

* The above picture is an equipment with options and may differ from the actual product.

THE BEST SOLUTION FOR FOUNDATION CIVIL ENGINEERING | A COMFORTABLE DRIVING SOLUTION | HIGH-TORQUE TINY PILE DRIVER | ECO-FRIENDLY STAGE-V ENGINE



BUMA *Trust cannot be replaced*
REXOME
TP Series

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REXOME

Tiny Piling Rig

THE BEST SOLUTION FOR FOUNDATION CIVIL ENGINEERING

BUMA Rexome series provides the best solution to shorten the project period and reduce the cost of project by increasing the efficiency of work.



ROBUST AND SAFE DESIGN

- Reinforced base deck frame [UPGRADE](#)
- Counter weight cover [NEW](#)
- Operator protection safety cabin [UPGRADE](#)
- Improved rollover stability. [UPGRADE](#)



EASY OPERATION AND COMFORTABLE CABIN

- Joystick controller [NEW](#)
- Automatic drilling system [NEW](#)
- Proportional control hydraulic system (for drilling) [NEW](#)
- Wireless remote start and control system [NEW](#)
- Full automatic heating and cooling system [NEW](#)
- Wide viewing angle for improved work efficiency [NEW](#)
- Drilling data logging management system [NEW](#)
- Multiview system through the Android app [NEW](#)



EASY AND QUICK SERVICEABILITY

- System diagnostic maintenance system [BODAS service](#)
- Quick after sales service [NEW](#)
- Long lifetime filters [UPGRADE](#)



BEST SAFETY SOLUTION

- Safety interlocking system [NEW](#)
- Functional safety [NEW](#)
- Low vibration cabin [NEW](#)
- 4-channel surround view monitoring system [NEW](#)
- RCTA (Rear Cross Traffic Alert) [NEW](#)



HIGHEST PRODUCTIVITY COMBINED WITH ECO-FRIENDLINESS

- Eco-friendly stage-v engine [NEW](#)
- Rack gear auger elevation system [NEW](#)
- Low noise auger driver [UPGRADE](#)
- Enhanced cooling system [UPGRADE](#)
- Intelligent automatic RPM control [NEW](#)



