EVOMAQ®
EQUIPAMENTOS

CATALOG
E80/25
CONTINUOUS FLIGHT AUGER DRILL EVOMAQ ®

CONSTANT EVOLUTION

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CONTINUOUS FLIGHT AUGER DRILL (CFA DRILL)

EVOMAQ®

E80/25

SPECIAL FEATURES

- CABIN WITH MORE COMFORT AND TECHNOLOGY
- DRILLING HEAD WITH HIGH PERFORMANCE
- ROBUST EQUIPMENT
- HYDRAULIC VISE MORSA HIDRÁULICA ÚNICA PARA TODOS DIÂMETROS

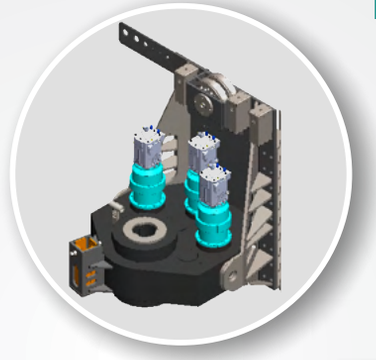
COMPONENTS

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

SPECIAL FEATURES

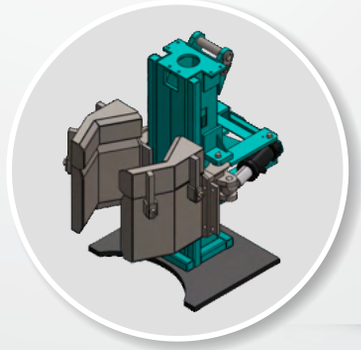
CABIN WITH MORE COMFORT AND TECHNOLOGY

Experience the full spectrum of comfort and cutting-edge technology that the excavator chassis has to offer. In this version, you'll also notice a slight expansion of interior space. Take a closer look!



DRILLING HEAD

Our drilling head remains compact, but for this equipment version, it has received reinforcements! In this model, the hydraulic motors, which are larger in relation to other versions, are coupled to three powerful reducers, which combined with high diesel power and a very well dimensioned hydraulic structure allow this model to reach 18,000 kgf.m of torque.



EXCLUSIVE HYDRAULIC VICE 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.

COMPONENTS

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 EVOMAQ drill rig 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.

EVOLUTION

EVOMAQ Large Drilling Rigs offer a series of options for excellent service on your construction sites. Especially when demands require:

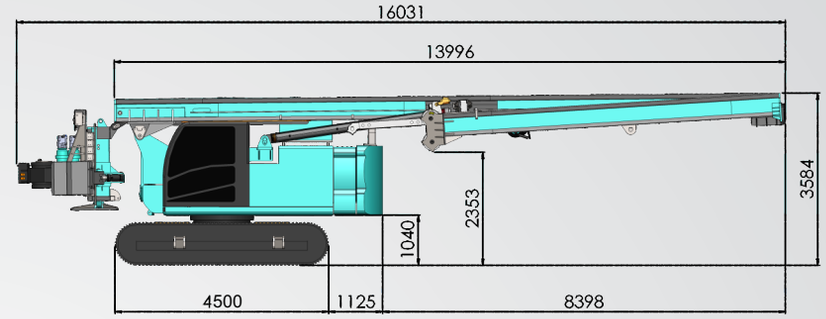
- High performance with high torque
- High load capacity with diameters up to 800 mm
- Depth up to 25 meters

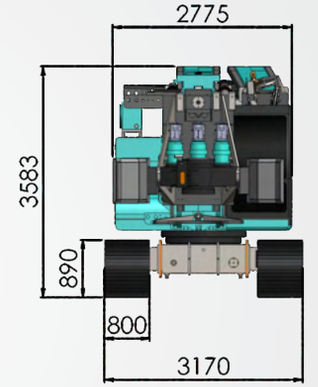
Considerable Reduction in Auger and Key Maintenance with TOP DRIVE Technology! These are high-performance equipment, advanced technology and operational competitiveness. According to customer requirements, EVOMAQ can offer customization of models.

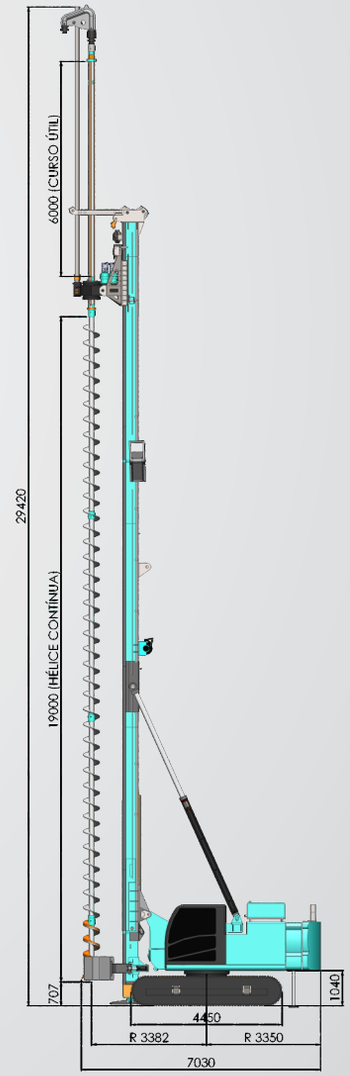
TECHNICAL SPECIFICATIONS

Minimum drilling diameter	300 mm
Maximum drilling diameter	800 mm
Maximum drilling depth	25m (19 + 6)
First gear rotation	14 RPM
Second gear rotation	19 RPM
Third gear rotation	24 RPM
Fourth gear rotation	33 RPM
Drilling torque	18.000 kgf.m
Extraction force	64.000 kgf
Overall equipment width (transport)	3170mm*
Overall equipment width (operational)	4370mm*
Total track shoe width	800mm
Track length	4500mm*
Total equipment weight (transport)	44 Ton*
Engine power	159cv
Total Height (Work)	29420mm*
Total Height (Transport)	3584mm*
Total Lenght (Work)	7030mm*
Total Lenght (Transport)	16031mm*

Excavators for adaptation







** Technical specifications, dimensions and weight of the equipment, depending on the model chosen.*

** For other chassis manufacturers, project development will be required.*

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EQUIPAMENTOS

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