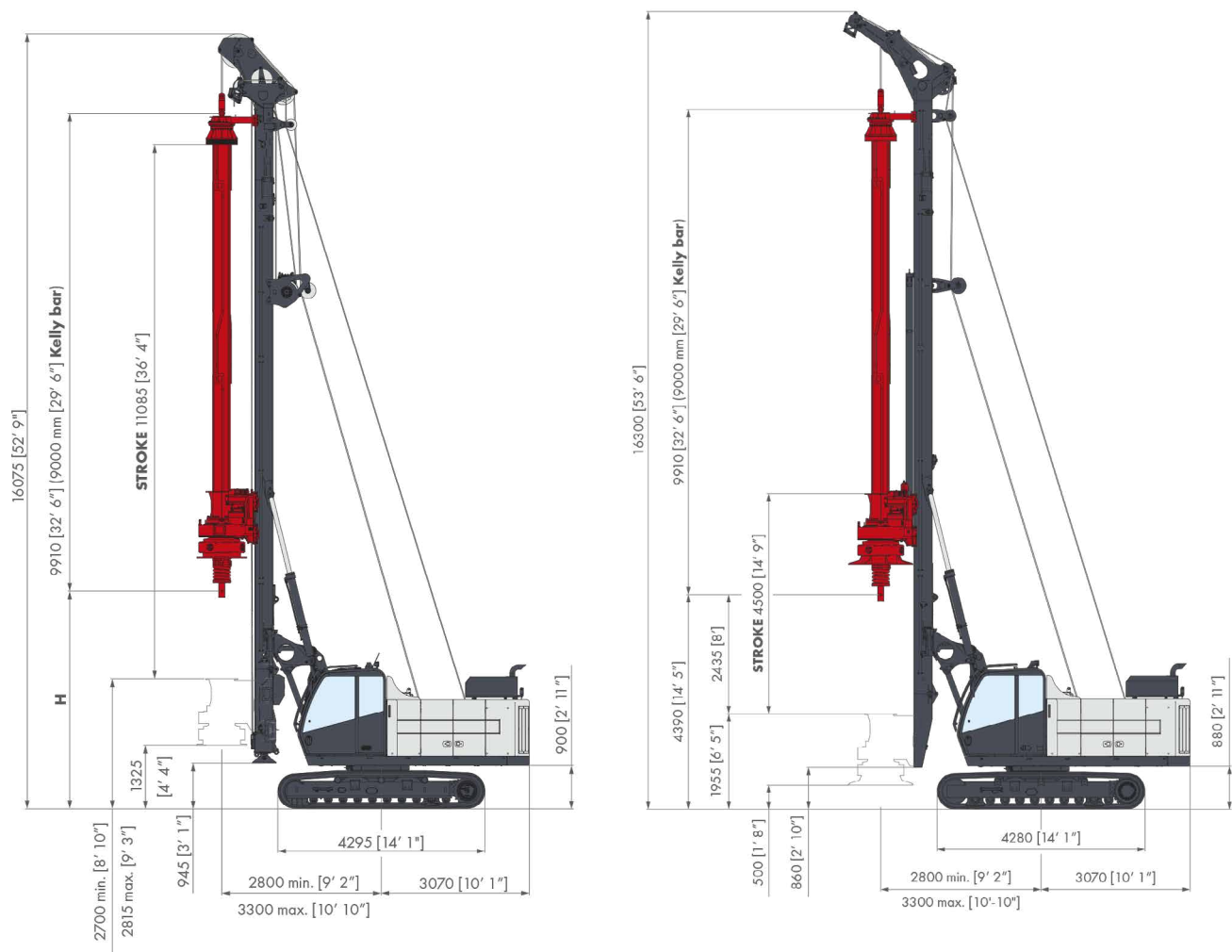


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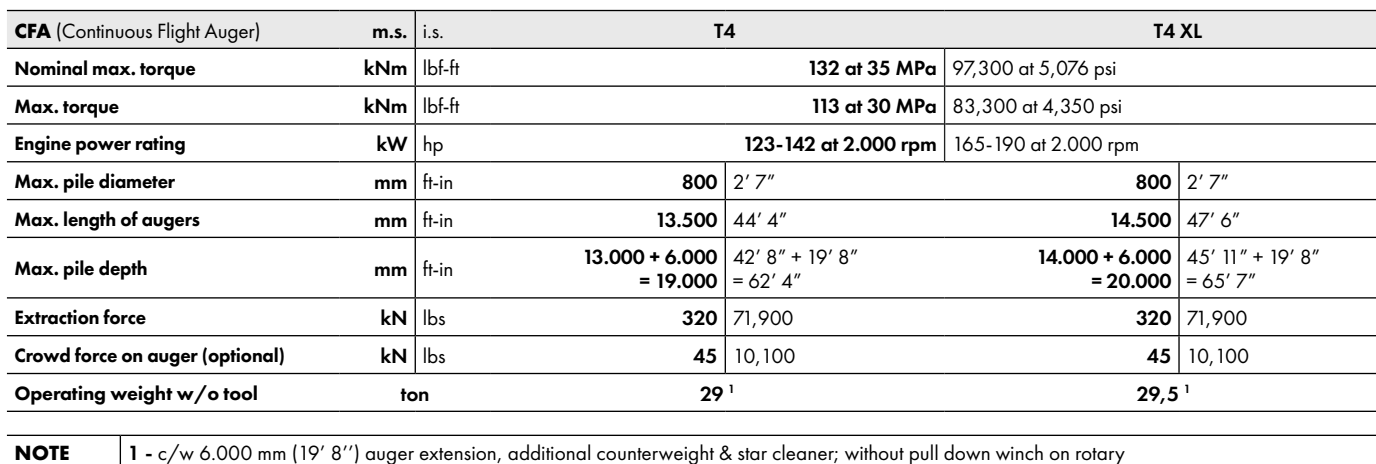


WS

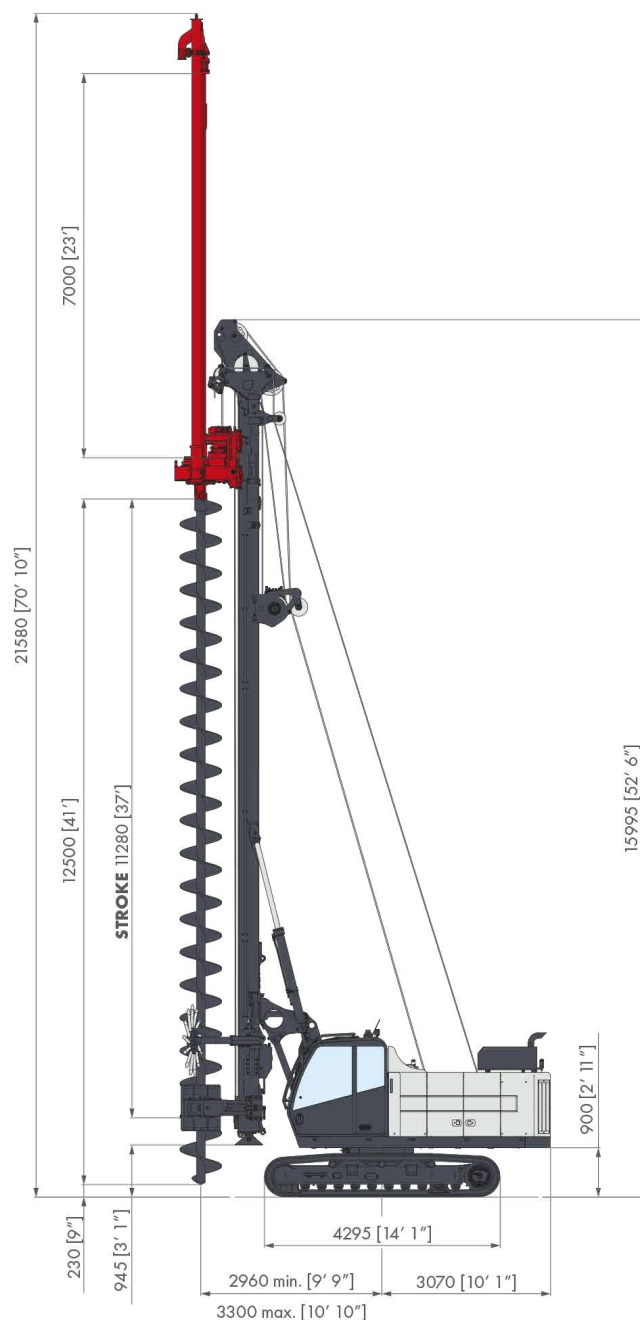
CS



	m.s.	i.s.	WS (Winch System)		CS (Cylinder System)	
Nominal max. torque	kNm	lbf-ft	132 at 35 MPa		97,300 at 5,076 psi	
Max. torque	kNm	lbf-ft	113 at 30 MPa		83,300 at 4,350 psi	
Engine power rating	kW	hp	123 -142 at 2000 rpm		165 - 190 at 2000 rpm	
Max. pile diameter	mm	ft-in	1.180 ¹ / 1.500 ²	3' 10" ¹ / 4' 11" ²	1.300 ¹ / 1.500 ²	4' 3" ¹ / 4' 11" ²
Max. pile depth	mm	ft-in	47.000 ³	154' 2" ³	47.000 ³	154' 2" ³
Operating weight w/o tool	ton		31,6 ⁴		29,85 ⁴	
NOTES	1 - Tool in front of mast		3 - Using 5 elements kelly bar			
	2 - Tool below mast		4 - c/w 4 x 9.000 mm (4 x 29'6") long 355 mm (14") dia. Kelly bar; rotary c/w bucket opening flange			



