

## ENTECO E9080 DR

### Innovative Double Rotary Equipment

*Enteco is proud to introduce a very innovative double rotary rig assembly for cased CFA piles, with a newly patented system for discharge and recovery of the excavated material.*



**ENTECO** high productivity hydraulic rig **E9080** is now available with a new double rotary assembly for **cased CFA drilling**, especially designed for secant piles with casing protection, **and a revolutionary patented system for recovery and discharge of the excavated material.**

This new system has been designed to easily collect drilled materials in order to have a clean drilling area, reducing cleaning timing and increasing the general safety of the drilling area.

E9080 model with double rotary is equipped with an upper rotary table for CFA augers and a lower rotary table to drive casings.

The two rotary tables are working simultaneously and rotating one opposite to the other.

The rotary for the augers is equipped with a concrete swivel and an interlocking auger extension.

The rotary for the casings is provided with an universal joint and a casing drive adaptor.

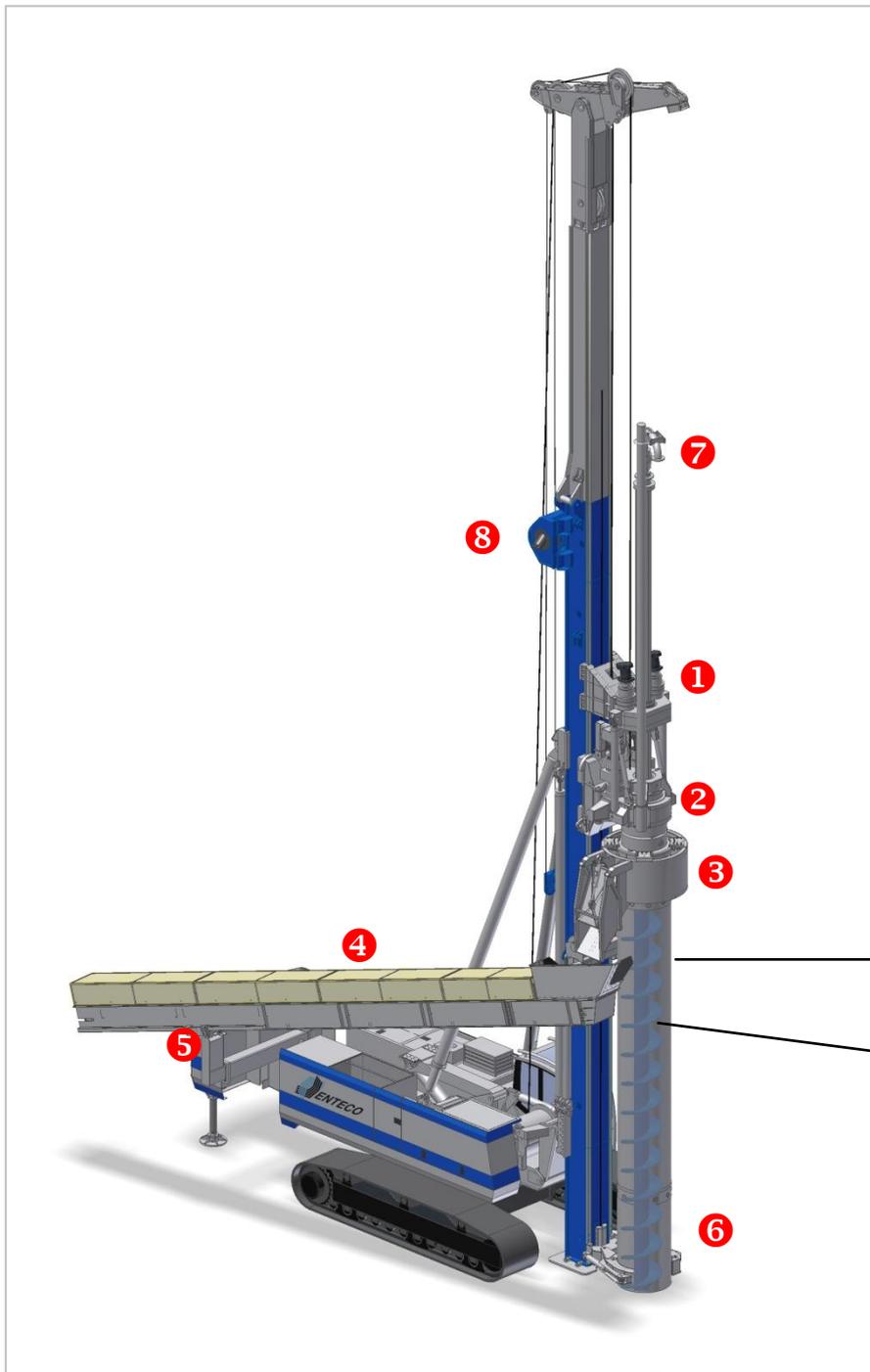
The lower part of this rotary is designed with a spoil collector cap connected to a conveyer belt, hydraulically driven and provided with steel protection. The conveyer is installed on board of the rig.

A rear telescopic frame is applied to adjust the inclination and the lateral displacement of the conveyer.