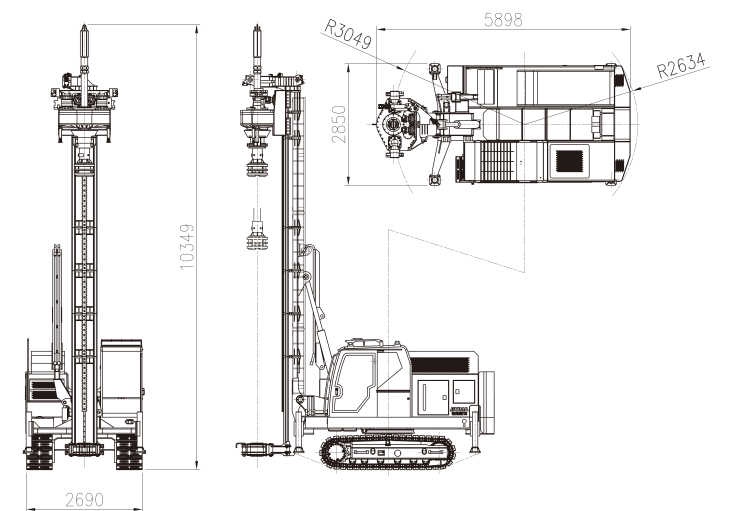
CERTIFICATION



SPECIFICATIONS

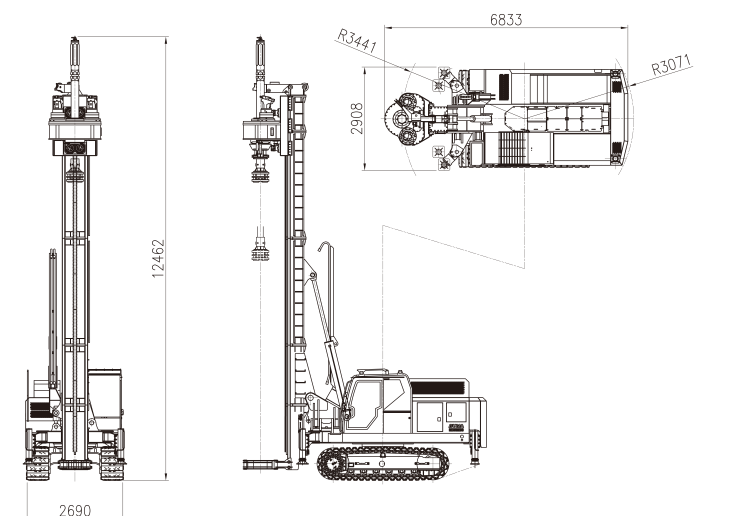
REXOME TP15

MODEL	REXOME 15
DRILLING TORQUE	46.5~143 kN.m
DRILLING SPEED	5~31 rpm
PULL DOWN FORCE	10.5 ton
PULL DOWN SPEED	5.1~10.3 m/min
WINCH PULLING FORCE	900 Kg
TRANSPORTATION WEIGHT	18.5 ton
TOTAL WEIGHT	23.0 ton
DIMENSION (MM)	2850W x 5898L x 10349H



REXOME TP33

MODEL	REXOME 33
DRILLING TORQUE	112~346 kN.m
DRILLING SPEED	4.2~13 rpm
PULL DOWN FORCE	10.4~20.8 ton
PULL DOWN SPEED	6.4~12.8 m/min
WINCH PULLING FORCE	2,500 Kg
TRANSPORTATION WEIGHT	30.0 ton
TOTAL WEIGHT	37.0 ton
DIMENSION (MM)	2908W x 6833L x 12462H



HIGHEST PRODUCTIVITY COMBINED WITH ECO-FRIENDLINESS



NEW

ECO-FRIENDLY STAGE-V ENGINE

Volvo Engine's TAD581VE series is an engine that exhibits high performance and high output through efficient combustion through optimized SCR/DPF technology and is effective in reducing noise and fuel consumption. Therefore, the replacement cycle of consumables is long, enabling economical operation.



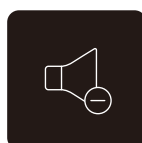
WORK
EFFICIENCY

15%↑



IMPROVED
FUEL EFFICIENCY

8%↑



ENHANCED
COOLING SYSTEM

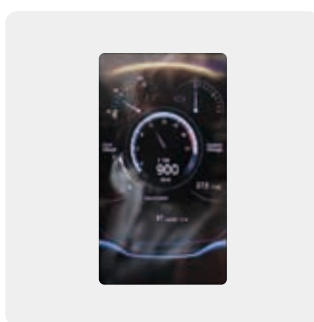
102dB↓



NEW

ENHANCED COOLING SYSTEM

The radiator equipped with a large fan has an excellent effect on dissipating engine heat, and the external oil cooling system lowers the heat generated inside the hydraulic system, enabling optimal operation.



NEW

INTELLIGENT AUTO- MATIC POWER CONTROL

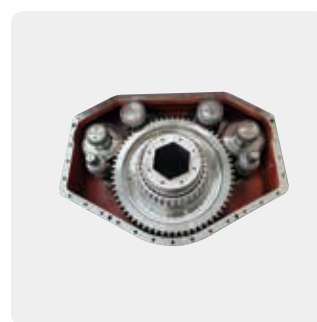
Optimize pump flow rate and power in a variety of operating conditions. It also helps improve fuel efficiency based on energy loss reduction technology.



NEW

RACK GEAR AUGER ELEVATION SYSTEM

It exhibits fast excavation ability with strong driving and extracting force through rack & pinion gear. In addition, the auger-free function enables stable initial excavation.



NEW

LOW NOISE AUGER DRIVER

While demonstrating high output, it exhibits excellent effects on powerful power transmission and low noise through helical gears, and greatly increased durability.

BEST SAFETY SOLUTION



SAFETY INTERLOCKING SYSTEM **NEW**

It prevents various safety accidents by using gyro sensor, side ultrasonic sensor, limit switch, and encoder, and blocks dangerous driving by various interlocking systems.



Low vibration cabin **UPGRADE**

An anti-vibration system is installed at the bottom of the cabin to minimize vibration during drilling and engine vibration.



4-CHANNEL SURROUND VIEW MONITORING **NEW**

4-channel surround view monitoring system can prepare for safety by predicting accidents that occur around equipment while driving by installing a camera in a blind spot where the driver cannot see.



Functional safety **NEW**

Accidents caused by driver's mistakes or system errors are identified in advance to reduce the risk and improve driving safety.



