



F218

hydraulic drill rig



F218

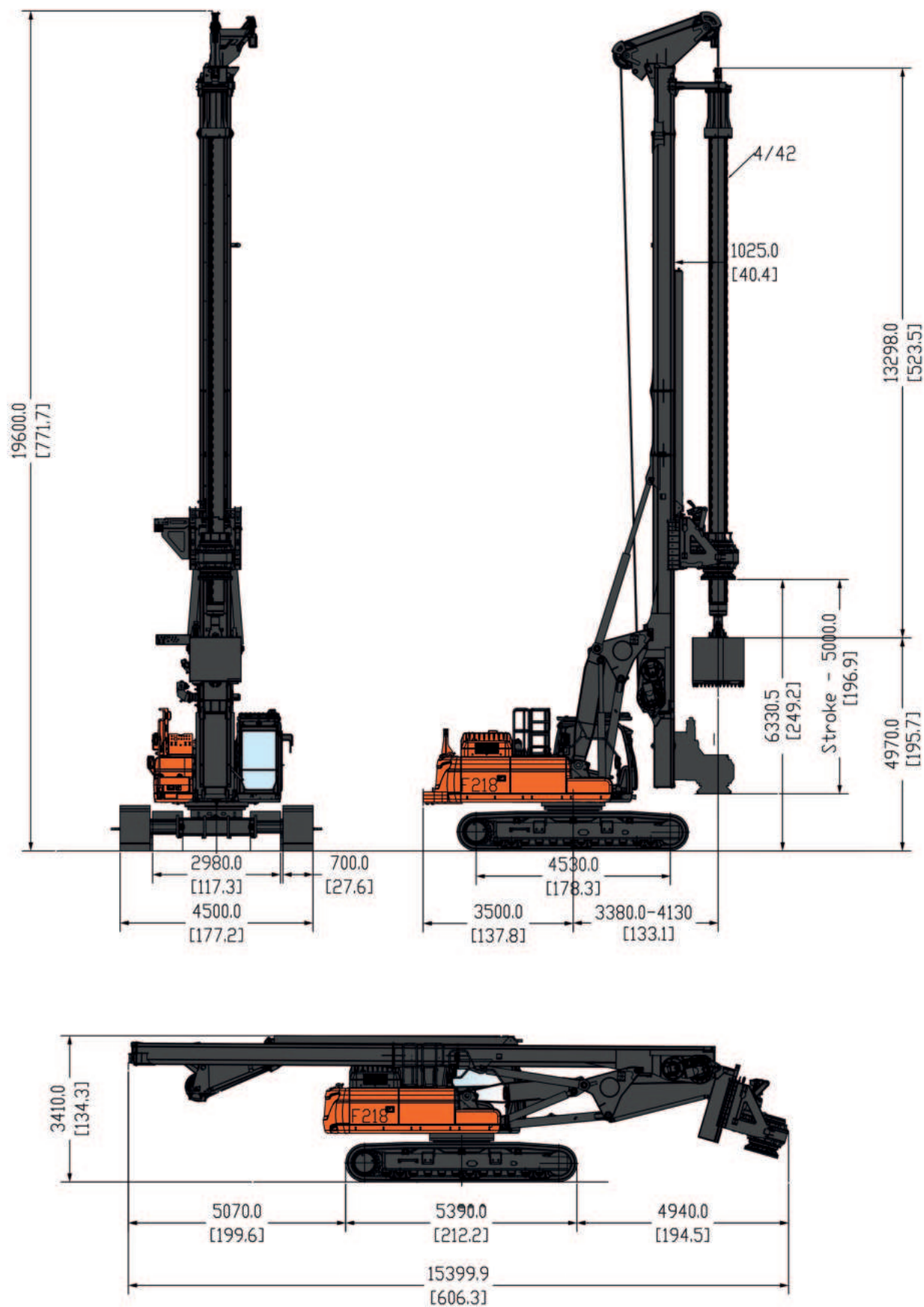
IMT, a global leader in the manufacture of drill rigs and a brand which has always been synonymous with quality and reliability in the pursuit of satisfying market demand, is pleased to present a new series of A drill rigs. This new line is unique in its simplicity and flexibility of use, while also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

The F218 is the most powerful and high-performance drilling rig in its market segment. Its evident Heavy Duty nature, given by the robustness of the drilling attachment, the widening track and the parallelogram system, in addition to the very high performance that has always distinguished us, make the F218 capable of operating in the most difficult terrain with excellent productivity.



