

ECO-PROBE VIBRATORY-ROTARY DRILL "EP-26N"

ADVANCED DRILL FOR ENVIRONMENTAL INVESTIGATION

FEATURES

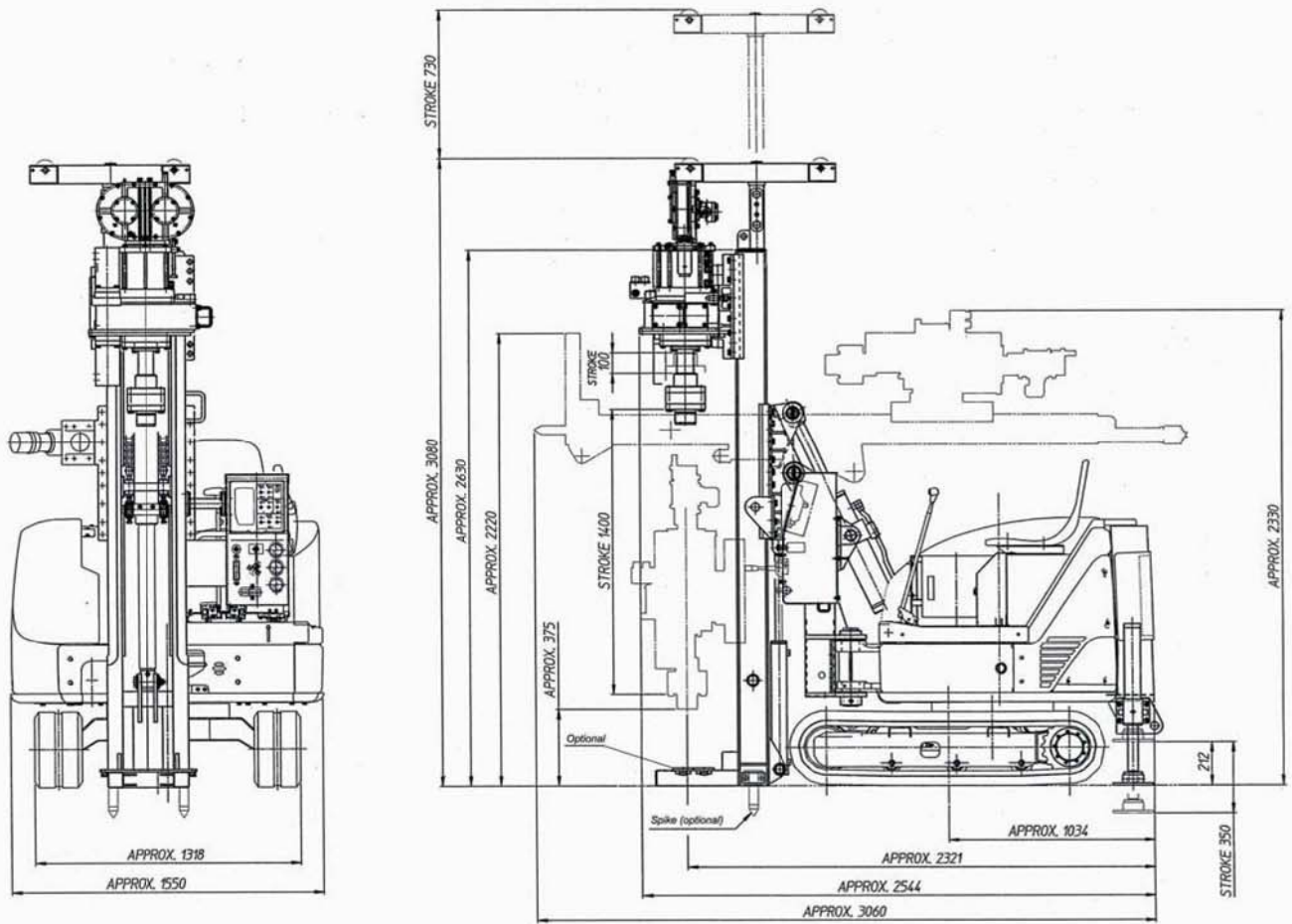
- ◆ More durable spindle by enlarging its minimum outer diameter to withstand eccentric stress caused by hole deflection
- ◆ Increase of strength of drill head by changing gear case material
- ◆ Easier repair and maintenance works to save the cost
- ◆ Gained better noise reduction
- ◆ Available optional longer feed stroke to handle 1.5 m drill rod to improve workability
- ◆ Available optional hydraulic rod clamp



TOA-TONE BORING CO., LTD.

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

EP-26N DIMENSIONS & SPECIFICATIONS



ROTARY HEAD		MAST	
Type	Hydraulic motor driven	Type	Hydraulic cylinder for raise & lower
Rotation speed	LOW 30 min ⁻¹	Slide stroke	500 mm
	HIGH 60 min ⁻¹	Head sheave	Manual slide, stroke 730 mm
Rotation torque	LOW 3.2 kNm	HOIST	
	HIGH 1.6 kNm	Max. hoisting capacity	3.9 kN
FEED SYSTEM		Line speed	0 - 50 m/min.
Type	Hydraulic cylinder with chain	Wire rope	5 mm x 23 m
Max. feed force	20.0 kN	BASE MACHINE	
Max. balance force	93.2 kN	Type	Hydraulically driven
Feed speed	0-3.7 m/min. Max.11.1 m/min.	Model	HITACHI ZX27U2/17
Feed stroke	1.4 m (Option: 1.9 m)	Engine output	19.7 kW/2200 min ⁻¹
VIBRATION HEAD		WEIGHT	
Max. frequency	4000 cpm (67 Hz)	Total weight	Approx. 2.69 ton
Max. vibration force	38 kN		

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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