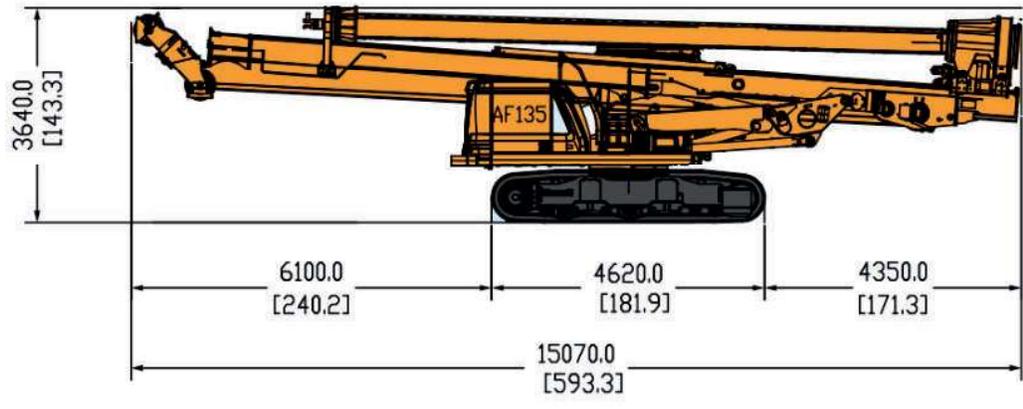
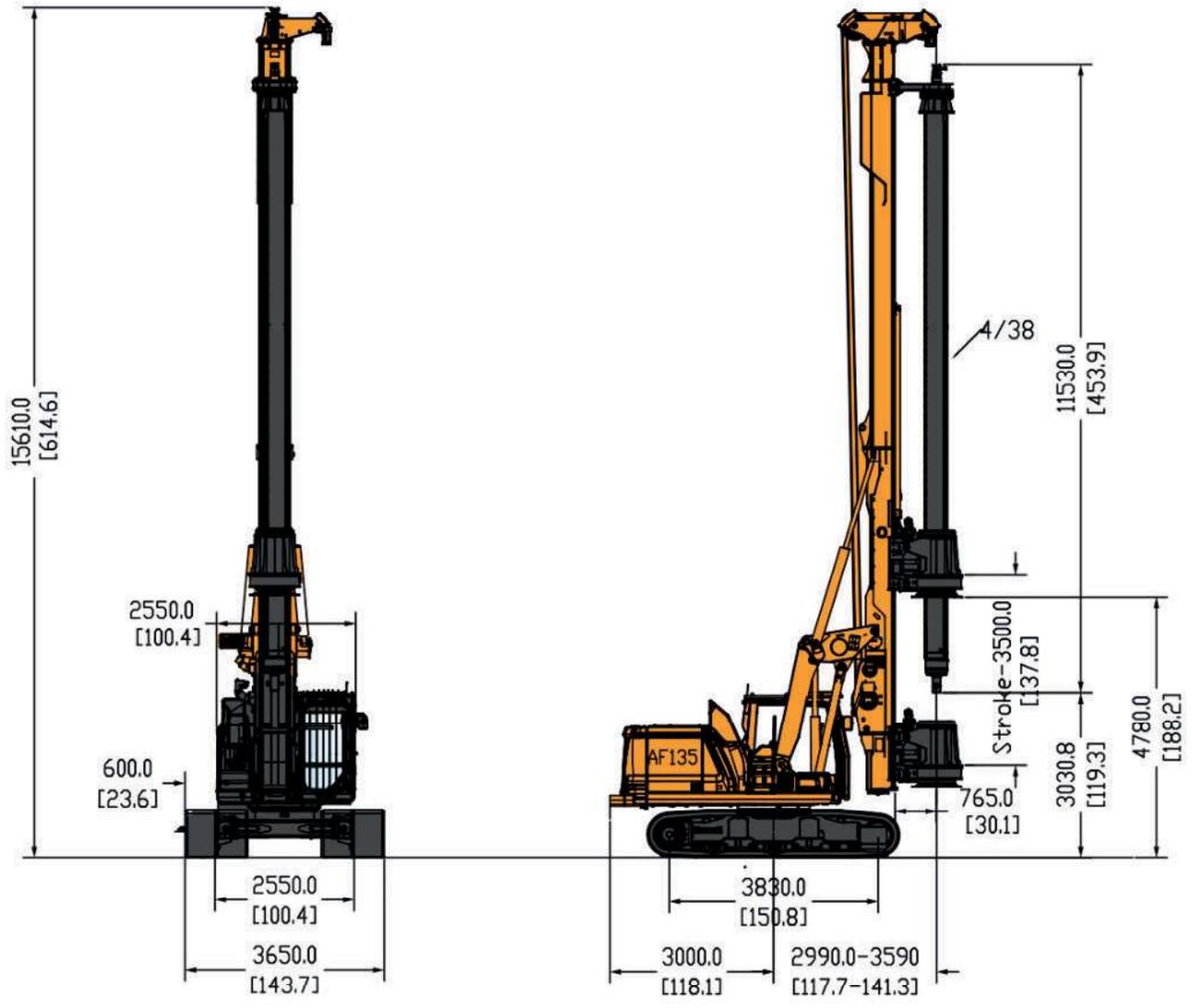


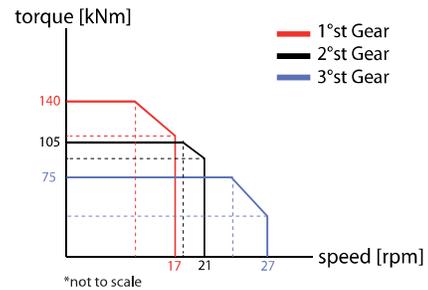
# AF135 - Hydraulic Drill Rig

Crowd cylinder version



### AF 135 Crowd Cylinder

Rotary		
Nominal torque	kNm	140
	lbf ft	104000
Min. Working speed	rpm	17
Max. Working speed	rpm	27
Min. Discharge speed	rpm	78
Max. Discharge speed	rpm	91



Winches		
Main winch pull force	kN	140
	lbf	31470
Main winch speed	m/min	80
	ft/min	262
Main winch cable diameter	mm	22
	in	/
Auxiliary winch pull force	kN	60
	lbf	13490
Auxiliary winch speed	m/min	40 m/n
	ft/min	131
Auxiliary winch cable diameter	mm	15
	in	/

Crowd System		
Kelly crowd push	kN	100
	lbf	22485
Kelly crowd pull	kN	165
	lbf	37095
Stroke (mm)	mm	3500
	in	138

Base	CAT 323 NGH	
Undercarriage length / widening range / shoe	mm	CAT 4620 / 2550 - 3650 / 600
	in	181 / 100 - 144 / 23,6

Engine type	CAT C 4,4 STAGE V	
	129 KW (173 HP) @1650 rpm	

Oil tank capacity	l	115
Oil fuel capacity	l	267

Mast		
Mast raking forward	degree	5°
Mast side raking	degree	±5°
Mast raking backwards	degree	15°
Pile max diameter	mm	1500
	in	60

Kelly bar		
Standard	4/38	
Options available	3/27- 4/30 - 5/47	
Operating Weight w/standard kelly bar	t (metric)	39,5
	lbs	89290