

CABLE R66

Drilling Rig for mechanize cable bolting installation



Equipment for mechanized installation of cable bolt, fortification in medium sections from 4x4 to work of 7 m in height.

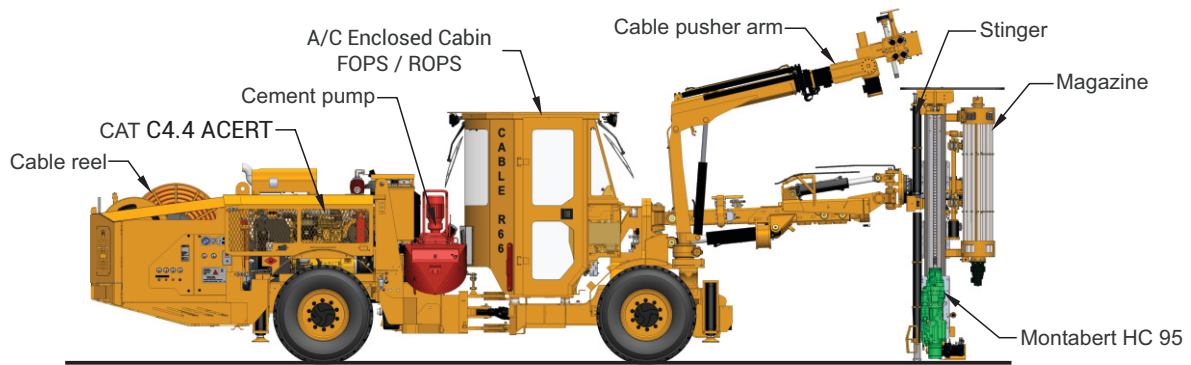
It includes an arm equipped with a long hole feed for 4, 5, and 6 ft rod, in addition a second arm with cable pusher mechanism and hose to perform the injection of cement.

Maximum drilling length up to 25 m, diameters up to 64 mm, rimed 127mm.

Chassis for heavy duty, articulated 4WD, self propelled with diesel engine, electro hydraulic for drilling.

The hydraulic system of direct controls with piloted hydraulic control makes this equipment highly reliable for operation. On the other hand, the montabert HC 95 drifter has the lowest operating cost of its kind in the market.

SPECIFICATIONS



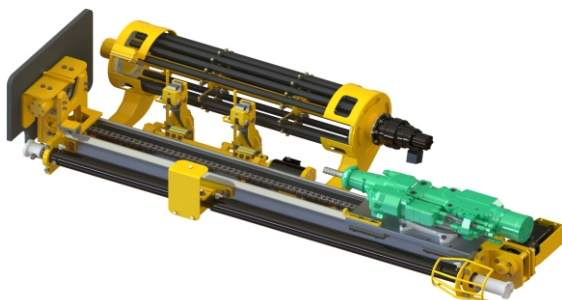
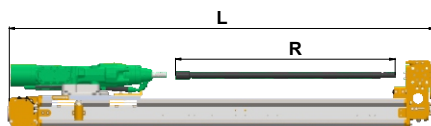
DRIFTER

• Model	Montabert HC 95 (095LQa)
• Percussion power	24 kW
• Percussion pressure	180 bar
• Frequency	57 Hz
• Rotation Speed	0 - 220 rpm
• Rotation torque	955 Nm
• Hole diameter	51 - 89 mm
• Rhymed diameter	75 - 127 mm
• Air consumption (flushing)	8000 l/min (7 - 10 bar)
• Air consumption (lubrication)	300 l/min (a 3 bar)
• Oil consumption (lubrication)	0.8 cc/min
• Water consumption	60 - 120 l/min (8 - 20 bar)
• Shank Adapter	R38, T38, T45 - male
• Weight	181 kg

