

SRS RIG (SmallRotoSonic)

FEEL THE SONIC VIBES !
Make your difficult works successful



COMPACT AND LIGHT



The SRS range (SmallRotoSonic) represents the most compact and the lighter sonic drilling rigs in the world.

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

These SRS rigs are easy to use, and available with short stroke (3600mm) or long stroke (5200mm), for quick sampling and testing, on a standard depth of 30 meters (depending on conditions).

The standard version is mounted on a rubber track but other configurations are available.

Other configurations possible :



On a skid (set up on a carrier)



On a tractor

SRS RIG

TECHNICAL SPECIFICATIONS

		PL	ML
Engine	Type	Caterpillar 4 cylinders	
	Power	75 CV	120 CV
	Fuel tank	65 Liters	110 Liters
Performance (Sonic rotation head)	Sonic vibration oscillator output force	100kN	
	Frequency	0 - 150 Hz	
	Rotation torque (right/left)	1 200 / 1 400 Nm	
	Tilt	65°	
	Weight	370 kg	
Mast	Short stroke / Long stroke	2 000 mm	2 000 mm (short) 3 500 mm (long)
	Pull down (Sonic/Static)	2 500 daN / 4 000 daN	
	Pull up (Sonic/Static)	2 500 daN / 6 000 daN	
	Pull up and down speed	25 m/min	40 m/min
	Mast dump (option)	500 mm	600 mm
Control panel	Control panel on turning arm for moving and drilling control		
Injection pump	Pump 1 High Pressure	19 l/min - 210 bar	19 l/min - 210 bar
	Pump2	80 l/min - 40 bar	160 l/min - 45 bar
	Aluminium tank integrated to the rig	300 Liters	
Winch (Capacity - speed)		1 000kg - 50 m/min	
Double hydraulique break out clamp	Ø	40 à 250 mm	
	Break out torque	97 kN - 13 kNm	97 kN - 20 kNm
Dimensions for transport (L x l x H)		4450 x 1100 x 2650mm	6300 x 1400 x 2700 mm (long mast) 5140 x 1400 x 2600 mm (short mast)
Weight (approx.) according to options		3200 à 4500 kg	3500 à 5000 kg
Main Options		- Magnetic rod loading arm - Casing or drill rod storage depends on diameter and length - SPT auto drop hammer with blow counter on control panel - Mast dump	

