

HPM 180 +



Base

Model	CAT 330	
Engine model	CAT C7.1	
Power rating ISO 14396	205 kW	275 hp
Displacement	7.01 l	428 in ³
Fuel Tank	474 l	125.2 gal

Undercarriage

Undercarriage Type	CAT Variable Width	
Width:	3000 - 4270 mm	9'10" - 14'
Shoe Width:	720 mm	2'4"

Rotary

Rotary Torque (nominal)	254 kNm	188000 lb.ft
Max Effective Torque	216 kNm	160000 lb.ft
Working Speed	9-27 rpm	
Working Gears	10	
Discharge Speed	45-110 rpm	
Discharge Gears	10	

Main Winch

Max Pull Force	180 kN	40000 lbf
Starting Pull Force	205 kN	46000 lbf
Rope Speed	70 m/min	230 ft/min
Rope Diameter	24 mm	15/16"

Auxiliary Winch

Max Pull Force	75 kN	16900 lbf
Rope Speed	60-120 m/min	195-390ft/min
Rope Diameter	15 mm	19/32"

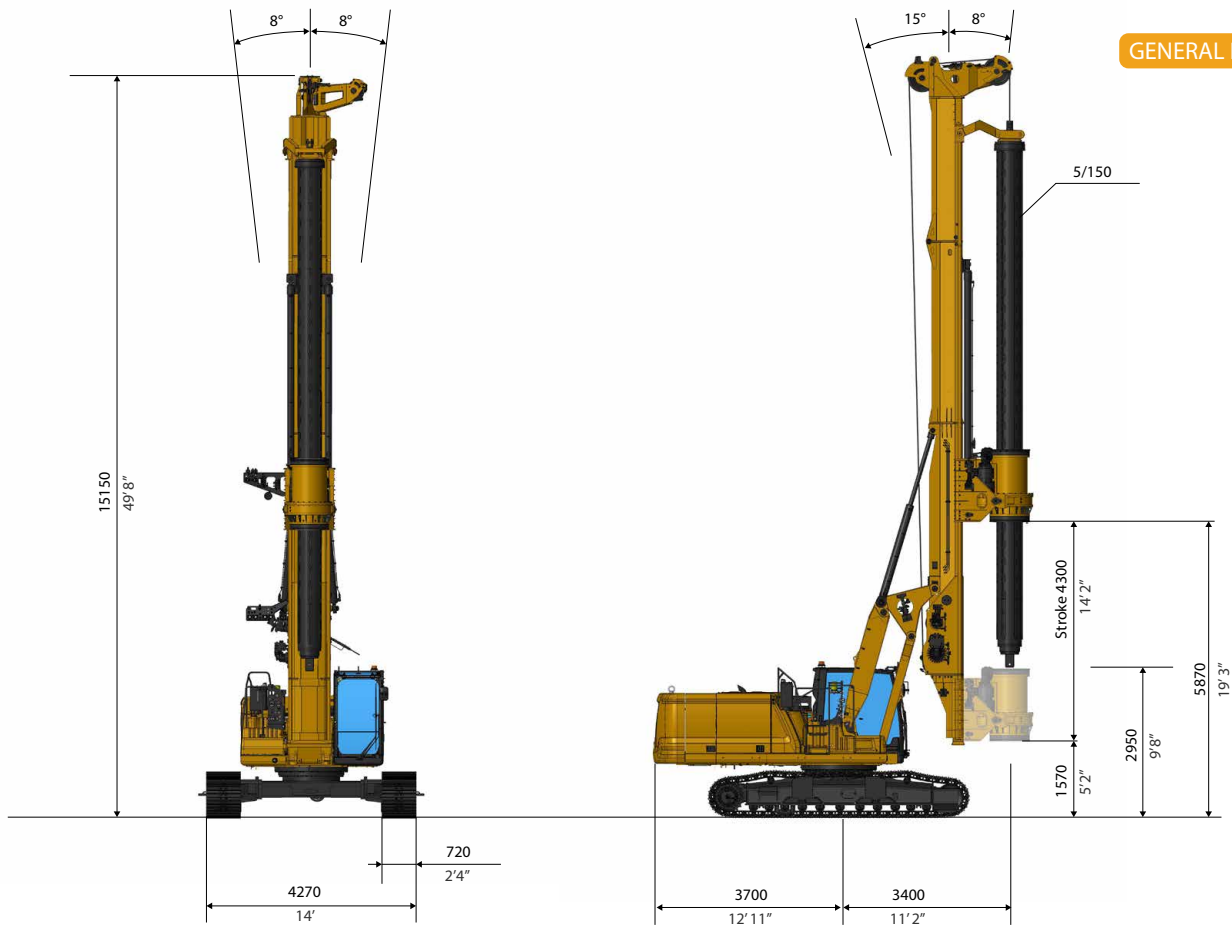
Crowd System

Crowd Type:	Cylinder Crowd Pull	
Pull Force:	400 kN	90000 lbf
Push Force	180 kN	40000 lbf

Drilling Data

Standard Kelly bar:	5/150	
Drilling Depth*:	46 m	150 ft
Drilling Diam. (in front of the mast):	1800 mm	6 ft
Max Drilling Diam. (under the mast):	3000 mm	11 ft

*Different Kelly-Bar available on request

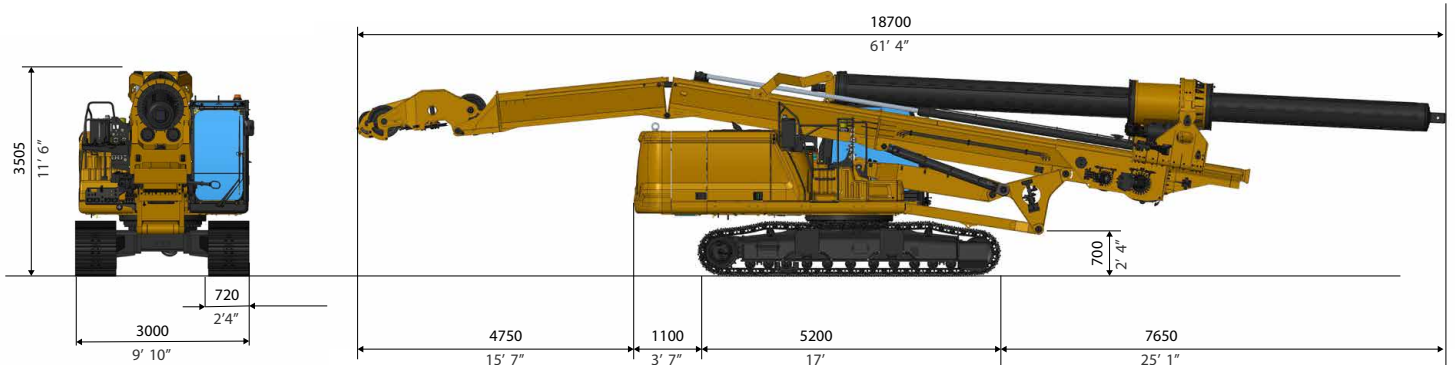


Operating Weight

Weight with 5/150 KB 53.7 ton 118.500 lb

Transport Weight

Weight with KB-Rotary-Counterweights	53.7 ton	118.500 lb
Kelly bar 5/150	7.6 ton	16.800 lb
CAT Counterweight	6.7 ton	14.700 lb
HPM Counterweights	2.3 ton	4980 lb
Rotary	3.8 ton	8400 lb



MAIN STANDARD EQUIPMENT

- Multifunctional HPM Computer
- Travel Alarm
- Cameras
- Automatic Mast Verticalization
- Auto Alignment with memory function

- Rotary Speed Control
- 10 Gears System
- Remote Diagnostics/Updates
- Removable Counterweights

OPTIONAL EQUIPMENT

- Extendable Undercarriage
- Aux. Swing Brake
- Casign Oscillator Predisposition
- Universal Casing Joint
- Walking Platform
- Remote Control
- Self Erecting Counterweight
- FOPS cab
- Biodegradable Hydraulic Oil
- Central Lubrication System
- CFA Kit
- Short Mast Kit

Design developments and process improvements may require the specification and materials to be updated and changed without prior notice or liability.

These and the technical data are provided as indicative information only, with any errors and misprints reserved.