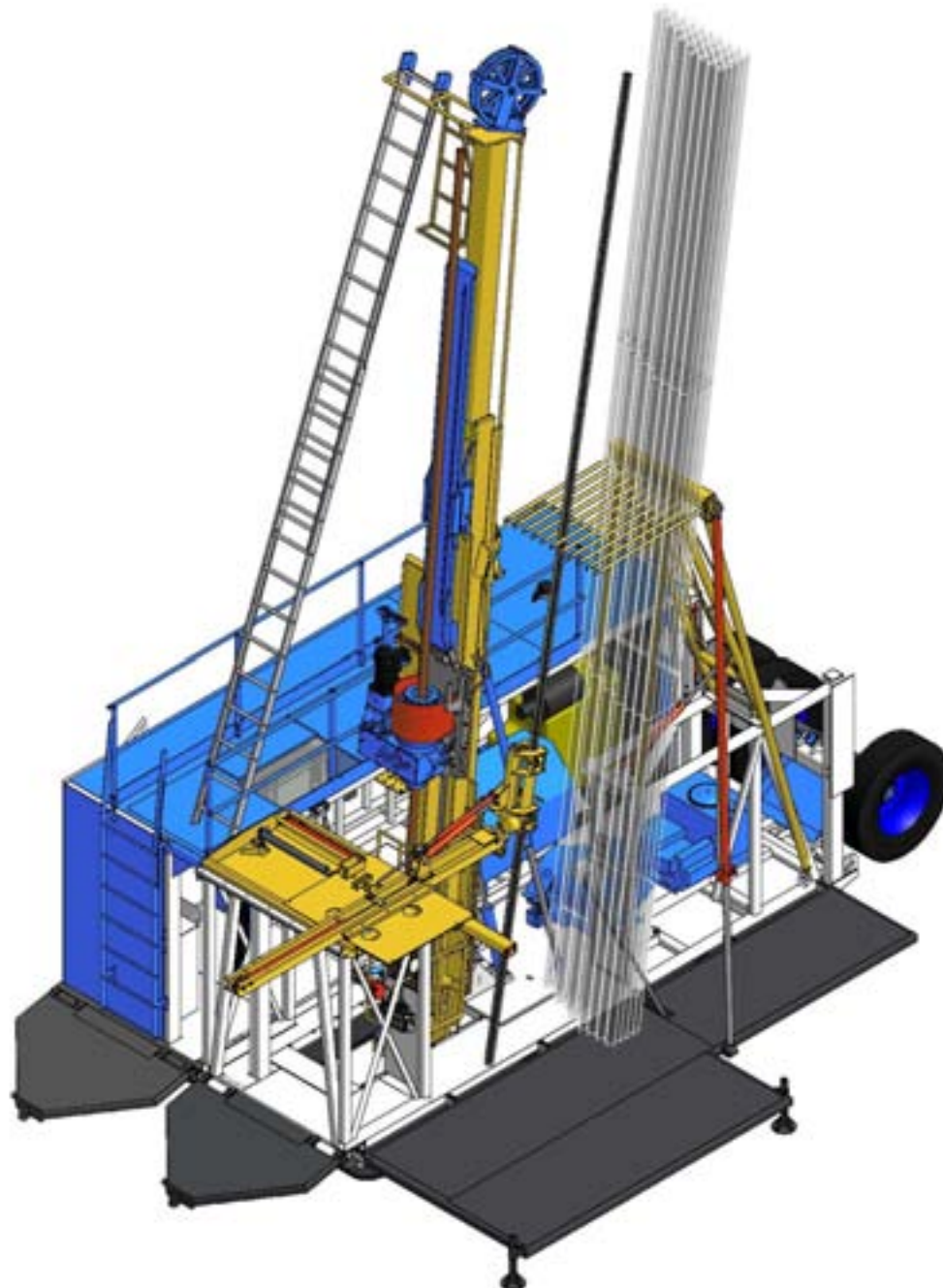


MODULAR CONTAINER TYPE DRILL RIG VD5000M



**Atelier
Val d'Or inc.**

1096 Rue de l'Écho
Parc Industriel
Val-d'Or (Québec) J9P 6X8

☎ 819-824-3676
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✉ ateliervd@ateliervd.qc.ca

