



AFE2260

hydraulic drill rig



AF260

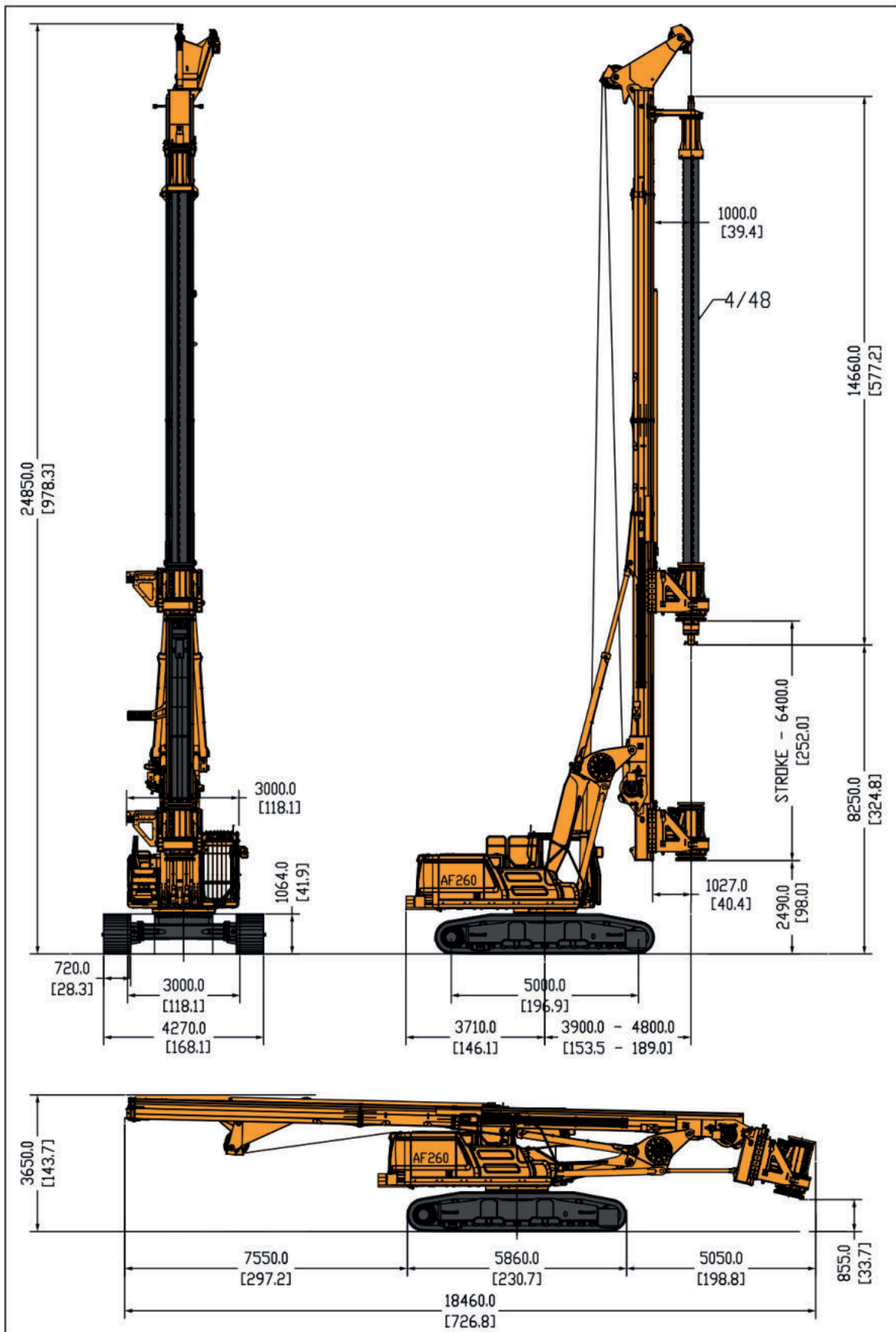
IMT, a global leader in the manufacture of drill rigs and a brand which has always been synonymous with quality and reliability in the pursuit of satisfying market demand, is pleased to present a new series of A drill rigs. This new line is unique in its simplicity and flexibility of use, while also perfectly maintaining sturdiness and productivity.

