



evomaq®
EQUIPAMENTOS

CATALOG E1000/31



**CONSTANT
EVOLUTION**

CONTINUOUS FLIGHT AUGER DRILL (CFA DRILL)

EVOMAQ®

SPECIAL FEATURES

E1000/31

- PANTOGRAPH
- TORQUE OF 22.000 KGF.M
- 360° ROTATION
- EXTENDABLE TRACKS
- EXCLUSIVE HYDRAULIC VISE
FOR ALL DIAMETERS
- CABIN WITH MORE COMFORT
AND TECHNOLOGY
- ROBUST EQUIPMENT



COMPONENTS

- MONITORING COMPUTER
- CONTROL PANEL
- HYDRAULIC TOWER ADJUSTMENTS
- TURRET FOOT

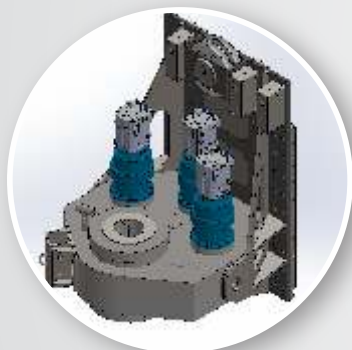


SPECIAL FEATURES



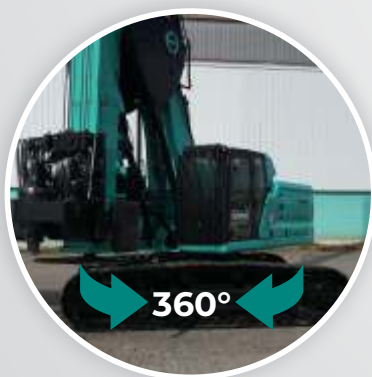
PANTOGRAPH

This system allows the disassembled machine to meet the required transport dimensions, optimizing time on the construction site. It enhances mobility and safety, enabling pile installation near the slope limit and significantly reducing the risk of landslides. Another great advantage of this device is the ease of being able to perform the largest number of piles without the need to move the treadmill of the equipment.



TORQUE OF 22.000 KGF.M

Our latest drilling head model has been reinforced! The three LINDE robust hydraulic motors are now larger. Compared to previous versions, they are coupled in three powerful BREVINI reducers, which combined with high diesel power and a well-designed hydraulic system, achieves an impressive torque of 22,000 kgf.m.



360° ROTATION

EVOMAQ has used techniques and features to provide a 360° ROTATION around the equipment to maximize use, productivity and safety.

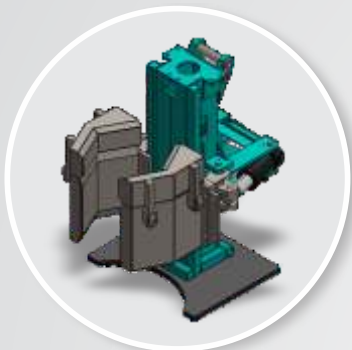


EXTENDABLE TRACKS

To achieve the 31-meter drilling capacity of our equipment, we designed larger, more resistant and, above all, more stable tracks, providing greater safety in operations within construction sites. We also installed a hydraulic device that widens the tracks by more than 1 meter, offering even more stability during maneuvers and carrying out work.

SPECIAL FEATURES

WWW.EVOMAQ.COM.BR



EXCLUSIVE HYDRAULIC VISE FOR ALL DIAMETERS

To keep the auger alignment during the drilling, the drill of EVOMAQ® has an exclusive hydraulic vise system for all diameters, facilitating and ensuring enhanced safety for individuals involved in the operation.



CABIN WITH MORE COMFORT AND TECHNOLOGY

Enjoy all the comfort and technology that the excavator chassis can offer you in this modality. The interior of the cabin also gains a bit more space. Check it out!

COMPONENTS

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MONITORING COMPUTER

The EVOMAQ® Continuous Flight Auger Drill (CFA) has a high-tech monitoring computer that generates accurate, real-time data on drilling and concreting, through detailed graphics, providing reliability for the customer.

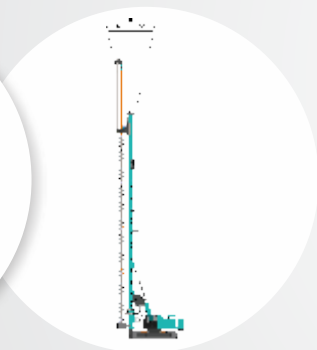


CONTROL PANEL

With an easy-to-operate, intuitive and strategically located instrument panel, the operator has complete control over the equipment.



TOWER SIDE SLOPE



TOWER ELEVATION

HYDRAULIC TOWER ADJUSTMENTS

In addition to greater agility, the hydraulic adjustments of the tower are essential for the safe displacement of the machine on construction site. When in movement, the tower can be tilted sideways and backwards, maintaining the center of gravity and providing even more safety for the operation.



