

TOA-TONE BORING

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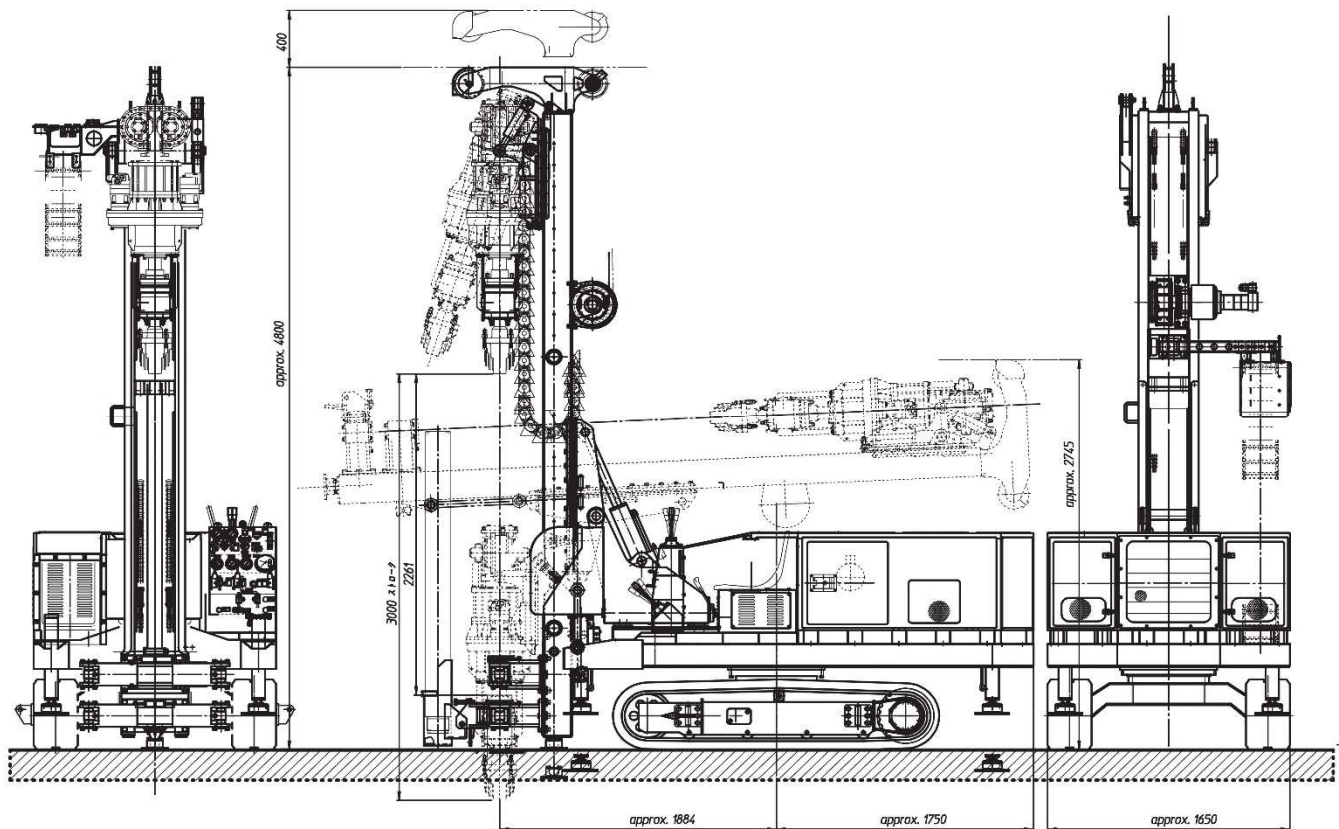
TONE "SP-8000" VIBRATORY-ROTARY DRILL

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



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Dimensions & Specifications of SP-8000 Drill



Drill Head		Mast	
Type	Hydraulic motor drive	Type	Hydraulically raised & lowered
Rotation speed	Normal: Low: 27 min ⁻¹ High: 54 m ⁻¹	Slide stroke length	600 mm
	Max.: Low: 48 min ⁻¹ High: 96 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	15.0 kN
Type	Hydraulic cylinder with chain	Hoisting speed	0 – 30 m/min.
Feed force	50 kN	Rope size	9.0 mm x 30 m
Balance force	100 kN	Breakout System	
Feed speed	0 – 2.9 m/min.(normal)	Applicable pipe size	60 mm – 8-5/8"
	0 – 11.3 m/min.(quick)	Undercarriage	
Stroke length	3000 mm	Traveling speed	4.4/2.4 km/h
Oscillator		Swing speed	9.0 min ⁻¹
Frequency	4300 cpm	Gradeability	15°
Vibration force	83.1 kN	Diesel Engine	
Weight		Output	55.9 PS/2200 min ⁻¹
Total weight	Approx. 7000 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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