The AF260 drill rig is suitable for the use in several different configurations, with very simple procedures for the passage from one version to another. The machine was designed for very arduous applications as, thanks to its high torque and high-performing winch, it is capable of reaching great depths, also with great diameters. Its heavyduty undercarriage guarantees optimal stability in various working conditions and configurations.



AF260 - Hydraulic Drill Rig

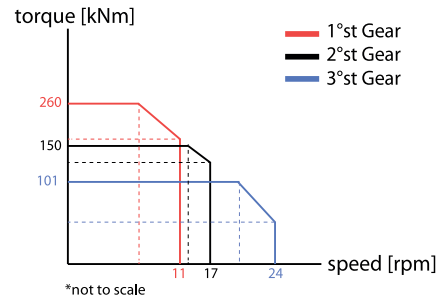
Crowd cylinder version



Technical specifications

AF260 Crowd Cylinder

Rotary		
Installed torque	kNm	260
	lbf ft	191770
Min. Working speed	rpm	11
Max. Working speed	rpm	24
Min. Discharge speed	rpm	67
Max. Discharge speed	rpm	101



Winches		
Main winch pull force	kN	240
	lbf	53955
Main winch speed	m/min	73
	ft/min	240
Main winch cable diameter	mm	28
	in	/
Auxiliary winch pull force	kN	120
	lbf	26980
Auxiliary winch speed	m/min	80
	ft/min	262
Auxiliary winch cable diameter	mm	22
	in	/

Crowd System		
Kelly crowd push	kN	250
	lbf	56205
Kelly crowd pull	kN	390
	lbf	87680
Stroke (mm)	mm	6400
	in	252

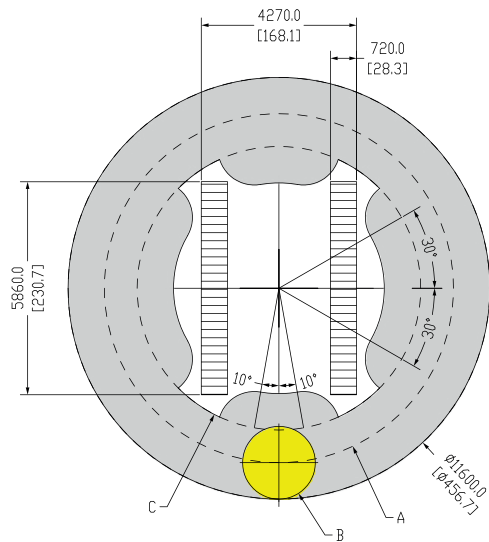
Base		
CAT 340 NGH		
Undercarriage length / widening range / shoe	mm	CAT 5860 / 3000 - 4270 / 720
	in	231 / 118 - 168 / 28,5
Engine type		CAT C9.3B Tier 4 Stage V
		259 KW (347 HP) @ 1750 rpm
Oil tank capacity	l	160
Fuel tank capacity	l	600

Mast		
Mast raking forward	degree	5°
Mast side raking	degree	±8°
Mast raking backwards	degree	15°
Pile max diameter	mm	2000
	in	79

Kelly bar		
Standard		4/48
Options available		4/46 - 5/66
Operating Weight w/standard kelly bar	t (metric)	70,5
	lbs	155426

AF260 - Hydraulic Drill Rig

Working area AF260 crowd cylinder

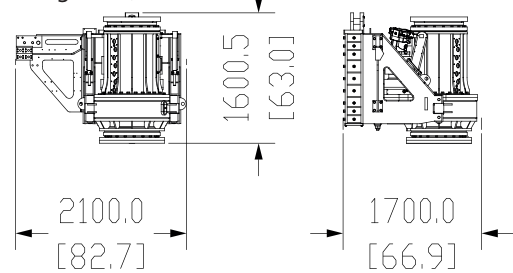


A	MAX WORKING RADIUS 4800 [R 189]
B	MAX TOOL DIAMETER $\varnothing$ 2000 [R 79]
C	MIN WORKING RADIUS 3900 [R 153,5]

