

# APAFOR® 450

Ref: U45\_700002 (HATZ)

## THE +



- + Simple and robust versatile rig
- + Very attractive power weight ratio
- + Lowered center of gravity for better stability in rough sites

## APPLICATIONS

- Conventional and wireline coring
- Drilling with auger
- Drilling with rotary bit and DTH Hammer
- Micropiling
- Drilling with hydraulic Top Hammer
- Penetration test DPSH/SPT/Compaction control (in option)



### SKID AND EQUIPMENT

- Mechanically welded steel frame mounted on a fixed rubber track (width 140 cm)
- 4 hydraulic stabilization feet
- Rods rack and towing hook
- Remote moving control
- Injection pump (several options, please consult us)



### MOTORIZATION

- HATZ diesel engine 48HP soundproofed



### DRILLING MAST

- Useful stroke: 3,30 m
- Single or double rod clamps 8 tons
- Manipulation winch and hydraulic sliding of drilling head



### ROTATION HEAD

- Swift injection swivel at the top of the rotation head
- Flange with pin thread 2”3/8 IF /R38 box (other threads available)



### WEIGHT

- 2750 Kg (without option)

### DATA ACQUISITION

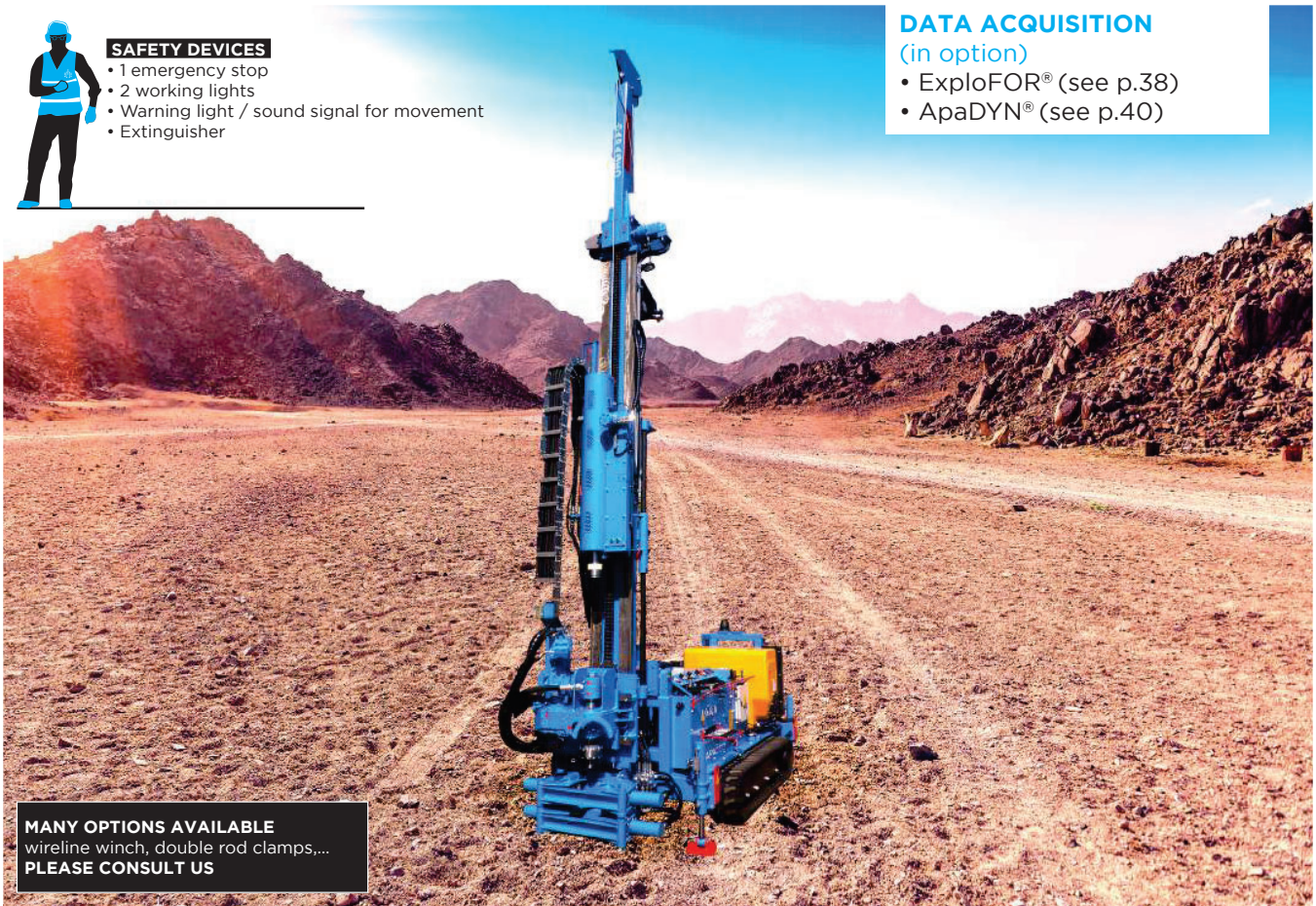
(in option)

- ExploFOR® (see p.38)
- ApaDYN® (see p.40)



### SAFETY DEVICES

- 1 emergency stop
- 2 working lights
- Warning light / sound signal for movement
- Extinguisher



MANY OPTIONS AVAILABLE  
wireline winch, double rod clamps,...  
PLEASE CONSULT US

## PERFORMANCES

STANDARD	HIGH SPEED
0 to 495 rpm	0 to 624 rpm
<b>Maximum torque</b>	
282 DaN.m	226 DaN.m

**Hydraulic hammer (option)** 205 joules/blow - 2 600 bpm

**Pull-up force** 2404 daN

**OTHER PERFORMANCES AVAILABLE ON REQUEST**