

SmallRotoSonic ML (SRS ML)

Ask for your
tailored
OPEX ROI
calculation !



SRS ML: Multi-purpose sonic rig

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

The SmallRotoSonic (SRS) excels through capturing the powerful sonic force in an extraordinarily small and manoeuvrable package. Why use direct push when 150 Hz RotoSonic delivers faster and better results and provides extremely undisturbed samples.



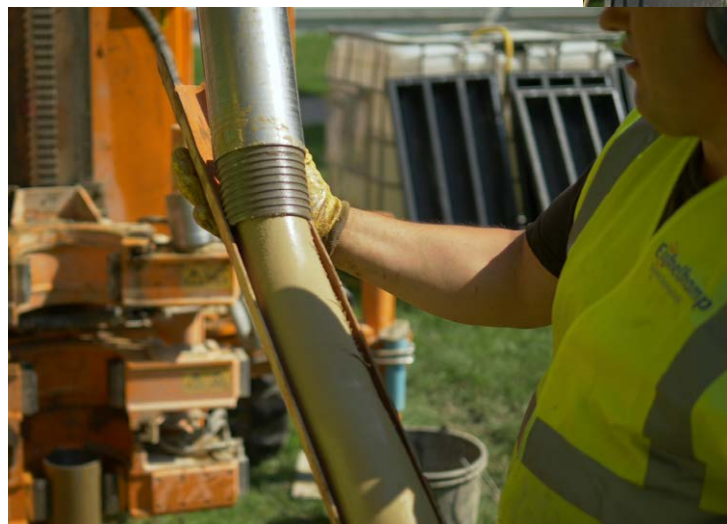
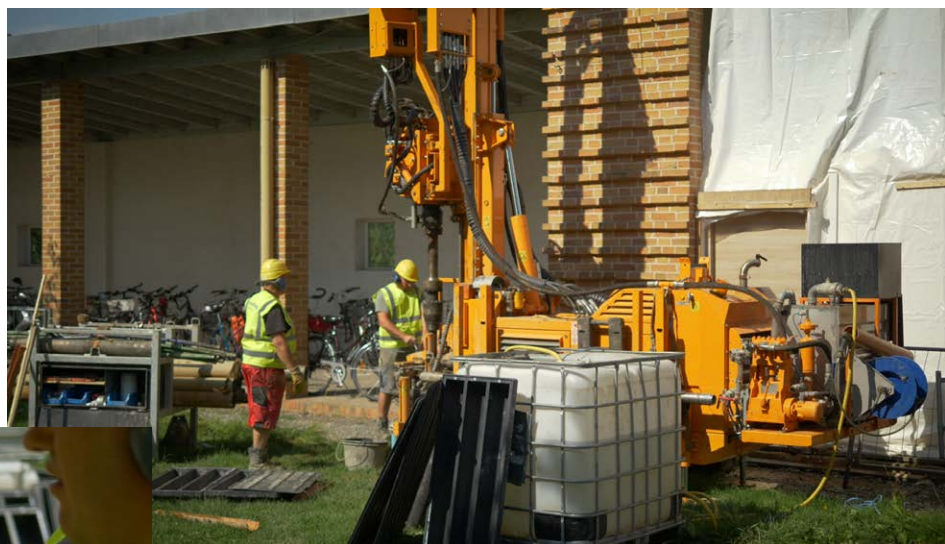
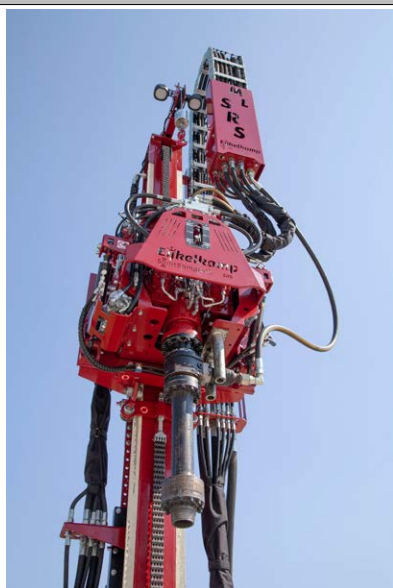
SRS ML

SmallRotoSonic Drill head	Metric	Imperial
Max. frequency	0 - 150 Hz	0 - 150 Hz
Sonic vibration oscillator output force	150 kN	33 k lbf
2 eccentrics, mechanically synchronized	Yes	Yes
Rotation torque: clockwise 0-120 rpm	1,200 Nm @ 150 bar	885 ft-lbf @ 2,175 psi
Rotation torque: counter clockwise	1,400 Nm @ 172 bar	1,030 ft-lbf @ 2,500 psi
Head tilt max.	65°	65°
Mass of head	370 kg	830 lbs
Drilling under angle perpendicular driving direction	10°	10°



Rig	Metric	Imperial
Caterpillar C3.6 diesel engine, 3600 cc displacement, 4 cylinder, turbo charged with aftercooler, water cooled. 12 V electrical system, emission class EU stage V - EPA Tier 4 Final	90 kW	120 HP @ 2,400 rpm
Mass approx. (depending on options)	4,500 - 6,500 kg	9,900 - 14,300 lbs
Fuel tank (diesel)	110 litres	29 gallon
Load sensing hydraulic system	Yes	Yes
High pressure water pump	19 l/min. @ 210 bar	5 gpm @ 3,045 psi
Large flow water pump	160 l/min. @ 45 bar	42 gpm @ 652 psi
Aluminum water tank	300 litres	79 gallon
Rubber tracks	width 1.600 mm	width 5.3 ft
Radio remote for driving	Yes	Yes
Casing rack	Optional	Optional
Work lights	Yes	Yes

Mast	Metric	Imperial
Stroke	3,500 mm	11'6"
Mast dump	600 mm	2'
Pull up	60 kN	13,200 lbf
Pull down	31 kN	6,820 lbf
Pull up and down speed	40 m/min	130 ft/min
Triple floating break out clamp	40 - 250 mm	1.6" - 10"
Adjustable clamping force of	140 kN	31,475 lbf
Break out torque	23 kNm	16,965 ft-lbf





Options	Metric	Imperial
SPT auto drop hammer with blow counter on control panel		
SPX40 hose pump	114 l/min @ 9.6 bar	30 gpm @ 140 psi
Safety cage		
ManipAll 200 (magnetic rod loading arm)		
Casing or drill rod storage depends on diameter and length		
Rotatable jibboom		
Static rod loader system		
Ultra low clearant mast with short stroke upon request		



Eijkelkamp Customer Service Agreement

Royal Eijkelkamp provides the possibility to add a tailor fit service contract to the extensive range of machines we offer. We call these the Eijkelkamp Customer Service Agreements. We have three types of Customer Service Agreements called Start, Pro and Royal. The Royal type is a service contract that can be tailor fit to the needs of the customer. All Eijkelkamp Customer Service Agreements will be delivered with the Eijkelkamp Service Assistant, this is an advanced track & trace system that is available for use by customer and driller on site via the mobile phone application and web browser.

For more information on demos, pilot projects or personal advice contact our sales department !

For urgent service calls and/or technical information contact or special service telephone: +31 313 800 967

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