Removable parts for transport phase

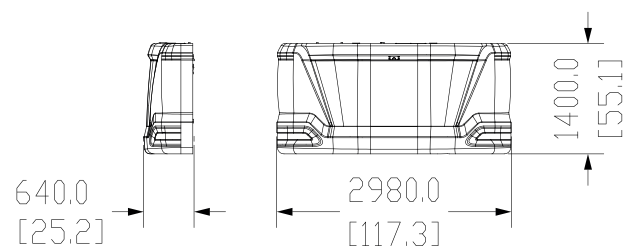
Rotary

Weight = 4,8 ton



Counterweight

Weight = 8,5 ton



Equipment

- STANDARD EQUIPMENT -

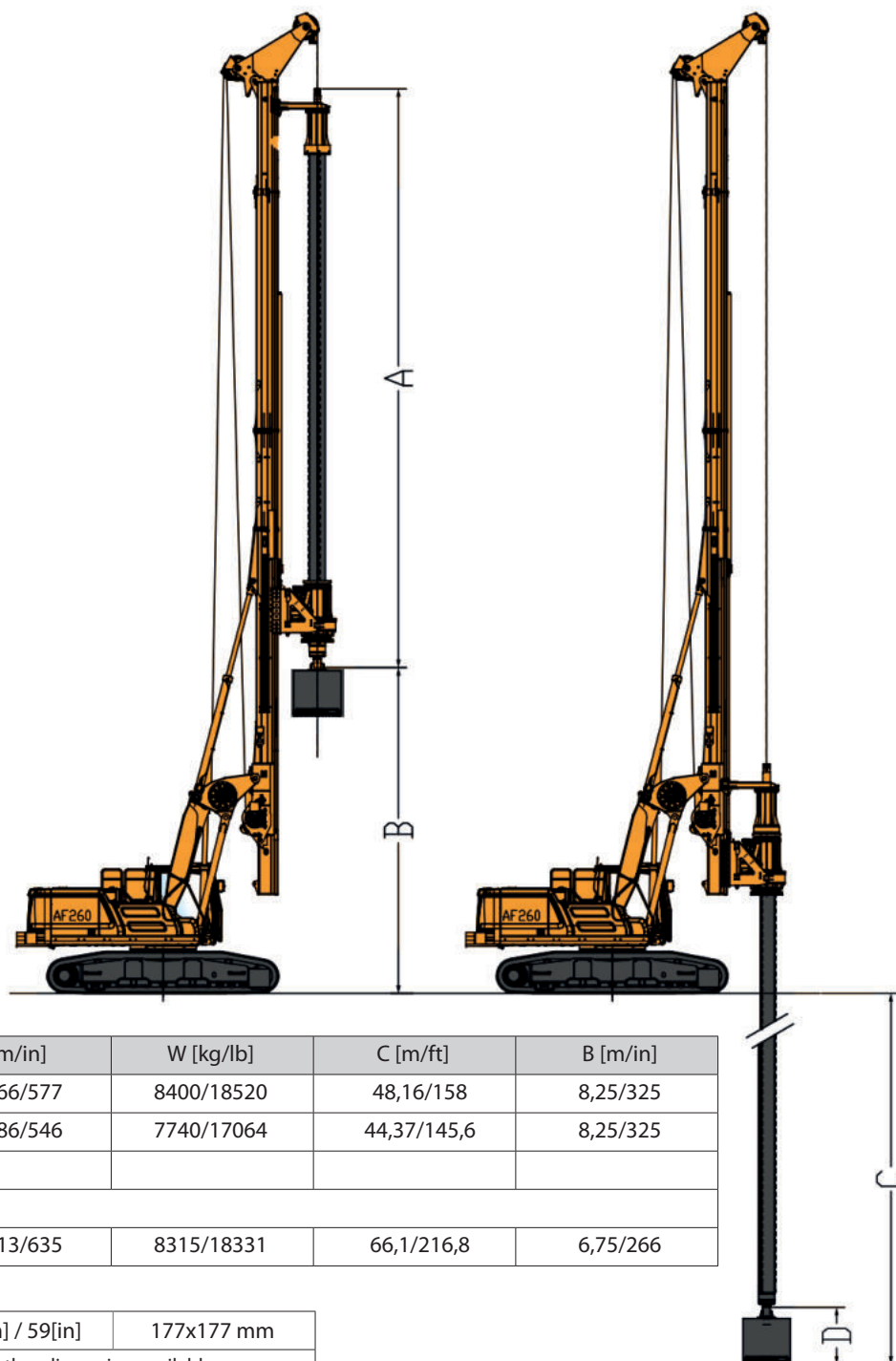
Air conditioner
Neutral lever (lock out) for all control
Guard cab front
Guard cat top
Top cabin working lights
Fuel refill pump
Engine diagnostic system
Main and auxiliary load sensing circuit
Free flow during drilling phase
Automatic bottom hole stop
Depth measuring device on main winch
Mast inclination measurement
Kelly bar interlocking 4/48
Rear and lateral cameras
"Y" shape derrick
360° machine top view
Rotary with removable racks