VIGA

• Model	RE 8000 series
• Drifter advance	Hydraulic motor and chain
• Feed extension	715 mm
• Hydraulic clamp	BULL 120
• Stinger cylinder	2 units to stabilize while drilling
• Digital inclinometer	AMLH SYSTEM - Angle Measurement Long Hole & Software
• Magazine	T38 / 14 + 1 barras T45 / 12 + 1 barras

Feed Type	Overall length (mm) (L)	Rod length (mm) (R)
Feed 8000 of 4'	2826	1219
Feed 8000 of 5'	3126	1524
Feed 8000 of 6'	3426	1829



CARRIER

• Model	C77
• Diesel engine	Caterpillar C4.4 ACERT, Tier 3
• Power	106 kW @ 2200 rpm
• Exhaust catalyzer	Standard
• Transmission	Hydrodynamics
• Powershift gearbox	Dana, T20000
• Differential axle	Dana, Series 113
• Rear axle oscillating	± 8°
• Tramming speed:	
- Horizontal	max. 16 Km/h
- Positive ramp 15%	max. 7 Km/h
• Positioning pump	Parker, PGP315
• Service brakes	Wet discs, POSI STOP
• Emergency and parking brakes	SAHR (Spring Applied Hydraulic Release)
• Steering (articulated carrier)	±40°
• Tyres	12.00 x R20
• Hydraulic jacks	2 extendable front, 2 rear
• A/C Enclosed Cabin	FOPS / ROPS
• Fuel tank	24 gal / 92 l
• Battery	2x12 V, 90 Ah
• Electric system	24 VDC
• Tramming lights	8X, Halogen 65W HD, 24 V
• Centralized grease system	SKF
• Drilling lubrication system	SKF
• Automatic fire suppression system	
• Fire extinguisher	ANSUL, 4 nozzles
• High pressure washing system	1x6kg, Type ABC
• Reel grease gun	
	Manual
	Manual

BOOM

• Model	Boom 5APR-2R
• Boom extension	1200 mm
• Lift angle	+60° / -20°
• Swing angle	±30°
• Rotation	360°
• Hydraulic cylinders	Parker

HYDRAULIC CONTROL SYSTEM

• Direct control valve	Parker KA-18
• Percussion pump (compensated pressure)	Rexroth A10VO100
• Triple pump	Parker, PGP620 - 511
• Working pressure	180 bar
• Hydraulic oil tank	51.5 gal / 195 l
• Hydraulic return filter	Parker, 10µ
• Hydraulic pressure filter	Parker, 10µ
• Hydraulic filter saturation indicator	Parker
• Low oil level indicator	Hydac
• Oil temperature indicator	Hydac

LUBRICATION AND WATER, AIR SYSTEM

• Compressor	GA30
• Maximum capacity	91 l/s (192 CFM)
• Working pressure	9.1 bar
• Water pump and hydraulic motor	Grundfoss, CR5 - 9
• Maximum flow	6.9 m³/h (115 l/m)@3500rpm
• Minimum water inlet pressure	2 bar
• Bowman cooler	FG-120, 48.6 GPM, 20 bar
• Compressor (lubrication)	LE3-10UV

