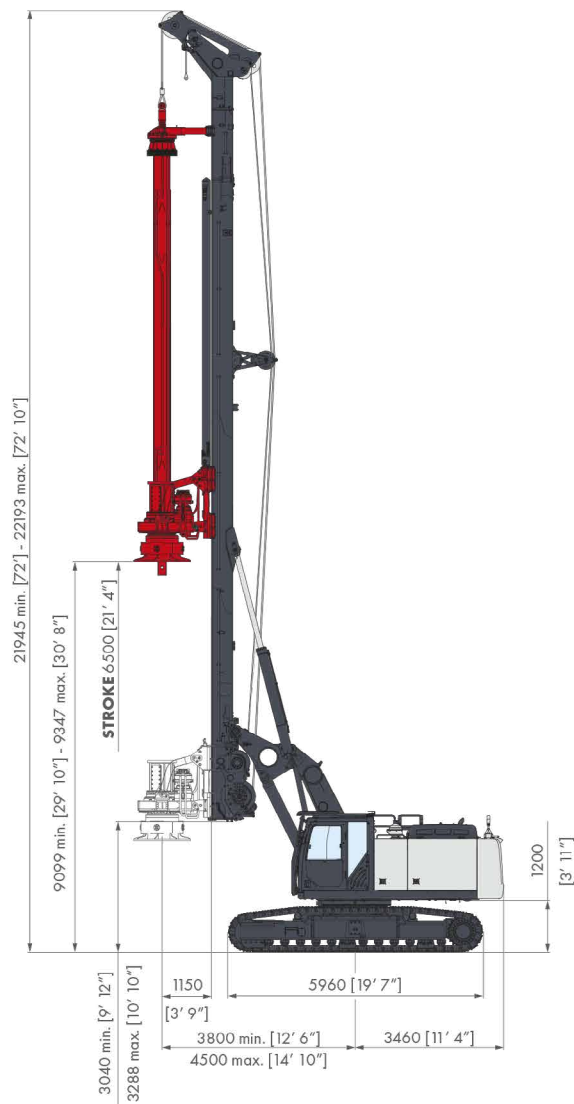
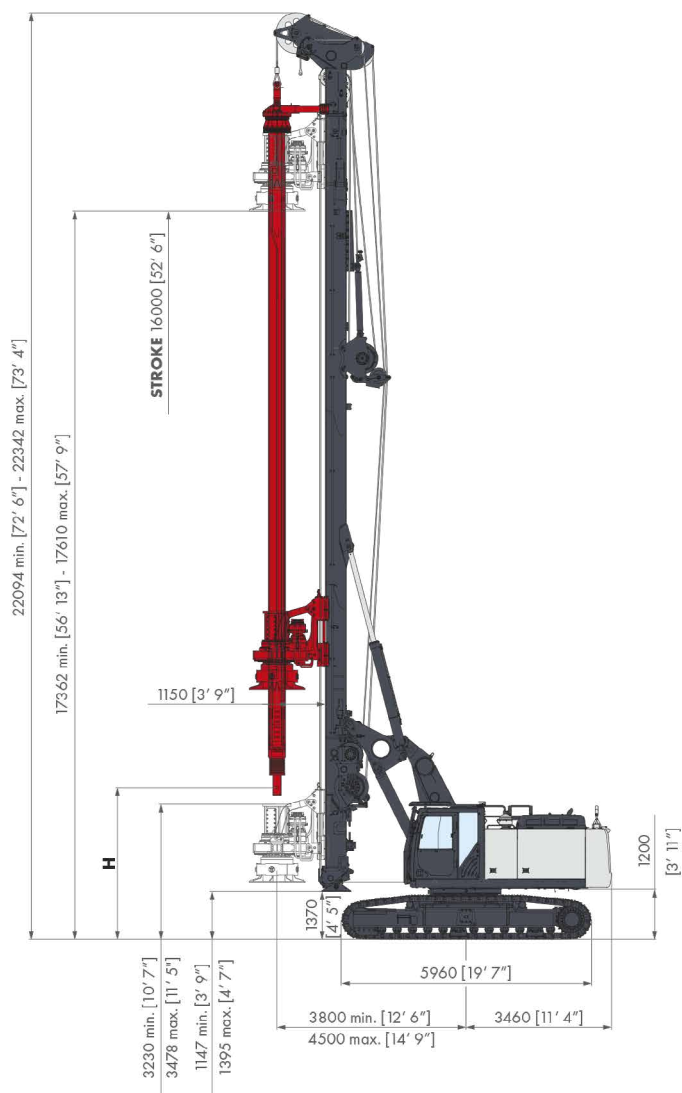