TURRET FOOT

In order to provide greater stability and safety when executing the pile, the turret foot has large dimensions, ensuring higher machine stability and precision when the auger is removed.

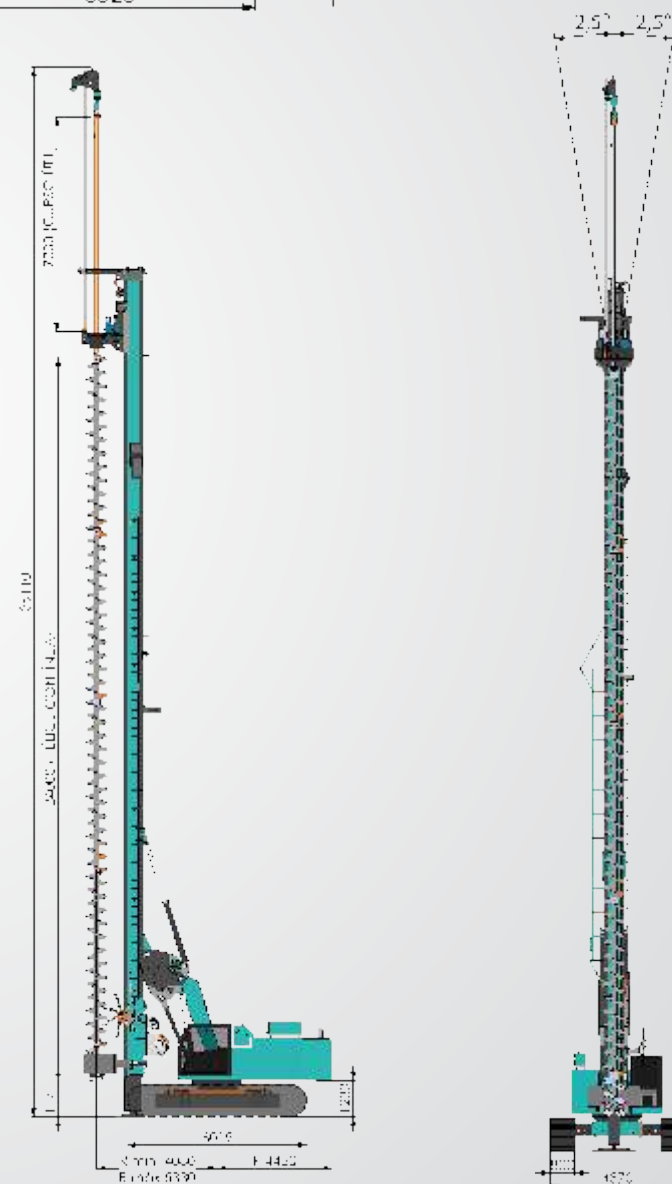
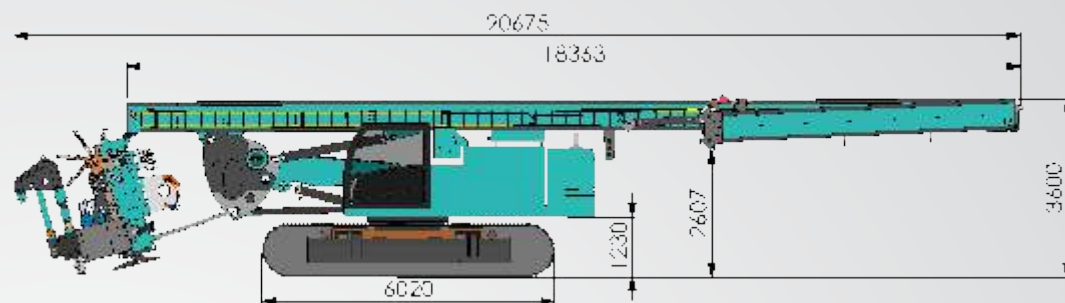
TECHNICAL SPECIFICATIONS

Minimum drilling diameter	300 mm
Maximum drilling diameter	1000 mm
Maximum drilling depth	31m (24 + 7)
First gear rotation	14 RPM
Second gear rotation	20 RPM
Third gear rotation	28 RPM
Fourth gear rotation	34 RPM
Drilling torque	22.000 kgf.m
Extraction force	116.000 kgf
Total Height (Work)	35110 mm
Total Height (Transport)	3600 mm
Total Length (Work)	11000 mm
Total Length (Transport)	20675 mm
Effective Stroke of the Pantograph	1300 mm

DRILL RIG MODEL



Overall equipment width (transport)	3170 mm
Overall equipment width (operational)	4370 mm
Total track shoe width	800 mm
Track length	6000 mm
Total equipment weight (transport)	63 ton*
Net engine power	304cv*





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