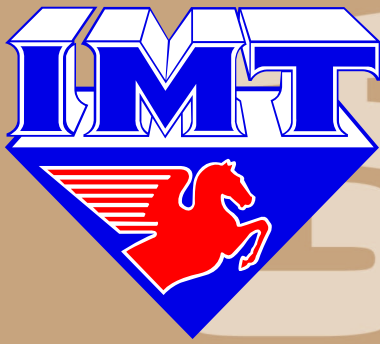




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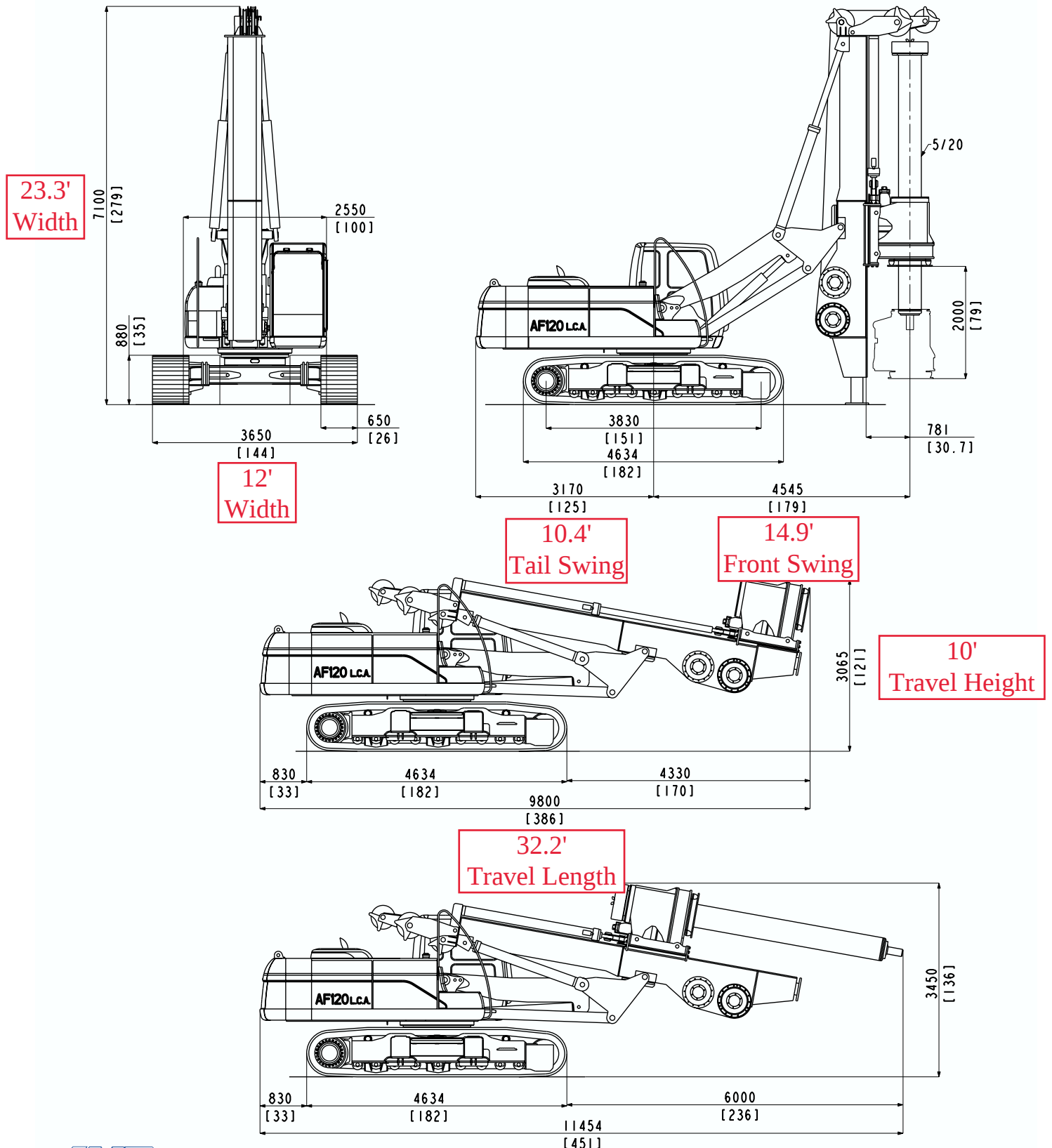
AF 120LCA

CAT® Base	320C
CAT® Engine	3066TAA
Horsepower	144
Total Weight w/standard kelly bar (lbs.)	86,800
Maximum Torque (ft. lbs.)	100,000
Kelly Crowd Push (lbs.)	33,700
Kelly Crowd Pull (lbs.)	45,000
Main Winch Pull (lbs.)	33,700
Maximum Drill Depth (ft.)	66
Maximum Drill Diameter (in.)	4.92' 59

(All weights and measures are nominal.)

(561) 683-2015 ext. 170

Technical data



AF 120 LCA

AF 120 LCA

Max. drilling torque	kNm	137 @ 5 rpm	
	lbf ft	100000 @ 5 rpm	
Max. drilling speed	Rpm	24	
Maximum unloading speed	Rpm	110	
Kelly crowd push	kN	150	
	lbf	33700	
Kelly crowd pull	kN	200	
	lbf	45000	
Kelly crowd stroke	mm	2000	6.583'
	in	79"	
Mast side raking maximum		5°	
Mast forward raking		5°	
Mast backwards raking		15°	
Engine model		CAT 3066 ATAAC	
Installed power	HP	144	
	kW	107	
Engine rpm	Rpm	1800	
Main winch pulling force	kN	150	
	lbf	33700	
Main rope diameter	mm	22	
	in	7/8	
Main rope speed	m/min	80	
	ft/min	260	
Auxiliary winch pulling force	kN	82	
	lbf	18400	
Auxiliary rope diameter	mm	18	
	in	/	
Auxiliary rope speed	m/min	80	
	ft/min	260	
Drilling depth maximum w/ optional kelly bar	m	20	
	ft	66	
Pile diameter maximum @ mast	mm	1500	4.92'
	in	59	
Undercarriage overall length	mm	4634	
	in	182.4"	
Track shoe width	mm	650	
	in	25.6	
Overall width in drilling position	mm	3650	
	in	144	
Overall width in transport position	mm	2550	8.37'
	in	100.4	
Undercarriage traction force	kN	220	
	lbf	49500	
Base type		CAT 320C HP	
Standard kelly bar		5/20	
Weight with standard kelly bar	t (metric)	39	
	lbs	119050	

IMT reserves the right to modify the specifications of any product without prior notice.