- OPTIONAL EQUIPMENT-

Biodegradable oil
Automatic greasing system
Grab kit
Vibro displacement kit
Cardanic universal joint kit
Every kind of Kelly bar
GPS kit
Openable A-frame for LCA version
Remote control for tracks and boom

AF260 - Hydraulic Drill Rig

Kelly Bar Standard version



4 PARTS

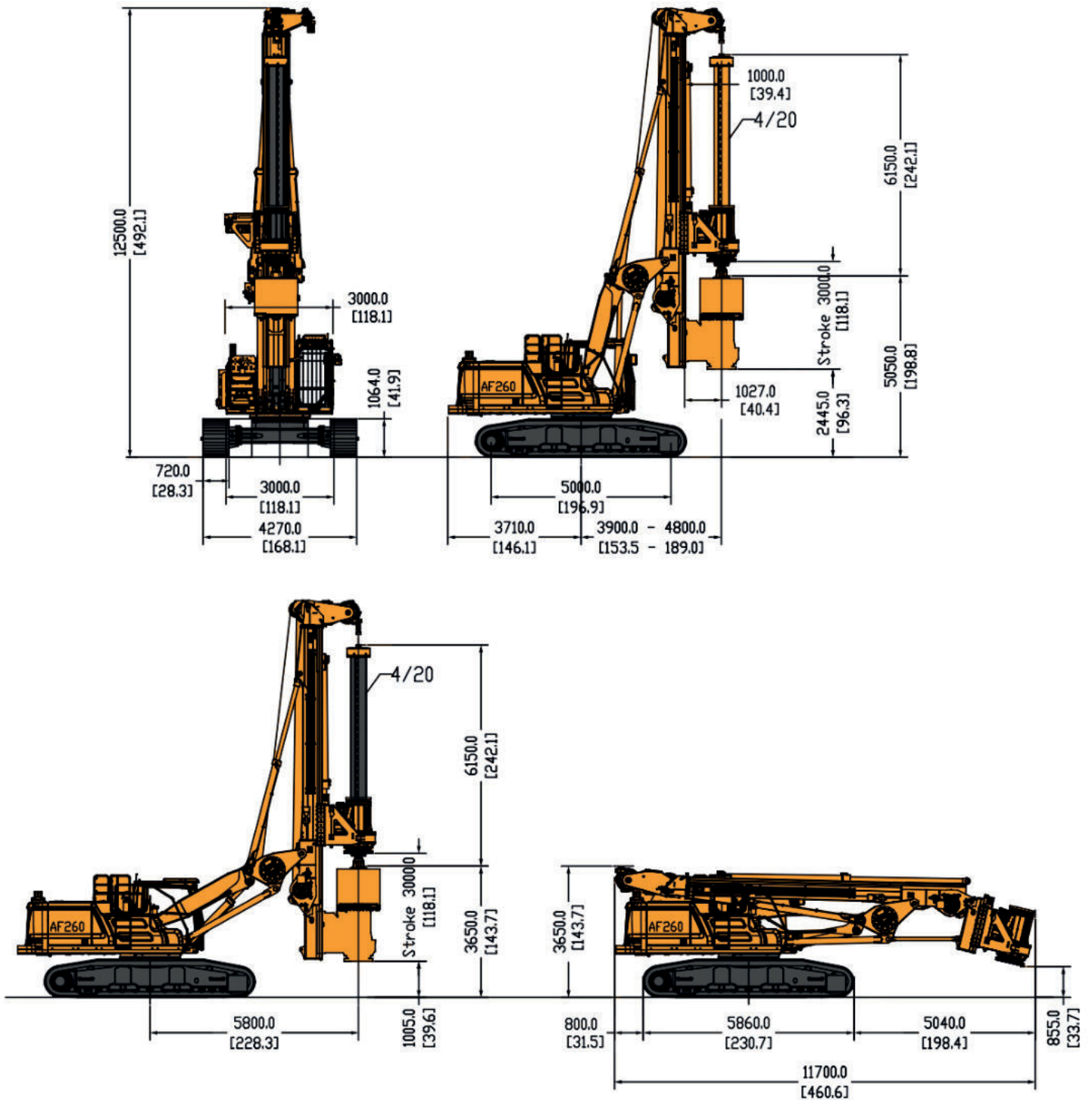
Kelly bar	A [m/in]	W [kg/lb]	C [m/ft]	B [m/in]
4/48	14,66/577	8400/18520	48,16/158	8,25/325
4/46	13,86/546	7740/17064	44,37/145,6	8,25/325
5/56	16,13/635	8315/18331	66,1/216,8	6,75/266