CH 23



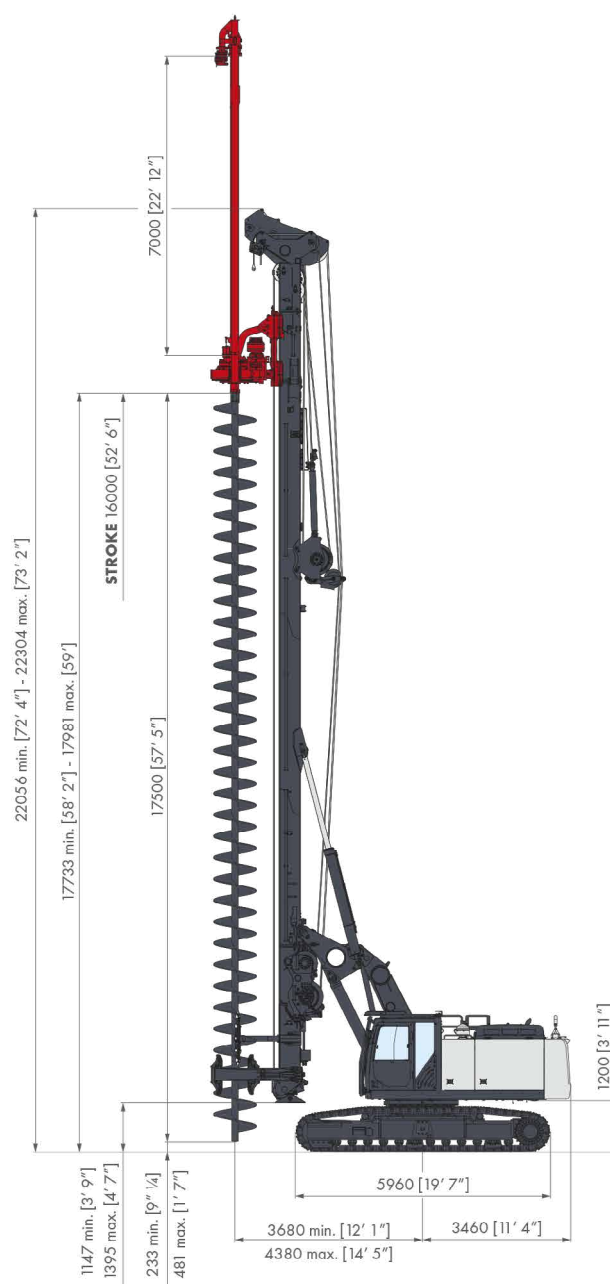
WS

CS



	m.s.	i.s.	WS (Winch System)		CS (Cylinder System)	
Nominal max. torque	kNm	lbf-ft	262 at 35 MPa		193.200 at 5.080 psi	
Max. torque	kNm	lbf-ft	225 at 30 MPa		166,000 at 4,350 psi	
Engine power rating	kW	hp	234 - 261 at 1800 rpm		314 - 350 at 1800 rpm	
Max. pile diameter	mm	ft-in	2.000 / 2.500 ¹	6' 7" - 8' 2" ¹	2.000 ⁴ / 2.500 ⁵	6' 7" ⁴ / 8' 2" ⁵
Max. pile depth	mm	ft-in	66.000 ²	216' 6" ²	66.000 ²	216' 6" ²
Operating weight w/o tool	ton		71,6 ³		69,9 ³	
NOTES	1 - With - without bottom mast element		3 - c/w kelly bar 4 x 10.500 mm (4 x 34' 5") Ø 406 (1' 4") and bucket opening flange			
	2 - Using self mounting kelly bar		4 - Tool in front of mast		5 - Tool below mast	

CH 23



CFA (Continuous Flight Auger)	m.s.	i.s.	CFA/WS (Quick Conversion CFA)	
Nominal max. torque	kNm	lbf-ft	262 at 35 MPa	193,200 at 5,080 psi
Max. torque	kNm	lbf-ft	225 at 30 MPa	166,000 at 4,350 psi
Engine power rating	kW	hp	234 - 261 at 1800 rpm	314 - 350 at 1800 rpm
Max. pile diameter	mm	ft-in	1.000	3' 3"
Max. length of augers	mm	ft-in	17.500	57' 5"
Max. pile depth	mm	ft-in	15.500 + 7.000 = 22.500	50' 10" + 22' 11" = 73' 10"
Extraction force	kN	lbs	580	130,400
Crowd force on auger	kN	lbs	140	31,500
Operating weight w/o tool	ton		65,6 ¹	

NOTE 1 - c/w auger extension, auger cleaner, swivel and swan neck

CH 23



DP (Displacement Piles) SM (Soil Mixing)	m.s.	i.s.		
Nominal max. torque	kNm	lbf-ft	262 at 35 MPa	93,200 at 5,080 psi
Max. torque	kNm	lbf-ft	225 at 30 MPa	166,000 at 4,350 psi
Engine power rating	kW	hp	234 - 261 at 1800 rpm	314 - 350 at 1800 rpm
Max. drill string length	mm	ft-in	17.500	57' 5"
Max. length of drill string extension	mm	ft-in	7.000	22' 11"
Max. pile depth	mm	ft-in	14.500 + 7.000 = 21.500	47' 7" + 22' 11" = 70' 6"
Extraction force	kN	lbs	580	130,400
Max. pull down force	kN	lbs	140	31,500
Operating weight w/o tool	ton		60²	

NOTE 1 - c/w 7.000 mm (23') drill string extension