

KmN2.5sm



SPECIFICATIONS

Rotary head and chuck	
Holding capacity	22 727 kg (50 000 lb)
Spindle interior dimension	124 mm (4,9 in)
Chuck operation	Spring closed and hydraulically opened
Final drive	HV 80-3 chain in an oil bath
Hydraulic motor	385 cc variable
Rotary head ratio	1:2,92
Lubrication	Pump pressurized & filter
Speed	0 to 1 250 rpm

FEATURES AND BENEFITS

- Design optimized for surface operation with low ground pressure.
- No transmission
- Depth capacity:
2 923 m (9 550 ft) N size
- Total weight:
20 455 kg (45 000 lb)

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SURFACE MOBILE DRILL

Hydraulic module

Hydraulic pump 1	304 l/min (80 US gpm) @ 283 bar (4 100 psi)
Hydraulic pump 2	273 l/min (72 US gpm) @ 241 bar (3 500 psi)
Filtration	High pressure filter (2) 10 microns absolute filter on return line (3)
System drive	Open loop, Load-sensing circuit
Hydraulic reservoir	578 l (153 US gal)
Oil heat exchanger	Air cooling (water cooler optional)

Drilling capacity

*Recommended size for maximum performance	*B 55,6 mm (2 3/16 in)	3 800 m (12 467 ft)
	*N 69,9 mm (2 3/4 in)	2 923 m (9 550 ft)
	*H 88,9 mm (3 1/2 in)	1 983 m (6 505 ft)
	*P 117,5 mm (4 5/8 in)	1 310 m (4 299 ft)
Drilling capacity is calculated on a 90-degree down hole and will depend on in-hole tools, ground conditions, drilling techniques and equipment used. These values are given as guideline only.		
Recommended diesel engine: 224 kW (300 hp) at 2 100 rpm		

Feed frame

Head stroke	3,35 m (11 ft)
Pull speed	37 m/min (123 ft/min)
Push speed	53 m/min (174 ft/min)
Pull capacity	23 419 kg (51 500 lb) @ 283 bar (4 100 psi)
Push capacity	12 350 kg (27 170 lb) @ 283 bar (4 100 psi)
Possible angle	-45 to -90 degrees

Drilling head

Hydraulic motor size	385 cc
Drilling head ratio	1: 2,92
Torque max	1 281 N-m (945 ft-lb) @ 1 250 rpm

Main winch

Capacity	18 182 kg (40 000 lb)
Line speed	33 m/min (109 ft/min)