F218 - Hydraulic Drill Rig

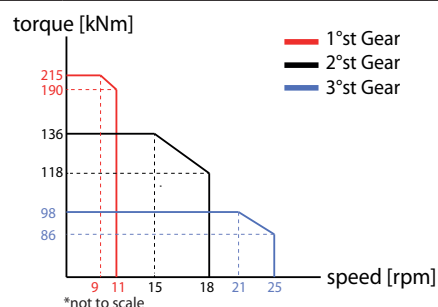
Crowd cylinder version



Technical specifications

F218 Crowd Cylinder

Rotary		
Nominal torque	kNm	215
	lbf ft	158600
Min. Working speed	rpm	7
Max. Working speed	rpm	27
Min. Discharge speed	rpm	40
Max. Discharge speed	rpm	110

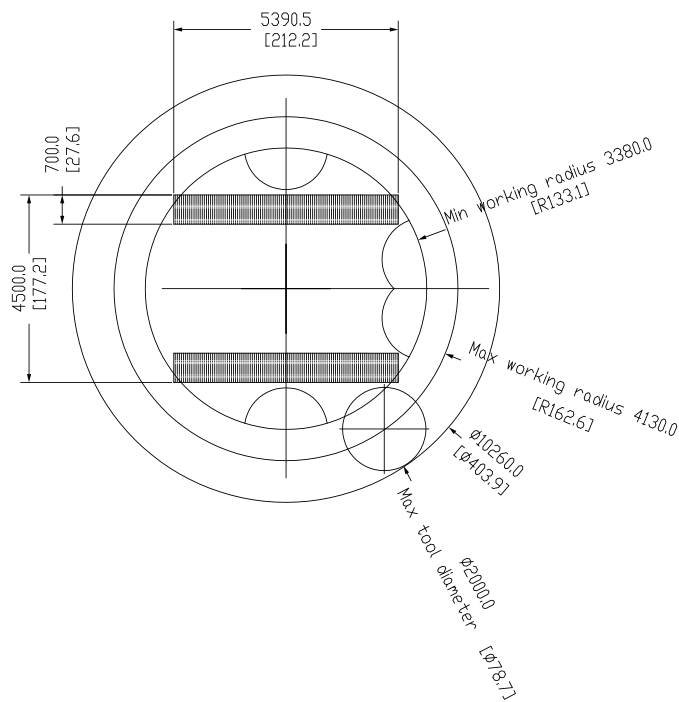


Winches		
Main winch pull nominal force	kN	200
	lbf	44965
Main winch speed	m/min	60
	ft/min	197
Main winch cable diameter	mm	26
	in	/
Auxiliary winch pull nominal force	kN	80
	lbf	17985
Auxiliary winch speed	m/min	85
	ft/min	279
Auxiliary winch cable diameter	mm	18
	in	/
Crowd System		
Kelly crowd push	kN	180
	lbf	40470
Kelly crowd pull	kN	150
	lbf	33721
Stroke (mm)	mm	5000
	in	197
Base		Develon DX300
Undercarriage length / widening range / shoe	mm	5390/2980-4500/700
	in	214/117 - 177/27,5
Engine type		Doosan DL08 Tier
Power		202 KW (270 HP) @ 1900 rpm
Mast		
Mast raking forward	degree	4°
Mast side raking	degree	±5°
Mast raking backwards	degree	15°
Pile max diameter (in front of mast)	mm	2000
	in	79
Kelly bar		
Standard		4/42
Options available		4/46 - 4/48-5/52
Operating Weight w/standard kelly bar	t (metric)	55
	lbs	121260

Technical data can change without prior notice.

