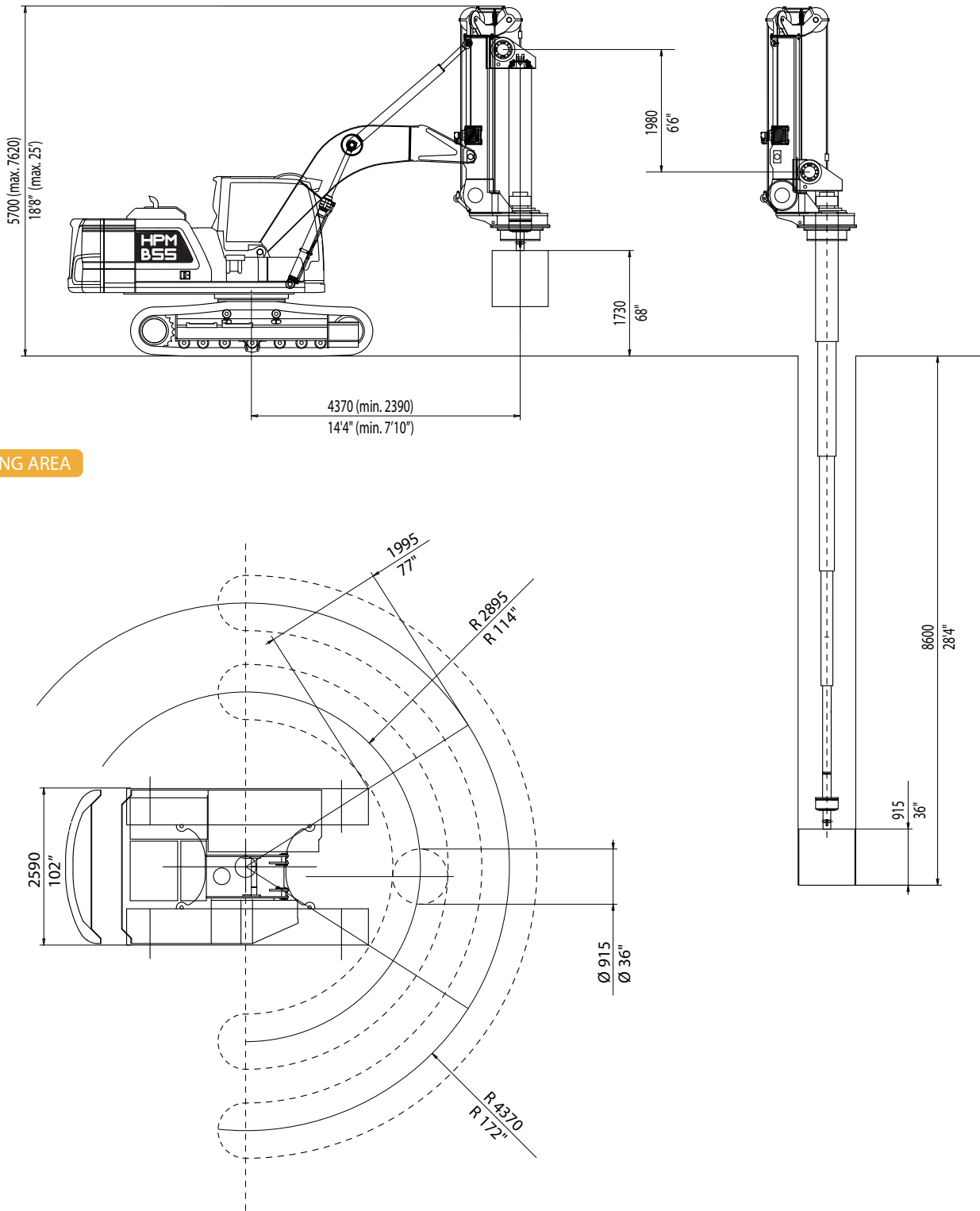


# HPM B55 Short Mast



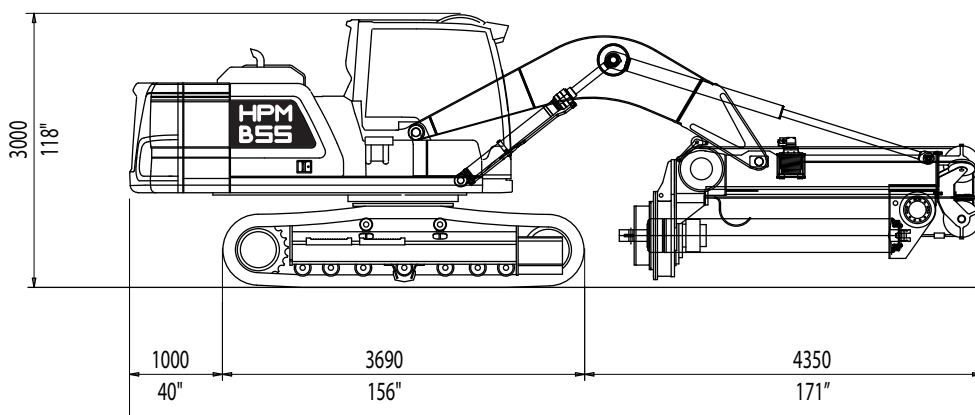
## GENERAL DIMENSIONS



## WORKING AREA

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



Transport Weight: 25000 kg  
55100 LBS

Transport Width: 2590mm  
102"

SPECIFICATIONS

**Base**

Model:	CAT 317 NGH	
Engine model:	CAT C4.4	
Power rating ISO 14396:	97 kW	130 hp
Displacement:	4.4 l	269 in <sup>3</sup>
Fuel Tank:	271l	71.6 gal

**Undercarriage**

Undercarriage Type:	Fixed Width	
Width:	2590mm	102"
Shoe Width:	600mm	2'

**Rotary**

Rotary Torque:	73 kNm	54000 lb.ft
Max Effective Torque:	85 kNm	63500 lb.ft
Working Speed:	0-30 rpm	
Working Gears:	10	
Discharge Speed:	60-100 rpm	
Discharge Gears:	10	

**Main Winch**

Max Pull Force:	98 kN	22000 lbf
Starting Pull Force:	106 kN	24000 lbf
Rope Speed 1st Layer:	83 m/min	272 ft/min
Rope Speed 2nd Layer:	89 m/min	290 ft/min
Rope Diameter:	19 mm	3/4"

**Auxiliary Winch**

Max Pull Force:	30 kN	6750 lbf
Rope Speed:	55 m/min	180 ft/min
Rope Diameter:	12 mm	15/35"

**Crowd System**

Crowd Type:	Winch Crowd Pull	
Pull Force:	103 kN	23150 lbf

**Drilling Data**

Standard Kelly bar:	5/28	
Drilling Depth:	8.5 m	28 ft

\*Different Kelly-Bar available on request

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
- Remote Control
- Self Erecting Counterweight
- FOPS cab
- Biodegradable Hydraulic Oil
- Central Lubrification System
- Short Mast Kit

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