TECHNICAL SPECIFICATIONS

Model	VD5000M
Type	Skid mounted, opened shack, all hydraulic chuck drive core drill, specially designed for diamond core drilling up to the rated specifications.
Drill mast	Capacity to drill between 90° and 45°.
Diesel Engine	The most frequently used power units are John Deere 200HP JD6068TF250 or John Deere 250HP JD6081AF001 with a normal operating speed up to 2,200 RPM (operating RPM can vary depending of pumps configuration/option).
Fuel tank capacity	110 liters (29 US gal.)
Pump drive	Funk triple pump drive (series 28000) with ratio 1.27:1
Rotation Head	AVD (A telier V al D 'Or inc.) type with chain drive head for hydraulic chuck (customer choice) ratio 12/24 on "H" size head, and 12/29 on "P" size head.
Transmission	Funk 4 speeds transmission (Ratio 1 st 6.63:1, 2 nd 3.17:1, 3 rd 1.72:1. 4 th 1:1)
Head Table	Hydraulic cylinder directly coupled to the Rotation Head table. The travel is 3m (10ft) or 3.3m (11ft). The pull down and pull up capacities are 13,526 kg (29,820 lbs) and 25,650 kg (56,548 lbs) both at a pressure of 4,500PSI.
Pull Cylinder	Hydraulic cylinder with 16,833 kg (37,110 lbs) of maximum pull at 4,500PSI.
Water Pump	Standard Bean 435 or Pratissoli KF40 (Customer's choice possible)
Rod clamp	Boyles style for "B" to "P" sizes.
Wireline winch	The capacity of the wireline winch is up to 3 500m (11,480ft) for 3/16in wireline rope, depending on the option chosen.
Hydraulic	Full flow 25 micron Beta rated return oil filtration. Water/Oil, air/oil hydraulically motorized (optional) and air/oil (optional, installed on the diesel engine) hydraulic coolers.
Hydraulic tank capacity	323 liters (85 US gal.)
Maximum pull capacity	42,483 kg (93 658 lbs) @ 4,500 PSI with feed and pull cylinder.
Rod handler	Standard

Rod Rack maximum stacking capacity

Rod size		BQ (Ø2.19")*	NQ (Ø2.75")	HQ (Ø3.50")	PQ (Ø4.50")
Qty(9 meters section)		184	144	98	60
Depth in:	meters	1,656	1,296	882	544
	feet	5,433	4,250	2,893	1,786