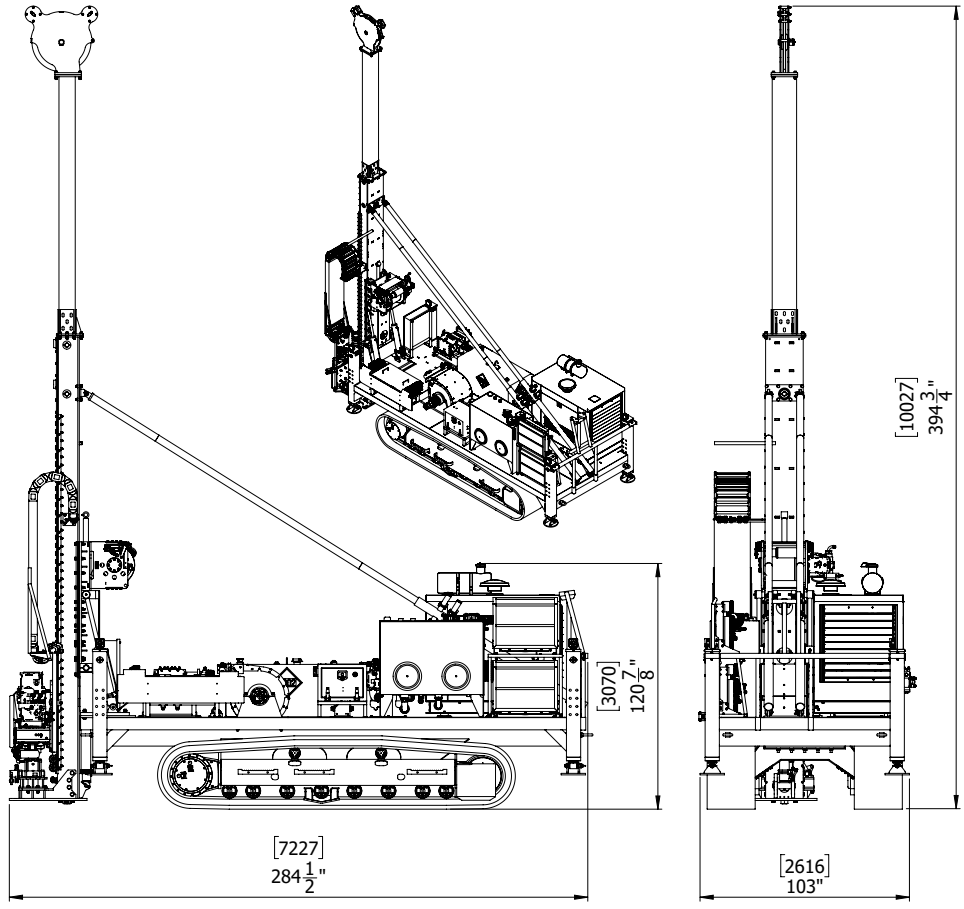
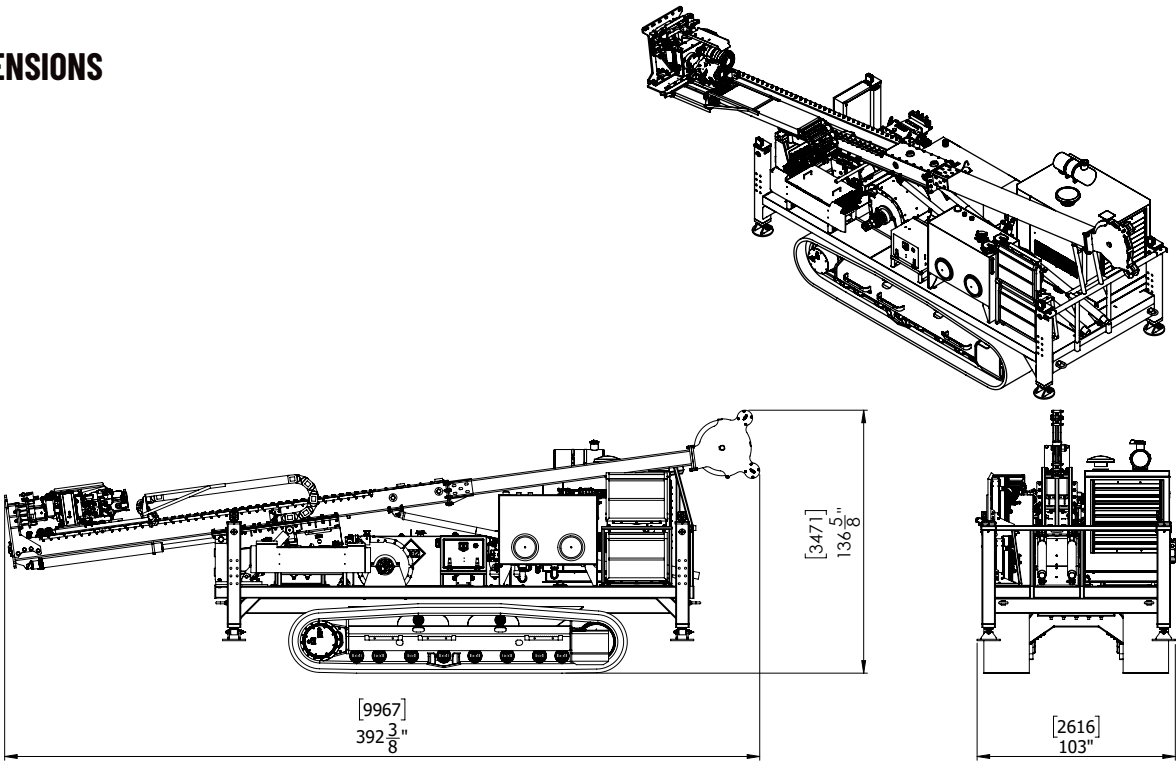
Wireline hoist

Cable capacity (4,8 mm - 3/16 in)	5 882 m (19 300 ft)
Empty Pull capacity	1 636 kg (3 600 lb)
Full Pull capacity	393 kg (1 864 lb)
Line speed bare drum	99 m/min (324 ft/min)
Full drum	395 m/min (1 296 ft/min)
Variable speed as needed	

Options

Rod handler
Water pump
Safety guard with interlock system

DIMENSIONS



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Distributor:



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