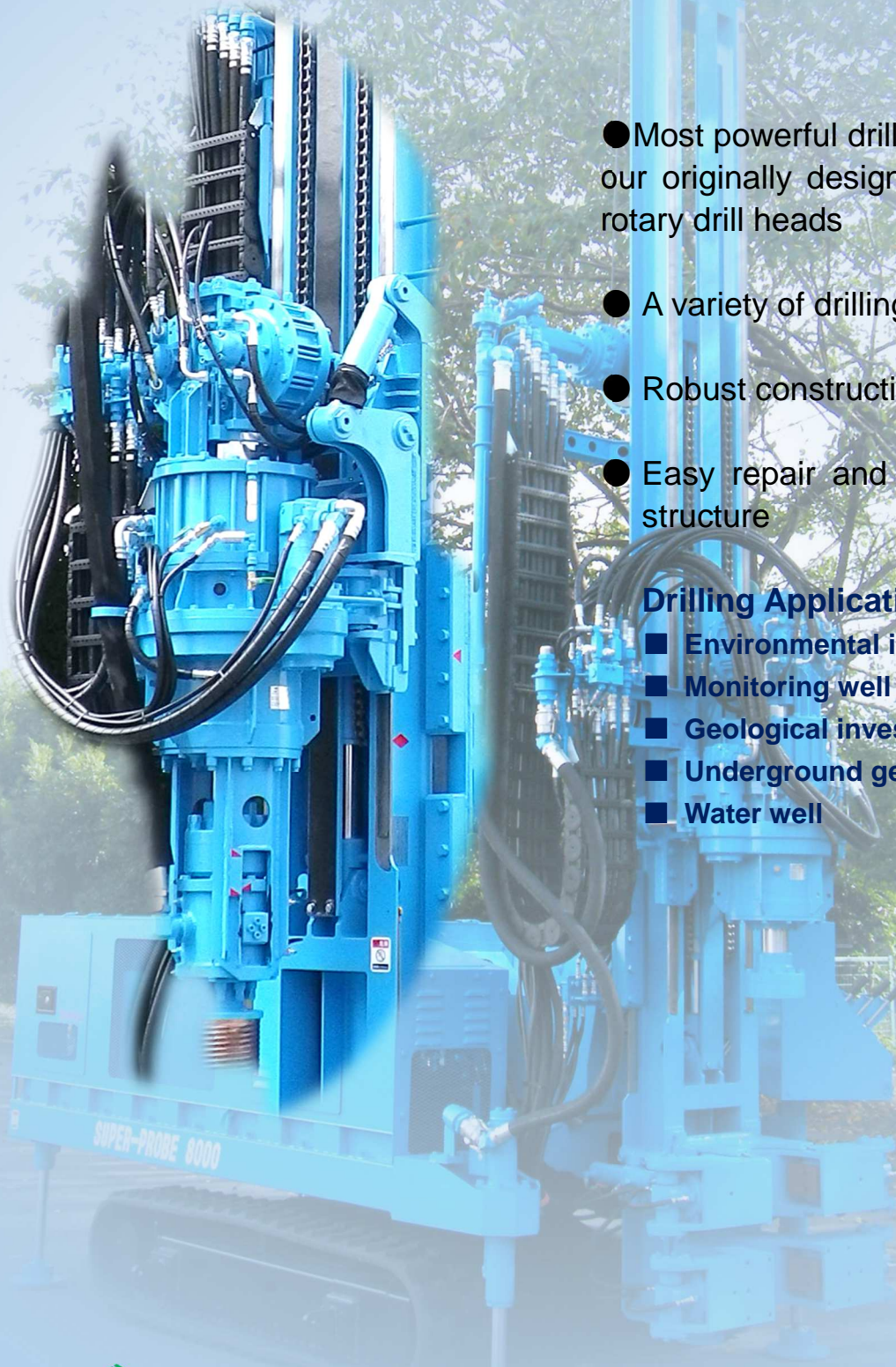


SP-8000 VIBRATORY-ROTARY DRILL HEAD



- 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

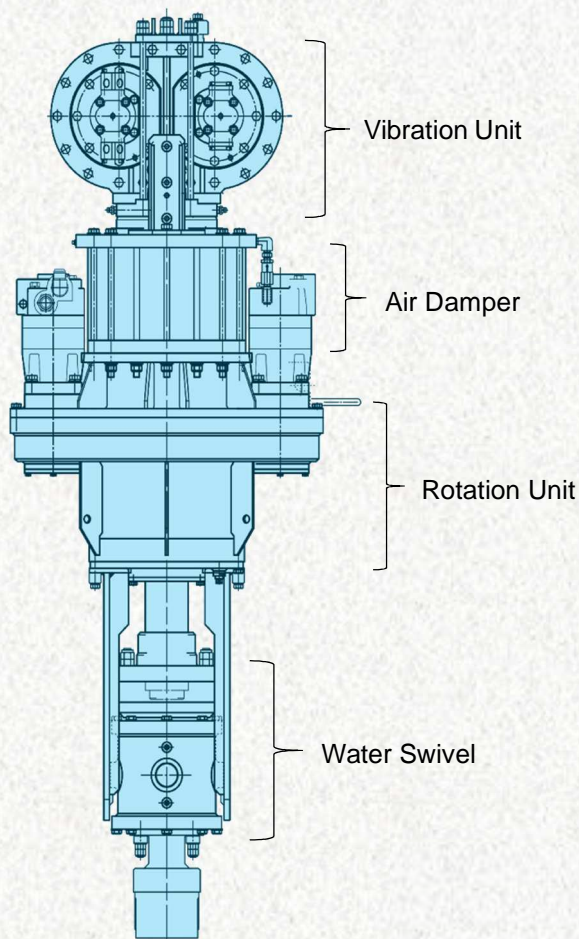
- Environmental investigation
- Monitoring well
- Geological investigation
- Underground geothermal hole
- Water well



TOA-TONE BORING CO., LTD.

URL: <http://www.toa-tone.jp>

DRILL HEAD COMPONENTS



SP-8000 DRILL HEAD TECHNICAL SPECIFICATIONS

Vibration Unit	
Type	Hydraulic motor driven
Max. frequency	4,000 cpm
Max. vibration force	78.4 kN
Flow rate for motor	123.7 L/min.
Operating pressure	20.1 MPa
Air Damper	
Operating pressure	0.7 MPa
Air flow rate	Min. 8 L/min at 0.7 MPa
Rotation Unit	
Type	Hydraulic motor driven
Rotation speed	Low: 0 - 27 min ⁻¹
	High: 0 - 54 min ⁻¹
Torque	Low: 5.4 kN-m
	High: 2.7 kN-m
Flow rate for motor	82 L/min.
Operating pressure	17.5 MPa

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

Underground Geothermal Hole



Environmental Investigation



Geological Investigation



TOA-TONE BORING CO., LTD.

3-7 Roppongi 7-chome, Minato-ku, Tokyo 106-0032, Japan

Phone: 81-3-5775-3921 Fax: 81-3-5775-3967

