



SONIC SDC-390

Sonic Drilling is a soil penetration technique that employs a high-frequency sonic head to deliver vibration waves of 150hz down the drill string to the bitface. This vibration causes liquification of the soil surrounding the casing or drill string, greatly reducing friction and permitting very fast drilling speeds. The sonic method can provide continuous samples to depths of more than 100m.



Dimensions

Travelling Length	5842mm
Footprint Length	2438mm
Width	2286mm
Weight	13,000kg
Travelling Height	2312mm
Drilling Height	7010mm
Ground Pressure	0.86kg/cm ²

Capabilities

Sonic Drilling	150m
NQ Diamond Coring	250m
HQ Diamond Coring	150m
Angle Drilling	45°

Features

Drill Stroke	4020mm
Water Pump	Standard
Footclamps	Standard
Headswing	Hydraulic
Dump Mast	Standard
Safety Cage	Standard

