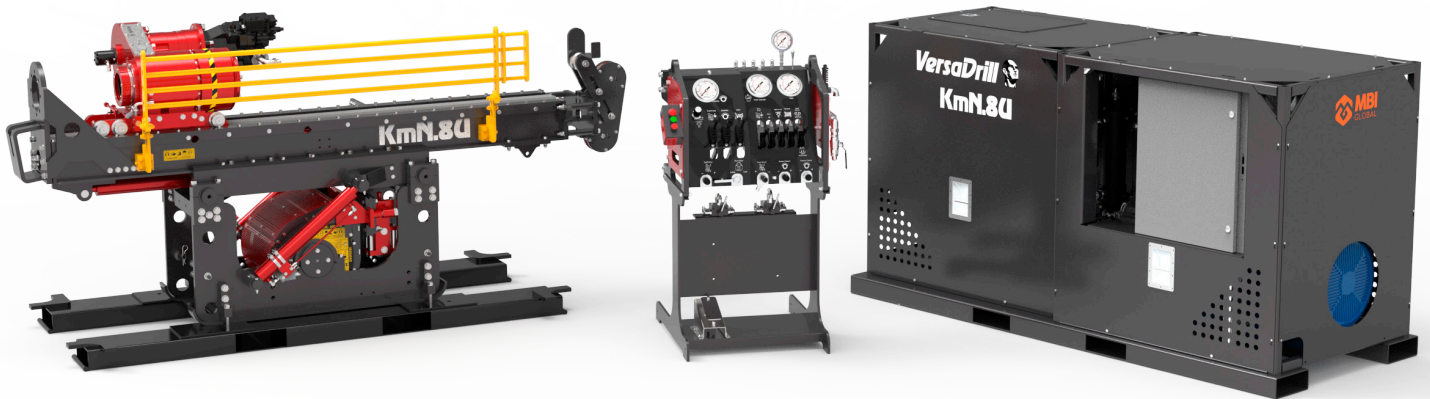


# KmN.8u



## SPECIFICATIONS

Rotary head and chuck	
Retention capacity	12 700 kg (28 000 lb)
Spindle interior dimension	124 mm (4.9 in)
Chuck operation	Spring closed and hydraulically opened
Final drive	HV 60-2 chain in an oil bath
Hydraulic motor	80 cc variable
Transmission	Fairfield 2-speed, hydraulically shifted
Rotary head ratio	1:2
Lubrication	Pressurized by pump, filter, and cooler
Speed	From 0 to 1 300 rpm

## FEATURES AND BENEFITS

- Save time & keep drilling A to P rod with same head.
- Quiet. No vibration & water resistant.

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### Filtering

10-micron absolute filter on return line (2)

High-pressure filter (2)

### Hydraulic module

Floating rotary head - Torque limit on rotary head

Hydraulic pumps (2)	163 l/min (43 gpm) @ 1 800 rpm max. 283 bar (4 100 psi) 129 lpm (34 gpm) @ 1 800 rpm max. 207 bar (3 000 psi)
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System drive	Open loop, load-sensing circuit
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Hydraulic pressurized tank	238 l (63 US gal)
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Oil heat exchanger	Air cooling (Water cooler optional)
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### Drilling capacity

*Recommended size for maximum performance	*B 55,6 mm (2 3/16 in)	1 293 m (4 243 ft)
	*N 69,9 mm (2 3/4 in)	995 m (3 264 ft)
	*H 88,9 mm (3 1/2 in)	675 m (2 214 ft)
	P 117,5 mm (4 5/8 in)	446 m (1463 ft)

Drilling capacity is calculated on a -90 degree drilling angle and will depend on drilling tools, ground conditions, drilling techniques, and equipment used.

