

Knebel Drill	Hy-79/09-GRS-A-C
Drill-Crane, Hydraulic	AH-DRILL15
Drilling Depth	45 m
Casing	6"
Tower Height	6,8 m
Stroke Length	5,4 m
Wheelbase	2,545 m
Height	2,8 m
Width	2,2 m
Weight/Load Weight	7500 kg / 8500 kg
Pull Down Force	30 kN
Hold Back Force	60 kN
Moment	5,5 kNm at 40 rpm

In situ test
Cone penetration Test / Cone penetration test with water pressure measurement (CPT/CPTU)
Field Vane Test (FVT), type V4, V5, V7,5, V9,2
Standard Penetration test (SPT), 63,5 kg weight
In-situ Soil Extraction, A- and B-tubes
Dynamic Probing tests (DP)
Weight sounding test, 100 kg weight

CPT/CPTU	
Probe NOVA Acoustic	Qc= 100 MPa, fs= 0,5 MPa, u= 2,0 MPa
Hydraulic Capacity-Pushing	30 kN
Hydraulic Capacity-Pulling	30 kN
CPT-Speed	20 mm/sec
CPT-Range	18–22 mm/sec