

# HPM250 13' Telescopic Mast



## Base

Model	CAT 340	
Engine model	CAT C9.3B	
Power rating ISO 14396	258 kW	346 hp
Displacement	9.3 l	568 in <sup>3</sup>
Fuel Tank	600 l	158.5 gal

## Undercarriage

Undercarriage Type	CAT Variable Width	
Width:	3000 - 4300 mm	9'10" - 14'2"
Shoe Width:	800 mm	2'7"

## Rotary

Rotary Torque	370 kNm	273000 lb.ft
Max Effective Torque	315 kNm	232000 lb.ft
Working Speed	9-24 rpm	
Working Gears	10	
Discharge Speed	50-120 rpm	
Discharge Gears	10	

## Main Winch

Max Pull Force	230 kN	51700 lbf
Starting Pull Force	250 kN	56200 lbf
Rope Speed	70 m/min	230 ft/min
Rope Diameter	28 mm	1 1/8"

## Auxiliary Winch

Max Pull Force	115 kN	26000 lbf
Rope Speed	55 m/min	180 ft/min
Rope Diameter	22 mm	7/8"

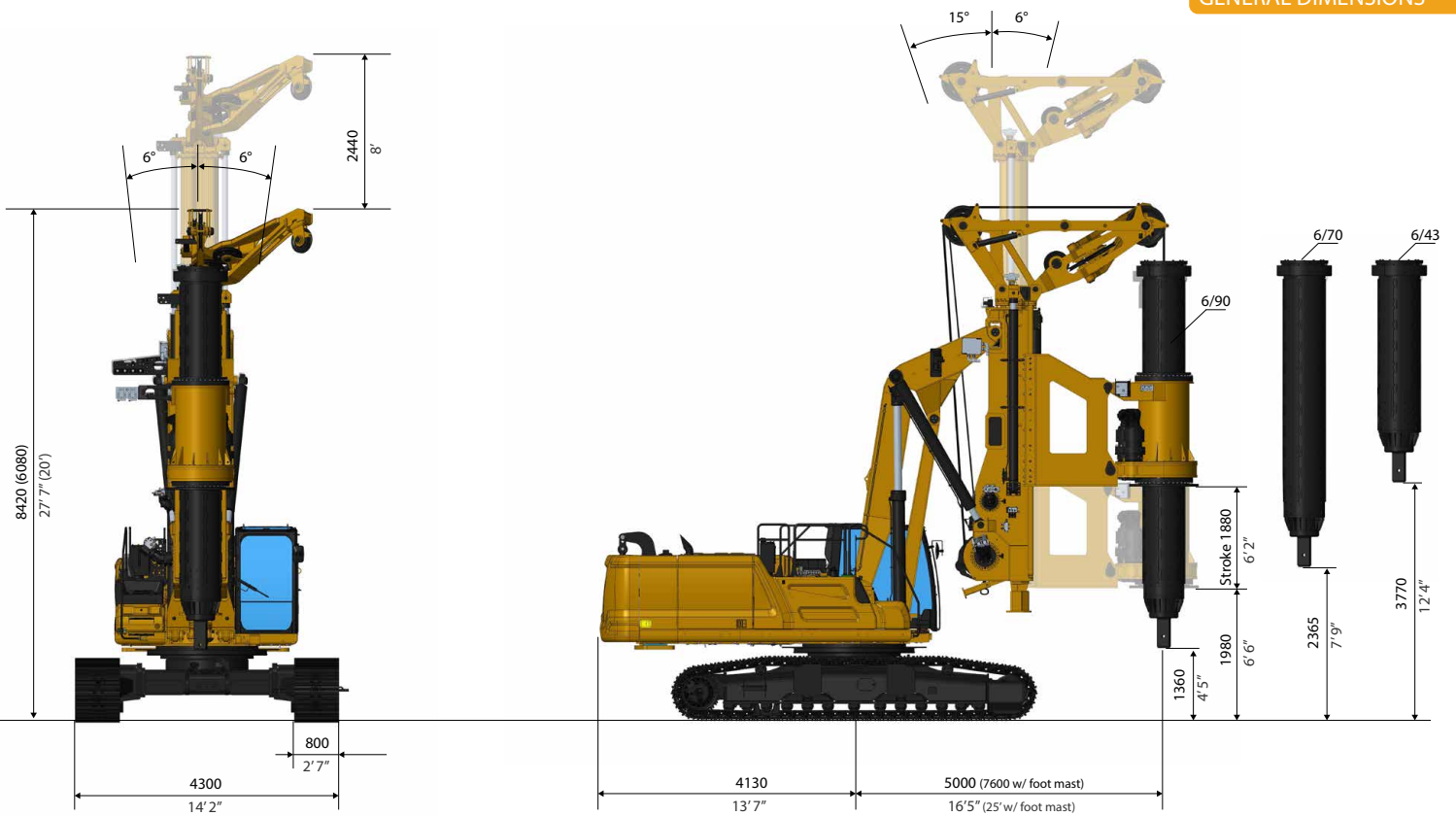
## Crowd System

Crowd Type:	Cylinder Crowd Pull	
Pull Force:	400 kN	90000 lbf
Push Force	330kN	74000 lbf

## Drilling Data

Standard Kelly bar:	6/90	
Drilling Depth:	27.5 m	90 ft
Drilling Diam.:	4000 mm	13 ft
Max Drilling Diam.:	5500 mm	18 ft

*\*Different Kelly-Bar available on request*

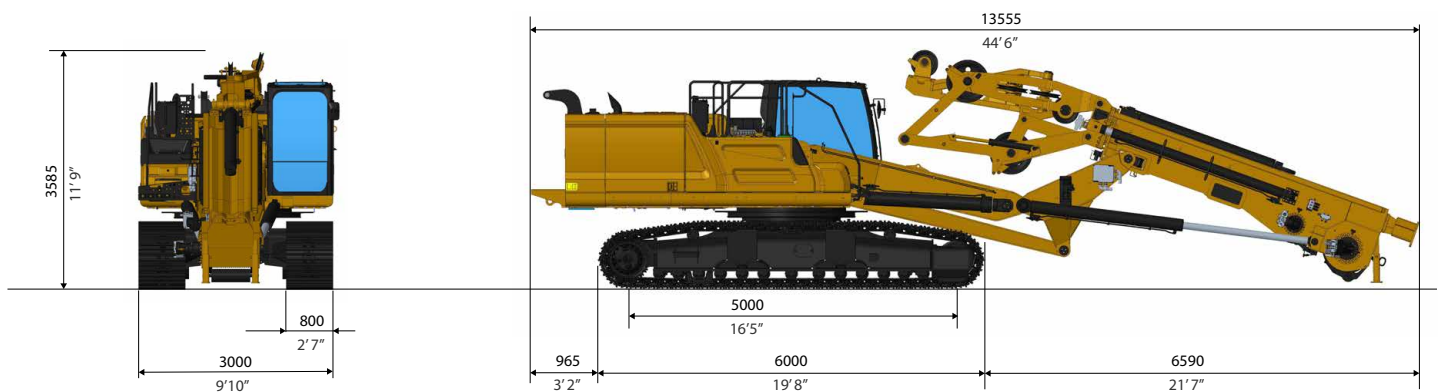


**Operating Weight**

Weight with 6/90 KB                      73.4 ton  
 162000 lb

**Transport Weight**

Without KB, rotary, counterweights                      51 ton  
 112400 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 Counterweight
- Extendable Undercarriage

**OPTIONAL EQUIPMENT**

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

*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.*