ELECTRIC SYSTEM

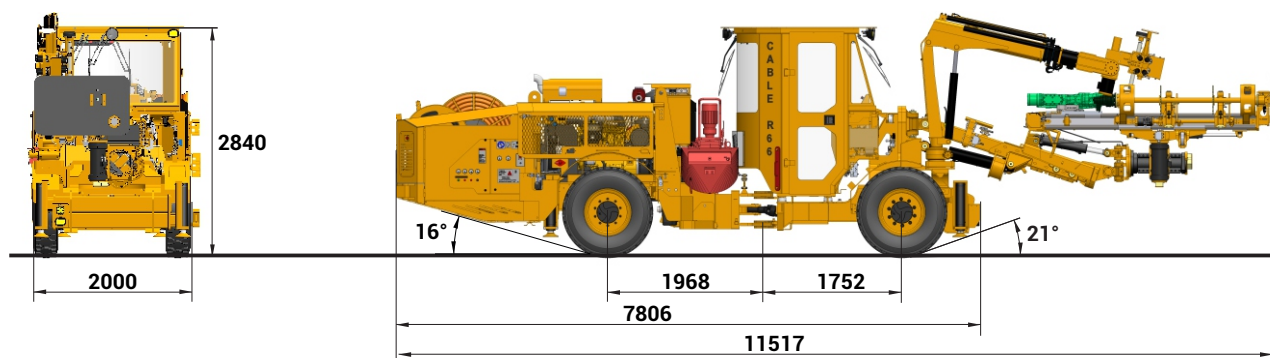
• Electric motor	60 Hz, 75 kW, 100 HP
• Voltage	380 - 440 - 550 - 690 - 1000 VAC
• Frequency	50 - 60 Hz
• Starting method	Star - Triangle
• Option to 1000 VAC	Direct start
• Overload protection and ground fault	Schneider, Module VIGI
• Percussion horometer	VDO 24V
• Phase sequence indicator	Siemens
• Battery charger	32 VAC, 300W 13A
• Electric transformer	3.5 kVA
• Working lights	2X, LED 6900 lm, 24V
• Electric cable reel	65 m
• Electric cable	3x4/0 - AWG (95 mm)
• Degree of protection	IP 55

DIGITAL INCLINOMETRO

The digital inclinometer controller indicates the measurement of the inclination, rotation and parallelism angles of the feed. The angles are displayed on the screen with a friendly interface, it also has a menu that shows the status of both sensors and any possible errors.

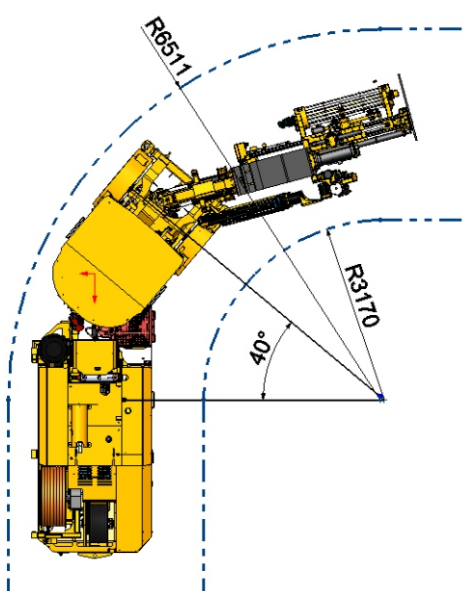


DIMENSIONS



Total Weight
21170 kg

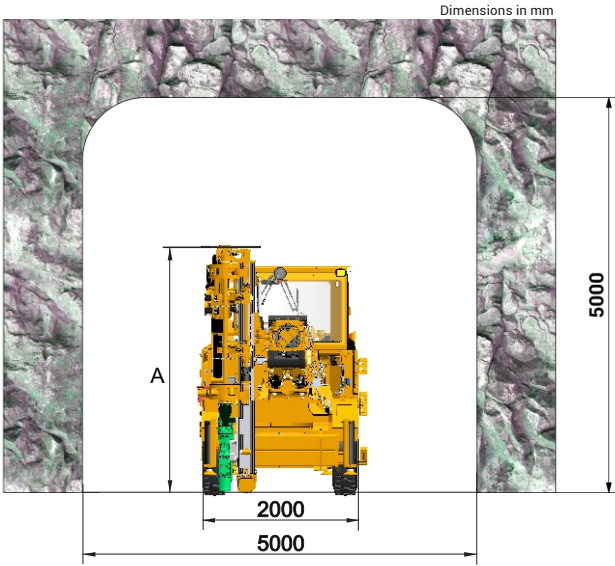
TURNING RADIUS



OPTIONAL: OPERATOR CABIN (CANOPY)



COVERAGE AREA



Feed	4'	5'	6'
Total Length (A)	2826	3126	3426

