

# 10 TONE "SP-50" VIBRATORY-ROTARY DRILL

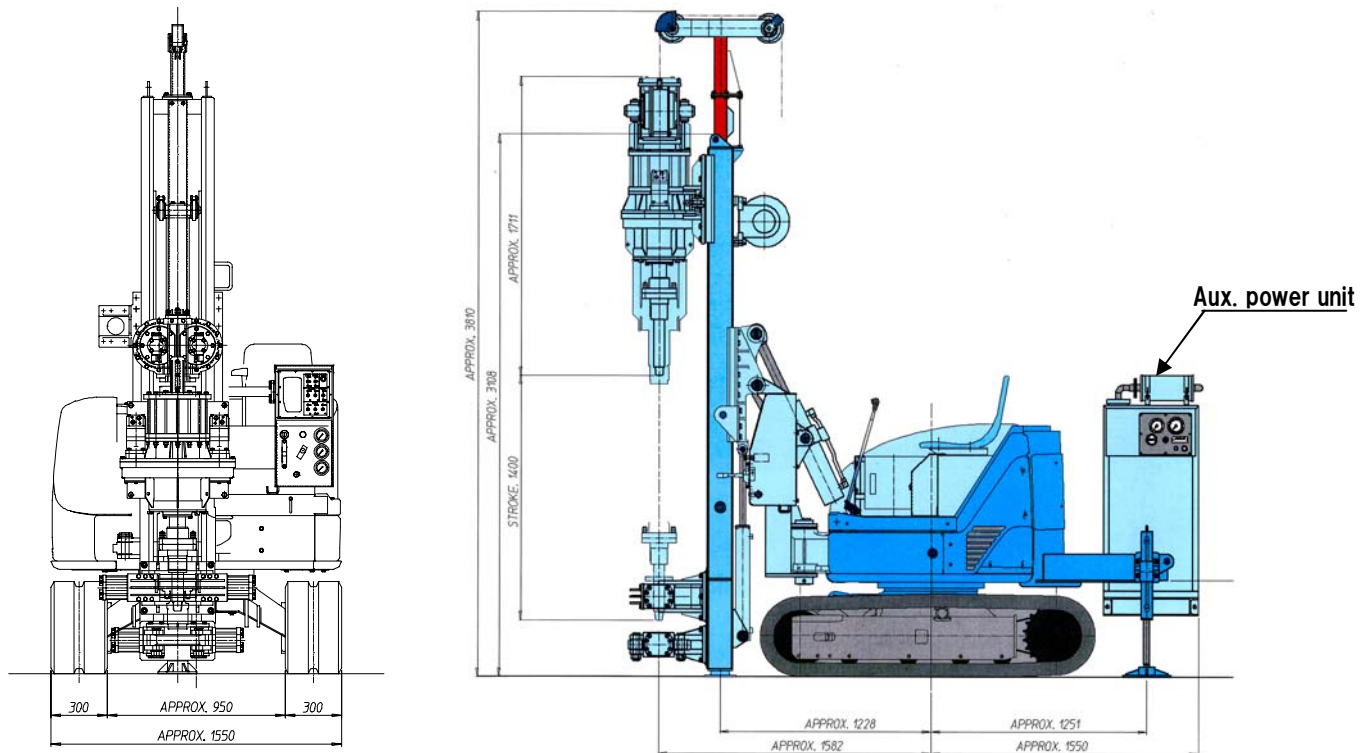
**Aux. power unit is provided on the same base machine as that of "EP-26" to enable more deeper and wider drilling applications**



**TOA-TONE BORING CO., LTD.**

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

# SP-50 DIMENSIONS & SPECIFICATIONS



<b>Drill Head</b>		<b>Mast</b>	
Type	Hydraulic motor driven	Type	Hydraulically raised & lowered
Rotation speed	Low: 25 min <sup>-1</sup>	Slide stroke length	500 mm
	High: 50 min <sup>-1</sup>	Head sheave	Manual slide, 730mm stroke
Rotating torque	Low: 4.46 kN-m	<b>Hoist</b>	
	High: 2.23 kN-m	Type	Hydraulic motor driven
<b>Feed System</b>		Pulling capacity	6.9 kN
Type	Hydraulic cylinder with chain	Hoisting speed	0 – 50 m/min.
Feed force	20 kN	Rope size	5.0 mm x 23 m
Balance force	93.2 kN	<b>Breakout System</b>	
Feed speed	0 – 9.2 m/min. (normal)	Type	Hydraulic cylinder
	Max. 27.0 m/min. (quick)	Applicable pipe size	60 mm – 230 mm(8-5/8")
Balance speed	0 – 3.7 m/min. (normal)	<b>Base Machine</b>	
	Max. 11.1 m/min. (quick)	Bucket capacity	0.08 m <sup>3</sup>
Stroke length	1500 mm	Engine output	26.7 PS/ 2200 min <sup>-1</sup>
<b>Oscillator</b>		<b>Aux. power unit (for drill head rotation)</b>	
Type	Hydraulic motor driven	Engine output	22.9 PS/2100 min <sup>-1</sup>
Frequency	3870 cpm	<b>Weight</b>	
Vibration force	63 kN	Total	Approx. 4,350 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.

 **TOA-TONE BORING CO., LTD.**

3-7 Roppongi 7-chome, Minato-ku, Tokyo 106-8552,  
Japan  
Phone: 03-5775-3921 Fax: 03-5775-3967  
ULR: <http://www.toa-tone.jp>



Agent/Distributor