Recommended electric motor: 100 hp (75 Kw) at 1 800 rpm

Recommended diesel engine: 155 hp (157 Kw) at 2 100 rpm

### Feed frame

Head stroke	1,68 m (5 ft 6 in)
Raising speed	60 m/s (198 ft/min)
Lowering speed	60 m/s (198 ft/min)
Pull capacity	7227 kg (17 000 lb)
Push capacity	7227 kg (17 000 lb)
Possible angle (underground version)	From -90 to 90 degrees

### 2-speed transmission

Speed	Ratio	RPM	Maximum torque
LO	3.46:1	0-382	2447 Nm (1 805 ft-lb) @ 300 rpm
HI	1:1	0-1 300	720 Nm (531 ft-lb) @ 1 016 rpm

Speed and torque based on an 80 cc hydraulic motor at 283 bar (4 100 psi)

### Wireline hoist

Cable capacity (3/16 in - 4.8 mm)	1 790 m (5 873 ft)
Empty pull capacity	1 227 kg (2 700 lb)
Pull capacity under load	327 kg (720 lb)

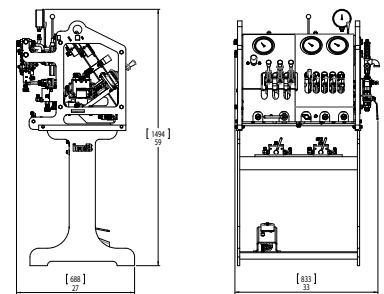
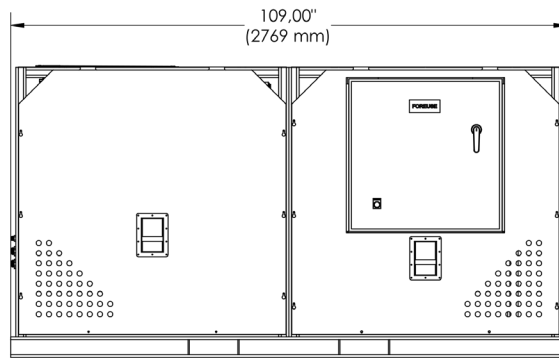
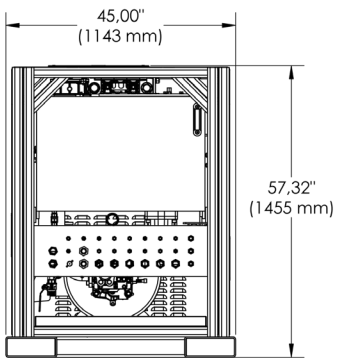
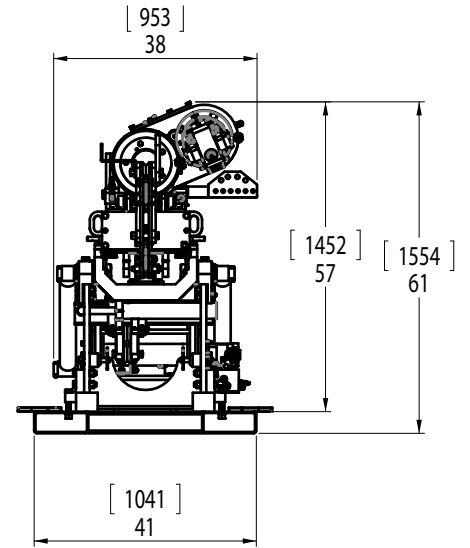
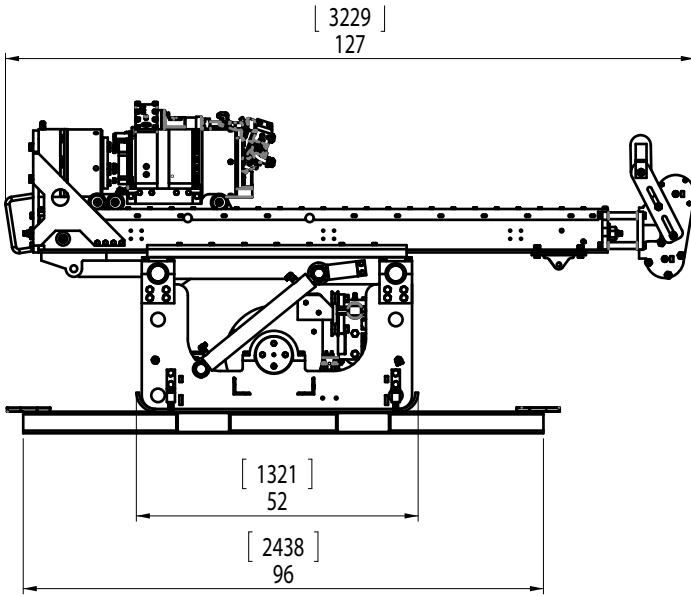
Variable speed as needed

### Options

Drilling head cooler

VersaGarde system with interlock system

# DIMENSIONS



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