

TOA-TONE BORING

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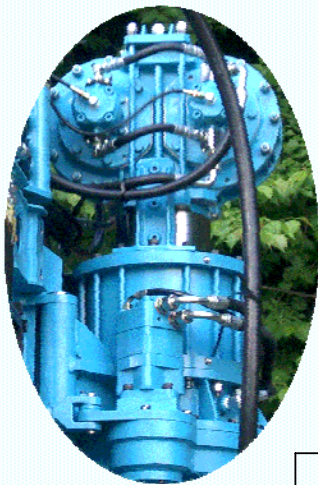
TONE "SP-8000" VIBRATORY-ROTARY DRILL

Most powerful in TONE's vibratory-rotary drill series, offering the best performance in the drilling for environmental investigation, monitoring well, soil remediation and geothermal hole, etc.

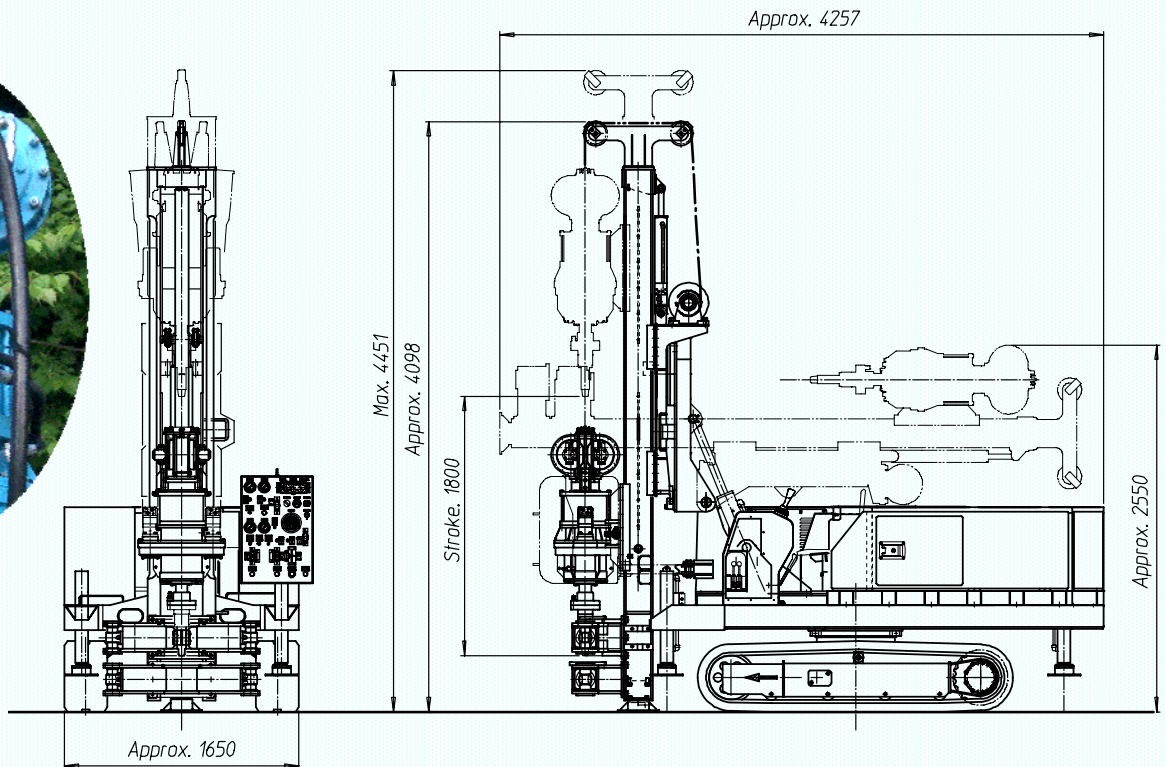


TOA-TONE BORING CO., LTD.

DIMENSIONS & SPECIFICATIONS



Drill Head & Oscillator



Drill Head		Mast	
Type	Hydraulic motor drive	Type	Hydraulically raised & lowered
Rotation speed	Low: 33 min ⁻¹	Slide stroke length	500 mm
	High: 66 min ⁻¹	Swing angle	±5°
Rotating torque	Low: 5.4 kN-m	Hoist	
	High: 2.7 kN-m	Type	Hydraulic motor drive
Feed System		Pulling capacity	6.9 kN
Type	Hydraulic cylinder with chain	Hoisting speed	0 – 50 m/min.
Feed force	39.2 kN	Rope size	5.0 mm x 23 m
Balance force	98.0 kN	Breakout System	
Feed speed	0 – 1.4 m/min.(normal)	Applicable pipe size	60 mm – 8-5/8"
	0 – 7.1 m/min.(quick)	Undercarriage	
Stroke length	1800 mm	Traveling speed	4.4/2.4 km/h
Oscillator		Swing speed	9.0 min ⁻¹
Frequency	4000 cpm	Gradeability	15°
Vibration force	78.4 kN	Diesel Engine	
Weight		Output	55 PS/2100 min ⁻¹
Total weight	Approx. 6200 kg		

In accordance with our policy of constant improvement, we reserve the right to amend design, materials, specifications and prices at any time without prior notice.



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