



Multi-purpose sonic rig:

- Mineral sampling
- Environmental exploration
- Geotechnical sampling and testing
- Geo-constructional drilling
- Seismic drilling
- Customized solutions

The **CompactRotoSonic V** is built to perform in the most diverse working conditions and its stability and rigidity optimize the power of the drill head. The crawler excels in small spaces because of the great manoeuvrability.



CRS V Crawler

CompactRotoSonic HT drill head

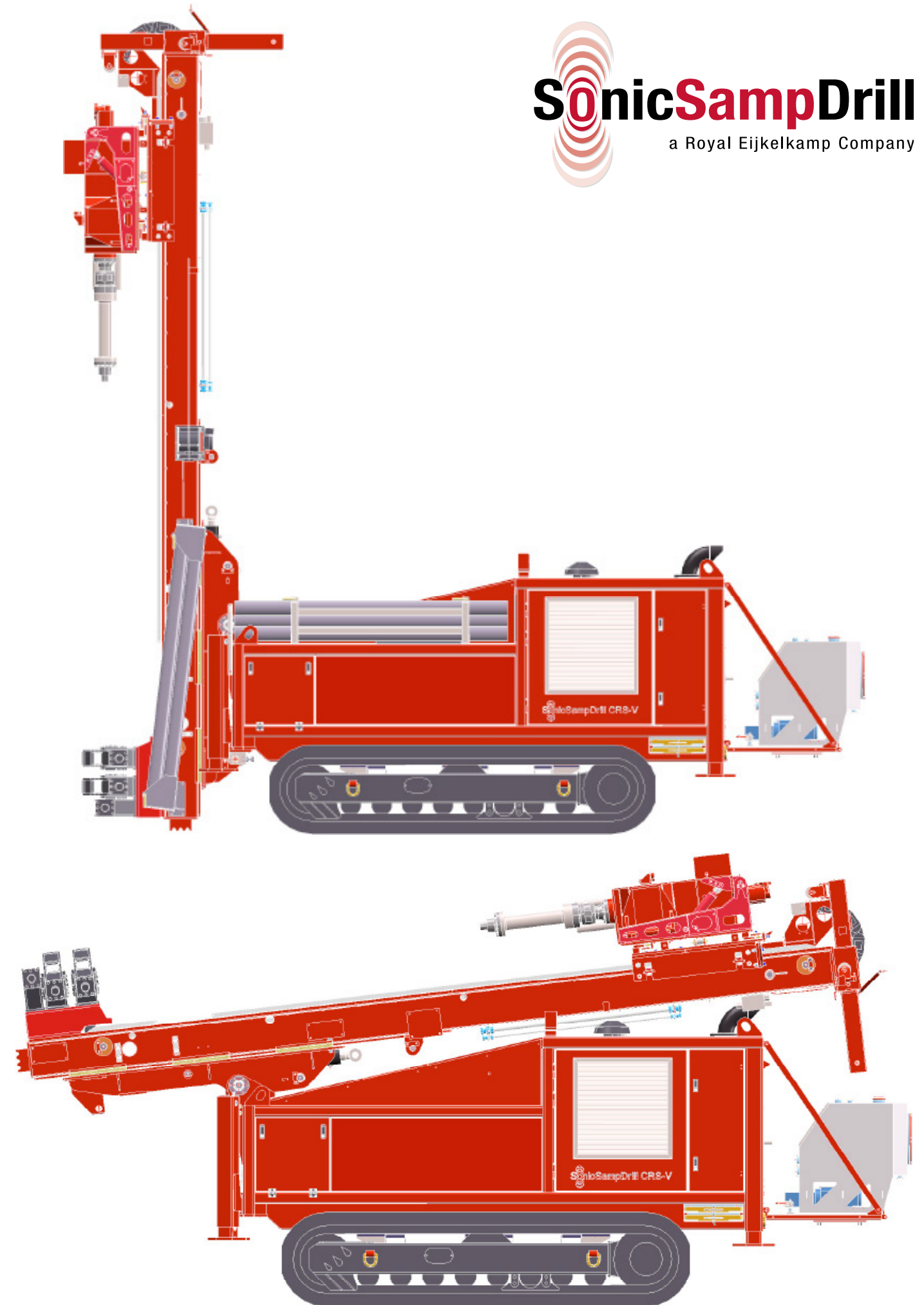
■ Sonic vibration oscillator output force	150 kN @ 0-150 Hz	33721 lbf @ 0-150 Hz
■ 2 eccentrics, mechanically synchronized		
■ Rotation torque: clockwise 0-120 rpm	2.5 kNm @ 185 bar	1844 ft-lbf @ 2685 PSI
■ Rotation torque: counter clockwise	2.8 kNm @ 201 bar	2065 ft-lbf @ 3045 PSI
■ Tilt capacity		
■ Swivel for liquid, foam or air		

Rig

■ John Deere 4 cylinder water cooled engine	129 kW	173 hp
■ Dimensions folded (L x W x H) approx.	6000 x 1700 x 2950 mm	19'8" x 5'7" x 9'8"
■ Height (when drilling) max.	4800 mm	15'9"
■ Weight approx.	9400 kg	20.723 lbs
■ Fuel tank (diesel):	175 liter	46 gallon
■ Load sense hydraulic system		
■ High pressure water pump		
■ Large flow water pump	19 l/min @ 210 bar	5 gpm @ 3045 PSI
■ Aluminum water tank	160 l/min @ 45 bar	42 gpm @ 652 PSI
■ Tracks with steel cleats or rubber pads	450 liter	119 gallon
■ Radio remote for driving and drilling		
■ Casing rack	Charger	2 batteries included
■ Work lights		

Fully automated rod or casing handler

- Magnetic rod loading arm
- Casing or drill rod storage depends on diameter and length



Safety isn't expensive, it's priceless!



Mast

■ Stroke	3600 mm	11'10"
■ Mast dump	800 mm	2'7"
■ Pull up	80 kN	17984 lbf
■ Pull down	65 kN	14612 lbf
■ Pull up and down speed	30 m/min	100 ft/min
■ Double hydraulic break out clamp	50-200 mm	2" - 7-7/8"
Adjustable clamping force of	94 kN	21130 lbf
Break out torque	26.5 kNm	19545 ft-lbf
Hydraulic break out cylinder		

Winch

■ Wireline winch	3 kNm	2250 ft-lbf, speed 328' min 328' cable
------------------	-------	--

Options

■ SPT auto drop hammer with blow counter on control panel		
■ Duplex mud pump	570 liter @ 45 bar	150 gallon @ 652 PSI
■ SPX 40 hose pump	114 l/min @ 9.6 bar	30 gpm @ 140 PSI
■ Steel tracks		
■ Swivel for liquid, foam or air	35 bar	507 PSI
■ Triple foot clamp		



More information or questions?



SonicSampDrill HQ
SonicSampDrill LatAm
SSD North America

The Netherlands
Colombia
United States/Canada

T +31 313 880201
T +34 639 620 052
T +1 413 329 7525

sales@sonicsampdrill.com
www.sonicsampdrill.com
www.royaleijkelpark.com