5 PARTS

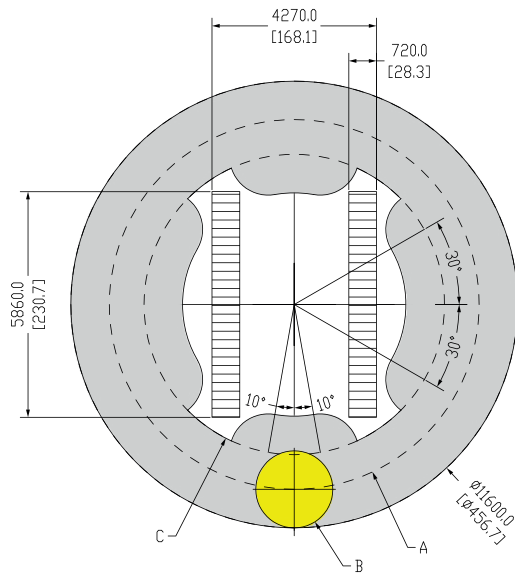
D	1,5[m] / 59[in]	177x177 mm
Standard square joint other dimension available		
Further kelly bars available on request		

AF260 - Hydraulic Drill Rig

LCA version



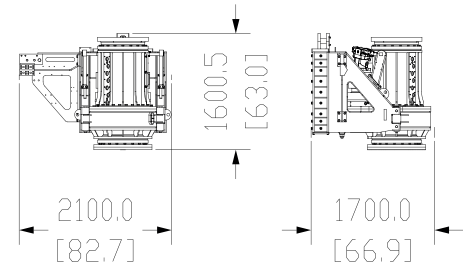
Working area crowd winch



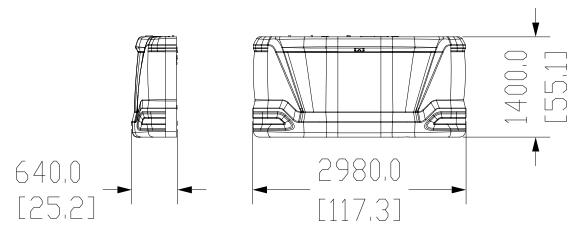
- | | |
|----------|---|
| A | MAX WORKING RADIUS 4800 [R 189] |
| B | MAX TOOL DIAMETER $\varnothing 2000$ [R 79] |
| C | MIN WORKING RADIUS 3900 [R 153,5] |