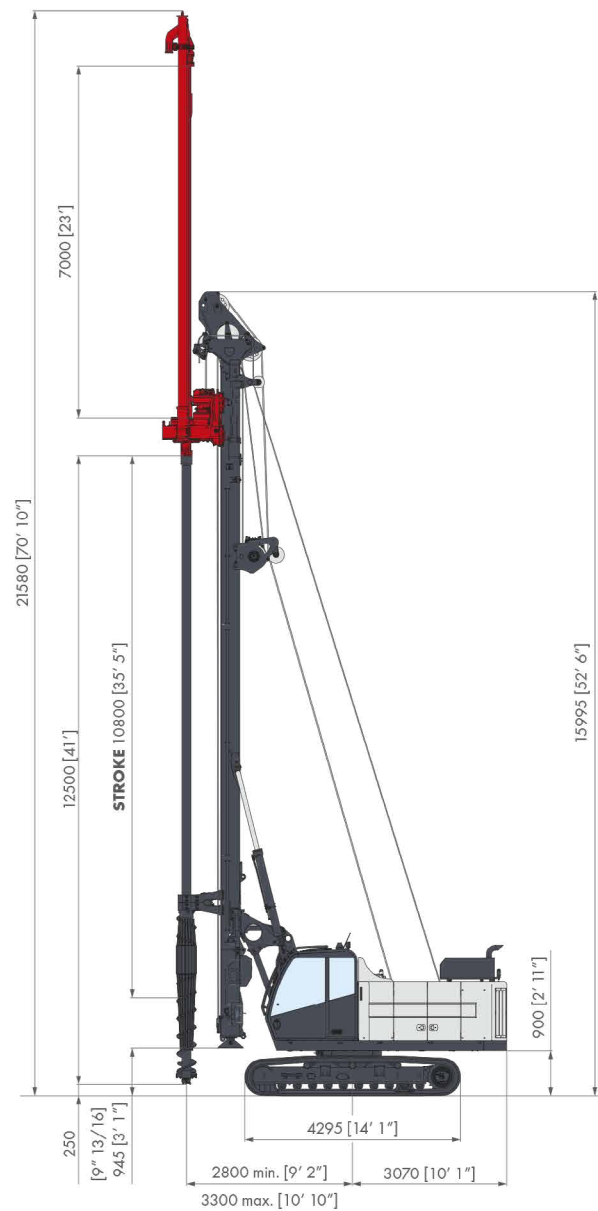
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CFA (Continuous Flight Auger)	m.s.	i.s.	CFA/WS (Quick Conversion CFA)	
Nominal max. torque	kNm	lbf-ft	132 at 35 MPa	97,300 at 5,076 psi
Max. torque	kNm	lbf-ft	113 at 30 MPa	83,300 at 4,350 psi
Engine power rating	kW	hp	123 - 142 at 2000 rpm	165 - 190 at 2000 rpm
Max. pile diameter	mm	ft-in	800	2' 7"
Max. length of augers	mm	ft-in	12.500	41'
Max. pile depth	mm	ft-in	11.000 + 7.000 = 18.000	36' 1" + 23' = 59' 1"
Extraction force	kN	lbs	250	56,200
Crowd force on auger	kN	lbs	100	22,500
Operating weight w/o tool	ton		27,2 ¹	

NOTE 1 - c/w 7.000 mm (23') auger extension & star cleaner

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DP (Displacement Piles) SM (Soil Mixing)	m.s.	i.s.		
Nominal max. torque	kNm	lbf-ft	132 at 35 MPa	97,300 at 5,076 psi
Max. torque	kNm	lbf-ft	113 at 30 MPa	83,300 at 4,350 psi
Engine power rating	kW	hp	123 -142 at 2000 rpm	165 - 190 at 2000 rpm
Max. drill string length	mm	ft-in	12.500	41’
Max. length of drill string extension	mm	ft-in	7.000	23’
Max. pile depth	mm	ft-in	10.500 + 7.000 = 17.500	34’ 5” + 23’ = 57’ 5”
Extraction force	kN	lbs	250	56,200
Max. pull down force	kN	lbs	160	36,000
Operating weight w/o tool	ton		27 ¹	
NOTE	1 - c/w 7.000 mm (23’) drill string extension			