MONITORING SYSTEM

EMERGENCY STOP BUTTON

4-CHANNEL SURROUND VIEW

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COMFORTABLE USABILITY

A CONTROL SYSTEM THAT IS SAFE AND EASY FOR BEGINNERS TO DRIVE.

1 **NEW**

AUTOMATIC DRILLING SYSTEM

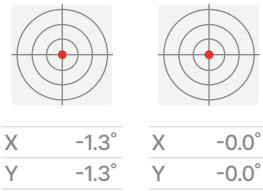
When the user sets the drilling speed, pressure data is received to support convenient drilling work in an optimal condition.

2 **COMING SOON**

AUTOMATIC VERTICALITY CONTROL SYSTEM

Using the detected verticality data, the mast verticality is accurately controlled, and the operator can set the verticality directly without the help of other crews.

MAST INCLINATION PILING RIG INCLINATION



3 **UPGRADE**

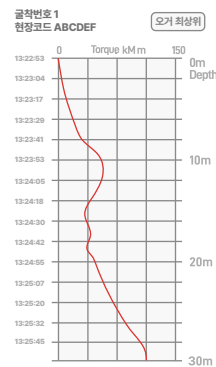
INTEGRATED JOYSTICK CONTROL SYSTEM

A joystick capable of precise control is installed, enabling smoother operation than manual type levers. In addition, easy and convenient operation is possible as functions are integrated and used in one place.

4 **UPGRADE**

DRILLING DATA LOGGING MANAGEMENT SYSTEM

Data necessary for piling work (time, depth, speed, torque, press force, slope, etc.) are automatically recorded, and stored as flash memory for convenient use.



REXOME 15 - 작업데이터
작업번호 44 / 현장코드 ABCDEF / 날짜 2022-03-03

시간	심도	회전속도 (r/min)	토크 (kN.m)	압입력 (kN)	리더기울기 x	리더기울기 y
13:23:55	0	10.3	143.1	103	0.1	-0.1
13:23:56	0.5	10.3	143.1	103	0.2	-0.2
13:23:59	1.0	10.3	143.1	103	0.2	0
13:24:00	1.5	10.3	143.1	103	0.2	1
13:24:10	2.0	10.3	143.1	103	0.1	2
13:24:20	2.5	10.3	143.1	103	0	1
14:23:55	3.0	10.3	143.1	103	-0.1	1
14:23:56	0	10.3	143.1	103	0.1	-0.1
14:23:56	0.5	10.3	143.1	103	0.2	-0.2
14:24:01	0.5	10.3	143.1	103	0.2	-0.2

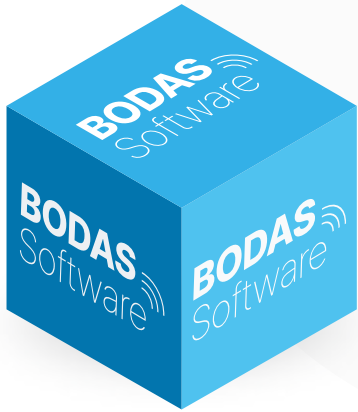


5 **UPGRADE**

WIDE VIEWING ANGLE FOR IMPROVED WORK EFFICIENCY

The interior design of the cabin in consideration of the driver's working environment and field of view enhances work efficiency with wide front and side views.

BODAS Software



QUICK AFTER SALES SERVICE **NEW**

We provide services that customers want, such as maintenance, repair, training, and sales of consumables. If necessary, after sales service teams are organized domestically and overseas to respond at all times.



SYSTEM DIAGNOSTIC MAINTENANCE SERVICE [BODAS SERVICE] **COMING SOON**

It is a system that can use data collection and parameters to meet various customer requirements and to check and diagnose equipment data.



LONG LIFETIME FILTERS **UPGRADE**

Engine oil, engine oil filter and fuel filter service intervals have been improved by 200% compared to the previous generation.



6 **NEW**

MULTIVIEW SYSTEM THROUGH THE ANDROID APP

Through the Android-based application, managers and crews can easily connect and view real-time working data information.



7 **NEW**

WIRELESS REMOTE START AND CONTROL SYSTEM

Wireless remote start and control system enables remote start and operation from a safe point outside of the cabin when it is difficult to operate the machine in specific areas such as a narrow or dangerous areas.