



**evomaq**<sup>®</sup>  
EQUIPAMENTOS

# CATALOG

# E50/20

CONTINUOUS FLIGHT AUGER  
DRILL UNDER EXCAVATOR CHASSIS



**CONSTANT  
EVOLUTION**

# CONTINUOUS FLIGHT AUGER DRILL (CFA DRILL)

EVOMAQ<sup>®</sup>

**E50/20**

## SPECIAL FEATURES

- CABIN WITH MORE COMFORT AND TECHNOLOGY
- STRONG AND COMPACT DRILLING HEAD
- 360° ROTATION
- EXCLUSIVE HYDRAULIC VISE FOR ALL DIAMETERS



# COMPONENTS

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

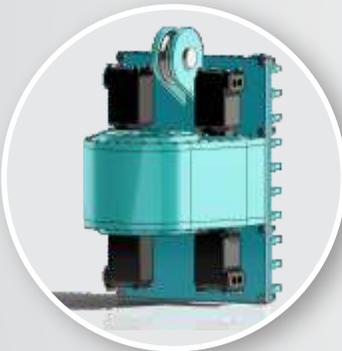


# SPECIAL FEATURES



## 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!



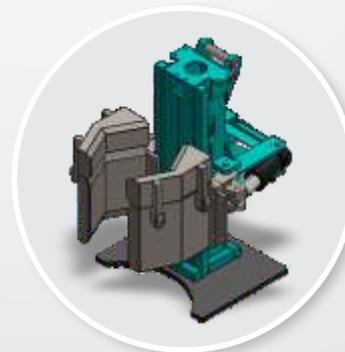
## DRILLING HEAD

Designed to work with 4 hydraulic motors reaching a maximum torque of 5,000 kgfm, and still compact, the E50/20 offers its customers less component wear and a significant increase in production. All this without compromising its greatest advantage, which is the execution of piles next to neighboring buildings.



## 360° ROTATION

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



## 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.

# COMPONENTS



## CONTROL PANEL

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



## 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.



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.

# COMPONENTS

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## CONVEYORS



At EVOMAQ, meticulous planning allows us to select the ideal chassis or tracks model that seamlessly adapts to various soil types, enhancing maneuverability and overall performance.

## 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.

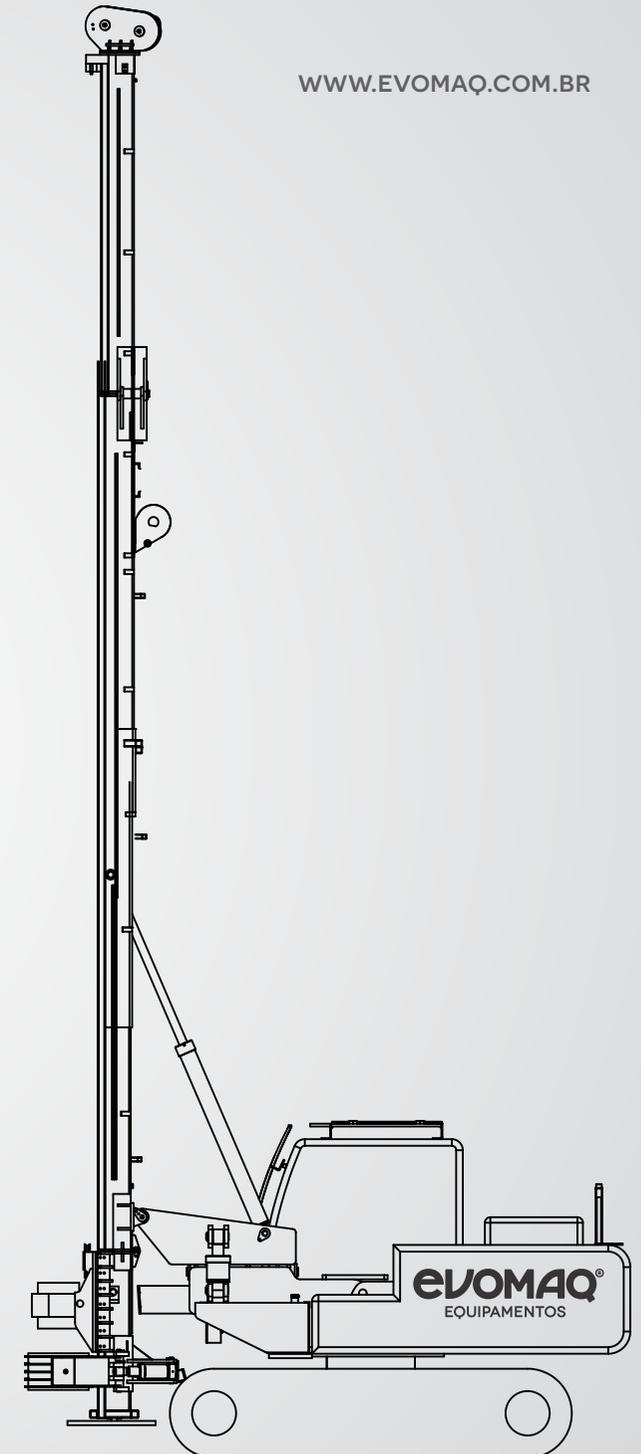
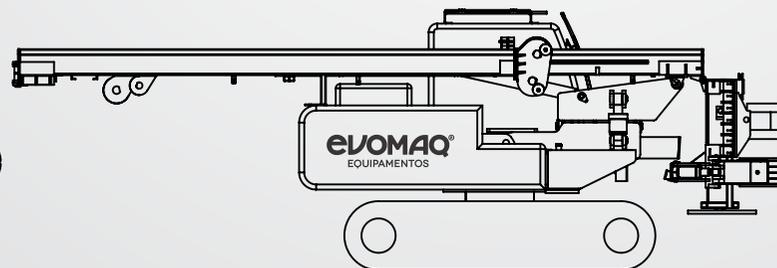
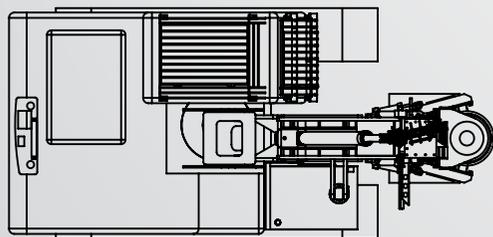
# TECHNICAL SPECIFICATIONS

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Minimum drilling diameter	250mm
Maximum drilling diameter	500mm
Maximum drilling depth	20m (14+6)
Maximum torque	5.000kgf.m
Extraction force	32.000kg
Overall equipment width	
Overall track shoe width	
Total track length	
Maximum transfer speed	
Diesel engine	
Total equipment weight	

\* 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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