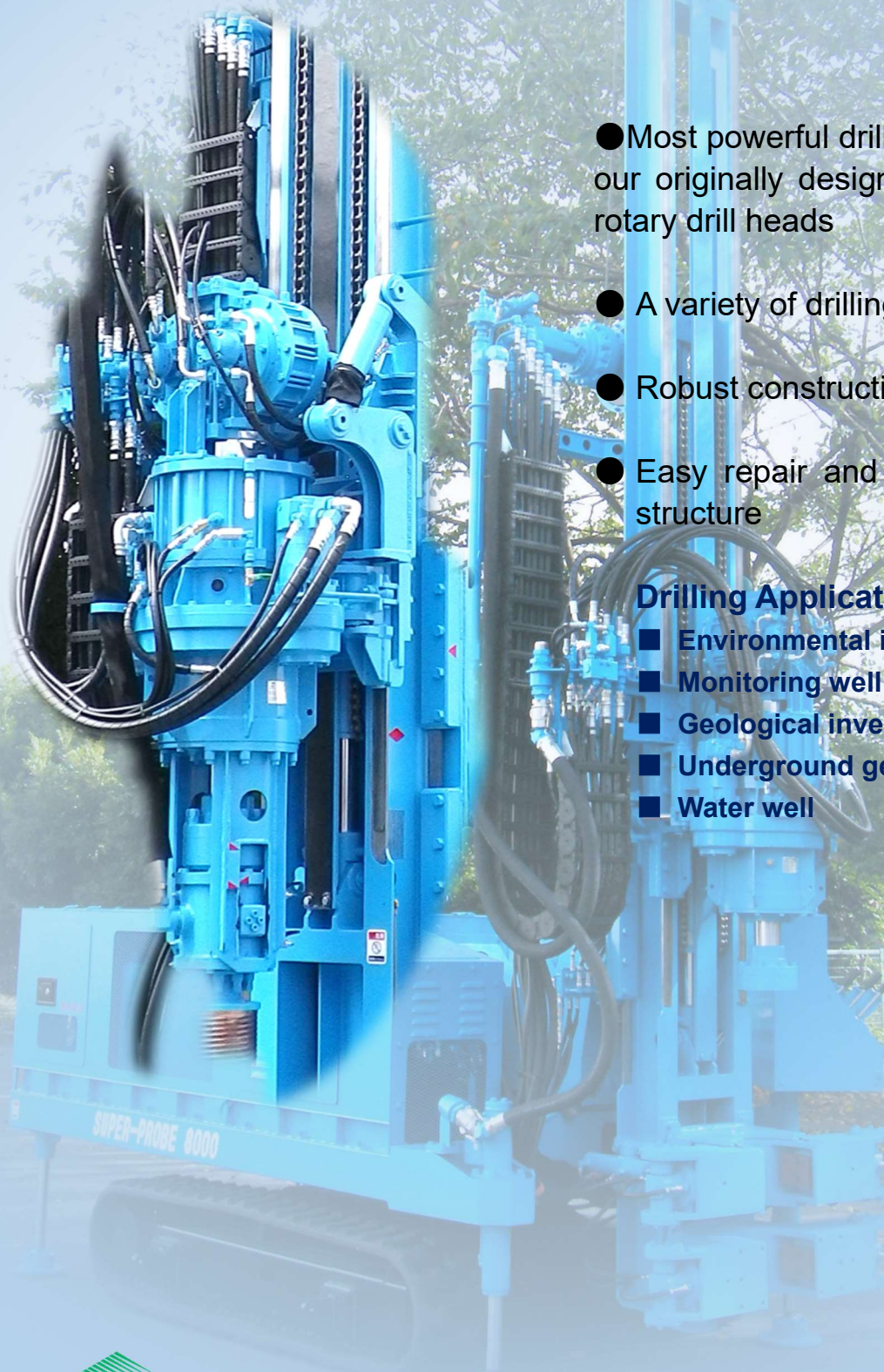


SP-8000 VIBRATORY-ROTARY DRILL HEAD



- Most powerful drill head among our originally designed vibratory-rotary drill heads

- A variety of drilling application

- Robust construction

- Easy repair and maintenance structure

Drilling Application

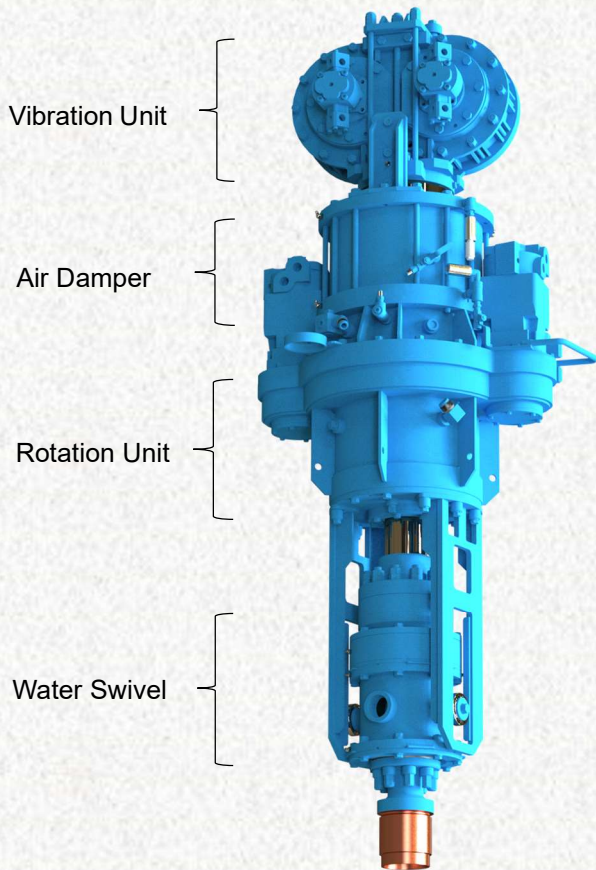
- Environmental investigation
- Monitoring well
- Geological investigation
- Underground geothermal hole
- Water well



TOA-TONE BORING CO., LTD.

www.tone-sonic-drill.com

DRILL HEAD COMPONENTS



SP-8000 DRILL HEAD TECHNICAL SPECIFICATIONS

Vibration Unit	
Type	Hydraulic motor driven
Set pressure	17.5 MPa
Flow rate	74 L/min.
Vibration force	Max. 78.4 kN
Frequency	Max. 4,000 cpm at 74 L/min
Air Damper	
Set pressure	0.7 MPa
Air flow rate	Min. 8 L/min at 0.7 MPa
Rotation Unit	
Type	Hydraulic motor driven
Set pressure	20.1 MPa
Flow rate	95 L/min. *1
Torque	Low: 5.4 kN-m
	High: 2.7 kN-m
Rotation speed (Standard setting)	Low: 0 - 48 min ⁻¹ at 95 L/min
	High: 0 - 96 min ⁻¹ at 95 L/min

*1: Oil Motor Max. Flow (Continuous)

We reserve the right to change technical specifications without prior notice.

Underground Geothermal Hole



Environmental Investigation



Geological Investigation



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STD.: ISO 9001 CERT NO.: 727099