Removable parts for transport phase

Rotary Weight = 2,4 ton



Counterweight Weight = 8,5 ton

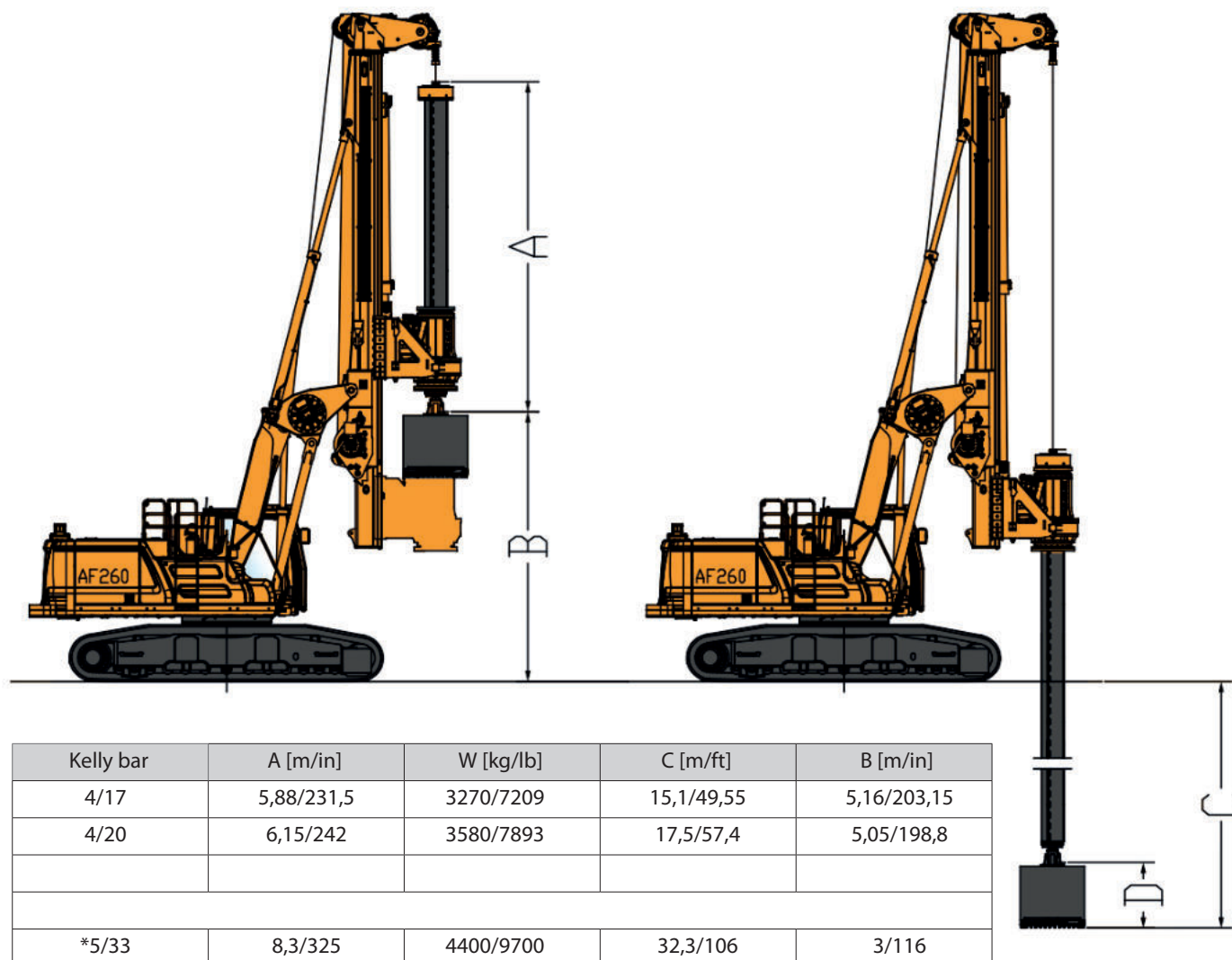


Cylinder Crowd System

Kelly crowd push	kN	250
	lbf	56205
Kelly crowd pull	kN	390
	lbf	87680
Stroke	mm	3000
Mast		
Pile max diameter	mm	2000
Kelly bar		
Standard		4/20
Options available		4/17
Operating Weight w/standard kelly bar (5/20)	t (metric)	63,5
	lbs	140000

AF260 - Hydraulic Drill Rig

Kelly bar LCA version



* With 200x200 square joint.

D	1,5[m] / 59[in]	177x177 mm
Standard square joint other dimension available		
Further kelly bars available on request		

Note

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