ROCK DRILLING HDD RIG PREMIER LEAGUE



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### TRACTO ADVANCED TRENCHLESS TECHNOLOGY

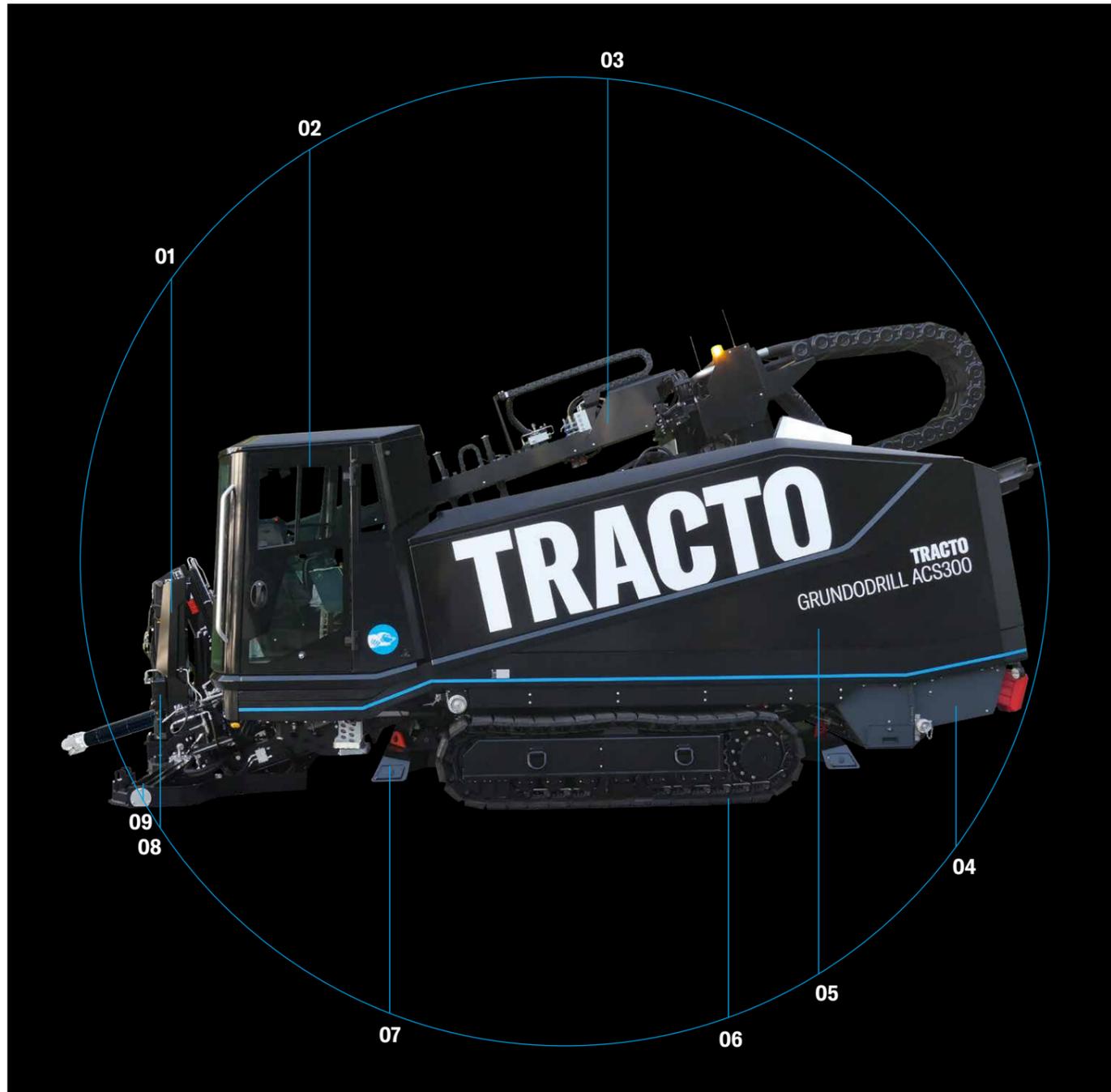
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TRACTO PARTNER:

DR18ENV01\_09/2022

### ADVANCED TRENCHLESS TECHNOLOGY

## OVERVIEW



**01 Hydraulic loading crane** for self-sufficient handling of additional drill rod boxes, single drill rods and drilling accessories

**02 Vibration-cushioned comfort cabin** with various equipment highlights, such as automatic air conditioning and an electrical swivelling mechanism

**03 Optimal drill rod handling with crane and fully automatic drill rod change-over** for twin-tube drill rods. Fast attachment of an additional drill rod box with automatic loading with drill rod crane

**04 Fresh water tank with high-pressure cleaner** to clean the drill rods and the drill rig

**05 Significantly increased rotation and rinsing capacities** combined with the highest drive capacity in this class enables an immense productivity increase in any geology

**06 Broad undercarriage** with rubberised steel tracks

**07 Stabilisers** for perfect alignment and positioning of the drill rig on the jobsite

**08 Anchoring system** for perfect anchoring of the drill rig on the jobsite

**09 Anchor plate with mud pump** as Bentonite collecting tray for a clean jobsite

## VARIANTS



### TECHNICAL DATA

DRILL ROD TYPE EL D 104 ACS

Thrust and pullback force	300 kN	
Max. feed rate (without load)	50 m/min	
Max. torque	outer rod 13.000 Nm	inner rod 2.800 Nm
Max. spindle speed	outer rod 200 U/min	inner rod 320 U/min
HP Bentonite pump P80	650 l/min	
Bentonite pressure P80	80 bar	
Rod magazine	210 m	
Effective rod length   Number of rods	3.000 mm   70 pcs	
Pilot bore Ø	165 mm	
Min. bore radius EL D 101 ACS	75 m	
Lx W x H (transport position)*	7.620 x 2.550 x 2.835 mm	
Lx W x H (Working position with cabin swivelled in)*	7.462 x 2.550 x 5.030 mm	
Lx W x H (Working position with cabin swivelled out)*	7.462 x 3.223 x 5.030 mm	
Max. weight*	23.180 kg	
Engine manufacturer	Cummins	
Engine type	B6.7	
Emission standard	Stage V	
Max. engine output	231 kW	
tank capacity	268 l	
Inclination angle	0-30 °	
Sound pressure level $L_{PA}$   Sound power level $L_{WA}$	78 dB   105 dB	
Workplace vibrations	< 0,5 m/s <sup>2</sup>	

\* depending on configuration | Data subject to change