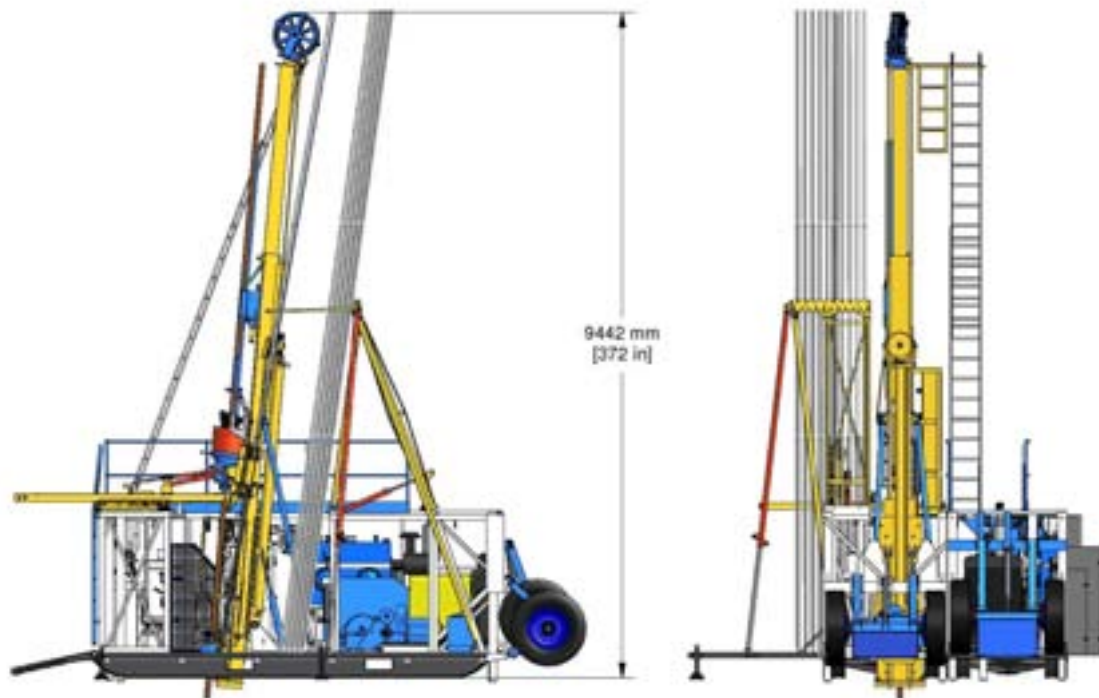
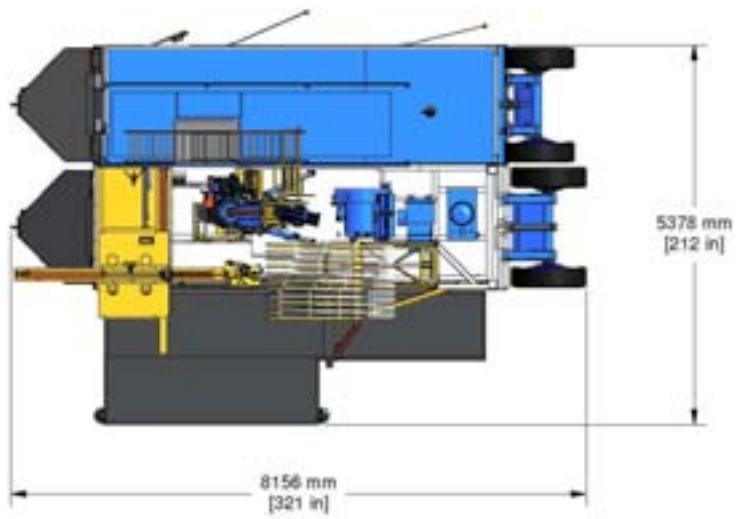
* : comb configured for NQ rod



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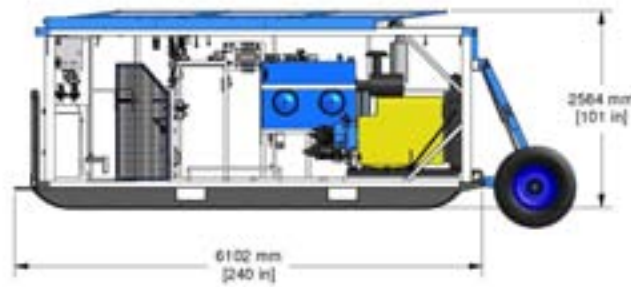
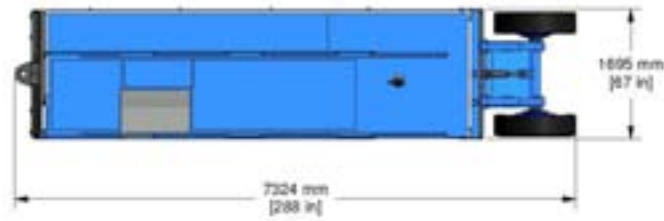
DRILL WORKING POSITION (mast 90° shown)



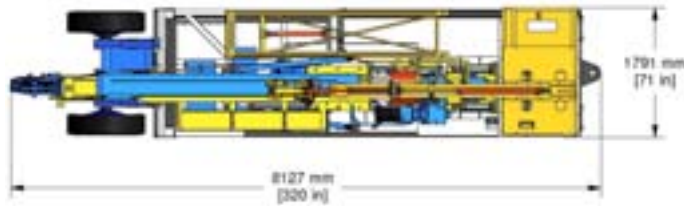
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DRILL SHACK CONTROL UNIT TRANSPORT POSITION



DRILL SHACK MAST UNIT TRANSPORT POSITION



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