Drilled material is transported by the conveyer belt to the rear side of rig, ready to be discharged for disposal on a truck.

# ENTEKO E9080 DR

## COMPONENTS



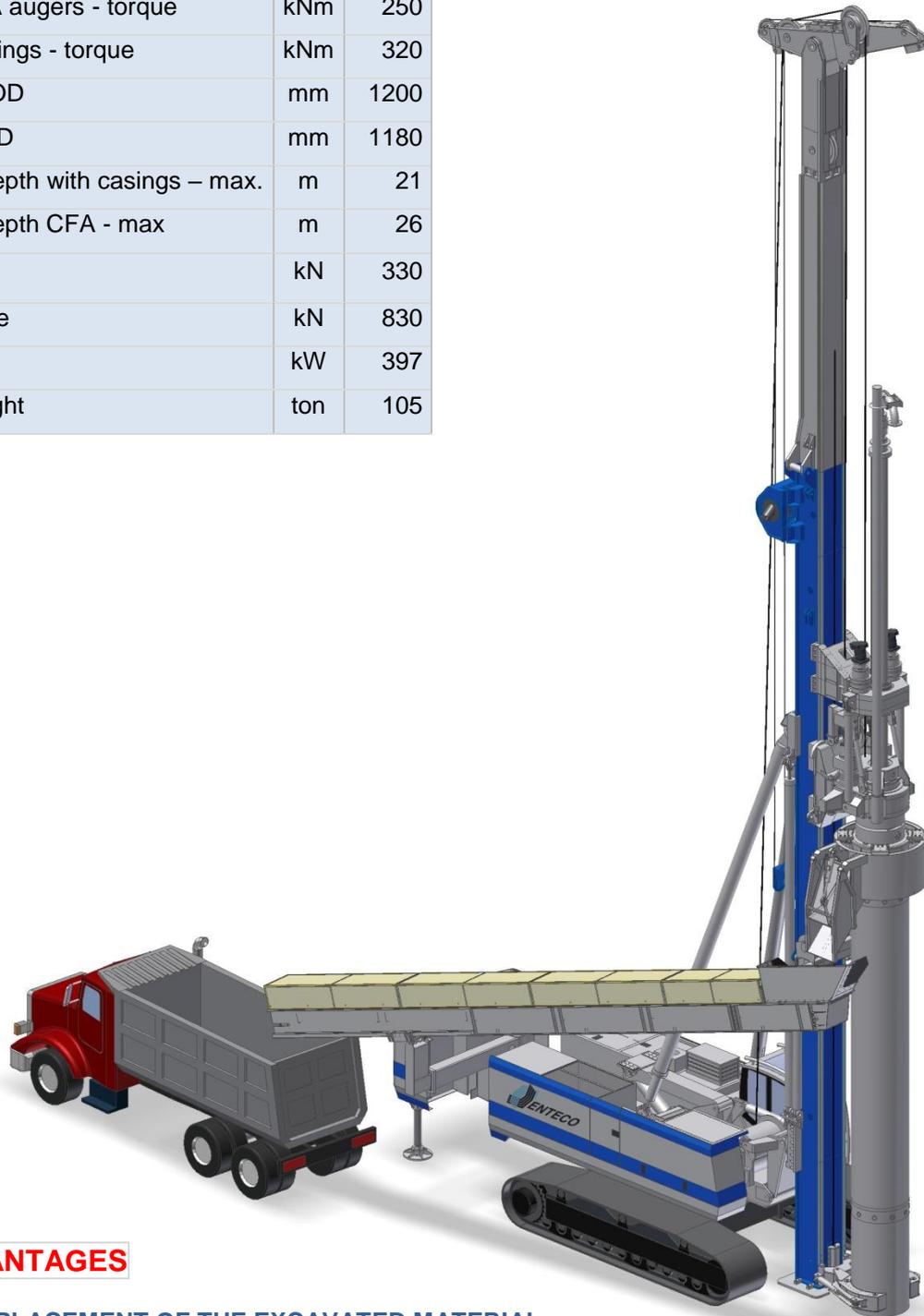
- ① ROTARY FOR AUGERS
- ② ROTARY FOR CASINGS
- ③ MATERIAL COLLECTOR
- ④ CONVEYER BELT
- ⑤ BELT HINGED SUPPORT
- ⑥ CASING GUIDE
- ⑦ CONCRETE SWIVEL
- ⑧ CROWD WINCH

OUTER CASINGS

INNER AUGERS

### ENTEKO 9080 DR - MAIN FEATURES

Rotary for CFA augers - torque	kNm	250
Rotary for Casings - torque	kNm	320
Casings max OD	mm	1200
Augers max OD	mm	1180
Total drilling depth with casings – max.	m	21
Total drilling depth CFA - max	m	26
Crowd force	kN	330
Extraction force	kN	830
Engine power	kW	397
Operating weight	ton	105



### MAIN ADVANTAGES

- ✓ EASY DISPLACEMENT OF THE EXCAVATED MATERIAL
- ✓ HIGHER PRODUCTIVITY
- ✓ CLEAN DRILLING AREA
- ✓ REDUCED RISK OF CONCRETE CONTAMINATION
- ✓ SAFE DRILLING AREA

