

# APAFOR® 700

Ref : U7\_71000101

## THE +

- +** Drilling in large diameter and deep depth until 500 meters and more (depending on diameter)
- +** Configuration on truck (any type, tropicalized on request...), crawler or skid
- +** Specific technical optimum characteristics according to customer's needs.
- +** Turnkey complete offer if wished (with equipments, air compressor, carriers, etc...)

## APPLICATIONS

- **Destructive drilling Rotary, Down The Hole Hammer and auger drilling**
- **RC drilling (reverse circulation)**
- **Conventional and wireline coring**
- **Optimum for deep water wells drilling, geothermal, foundations and mining**



### SKID AND EQUIPMENT

- Mechanically welded steel frame integrated to carrier
- 4 hydraulic jacks for stabilization
- Control over operating panel or articulated arm
- Hydraulic injection pump (performances according to model, until 2200 l/min)



### DRILLING MAST

- Minimum useful stroke of 3,8 m with extension for extraction of rods/casings of 6 meters (longer dimensions according to the model)
- Manipulation winch: force from 2.5 to 12 tons (according to models)
- Advance rock mast: stroke from 500 to 1000 mm
- Double rod clamps



### MOTORIZATION

- Engine from 90 to 300 HP (according to model)



### ROTATION HEAD

- Rotation head with 2 hydraulic engines
- Injection swivel air/water with floating shaft and compensation spring
- Hydraulic sliding of rotation head (inclined head in option)

## RANGE OF PERFORMANCES

**Pull-up force** 8 to 30 tons

**Torque** from 800 to 3000 daNm

**Rotation speed** from 150 to 1400 rpm

**OTHER PERFORMANCES AVAILABLE ON REQUEST**



## DATA ACQUISITION

(in option)

- ExploFOR® (see p.38)



### SAFETY DEVICES

- 3 emergency stops
- 3 working lights

**MANY OPTIONS AVAILABLE**  
foam pump, wireline winch,...  
**PLEASE CONSULT US**