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Working area crowd cylinder



A	MAX WORKING RADIUS 4130 [R 162,6]
B	MAX TOOL DIAMETER 2000 [ø 78,7]
C	MIN WORKING RADIUS 3380 [R 133,1]

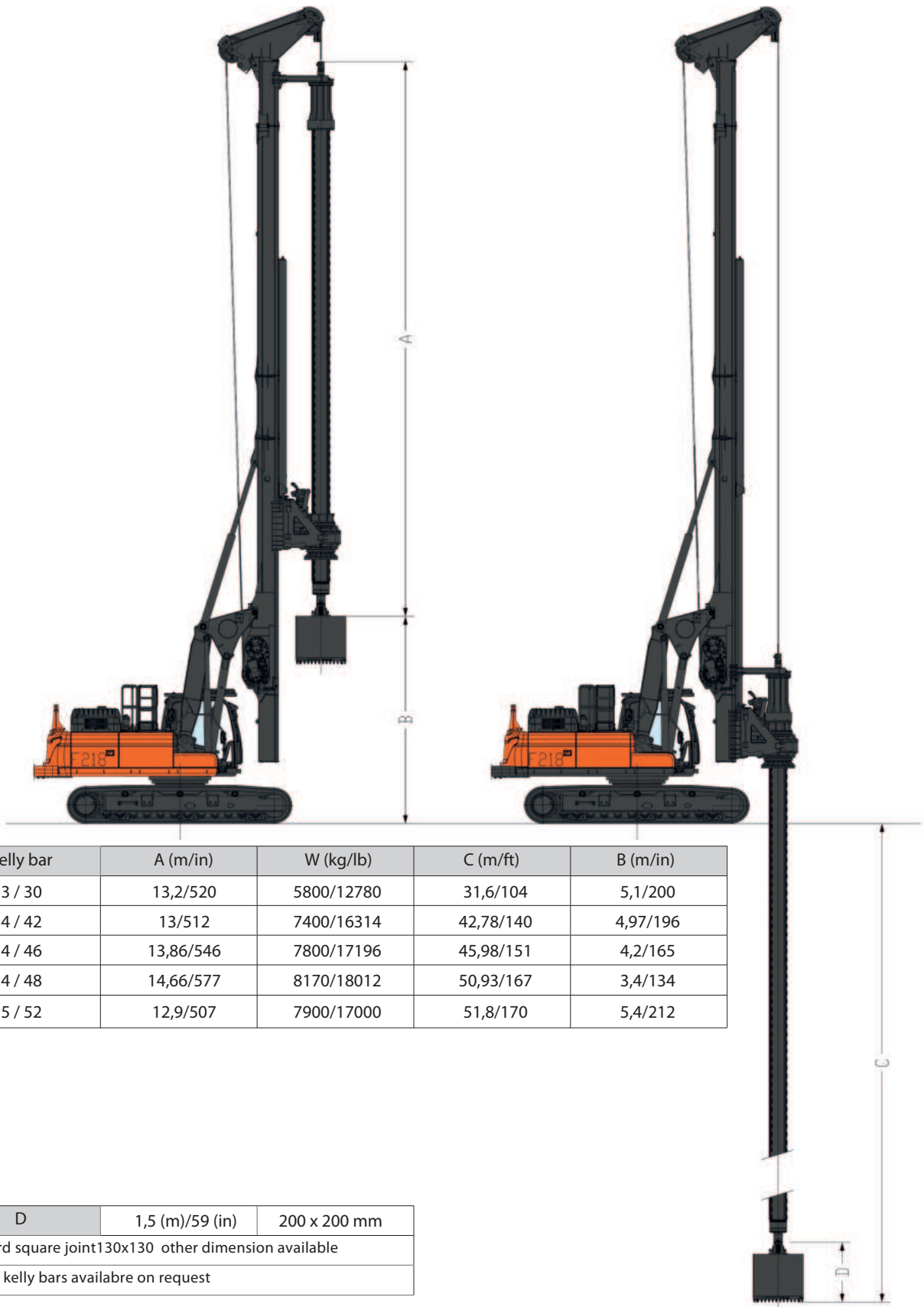
Equipment

- 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
Auxiliary load sensing circuit
Free flow during drilling phase
Automatic bottom hole stop
Depth measuring device on main winch
Mast inclination measurement
Rear camera
Lateral camera
Led Lighting System
Cabin Flashing Light

- OPTIONAL EQUIPMENT-
Biodegradable oil
Every kind of Kelly bar
GPS kit
Tier 4 final / Eu stage V engine
Automatic grease system
Universal joint
Low Clearance kit

F218 - Hydraulic Drill Rig

Kelly bar standard version



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F218 - Hydraulic Drill Rig

Worldwide sales and assistance network

Canada and U.S.A. (North America)

United Kingdom

Spain

Portugal

Malta / Libya

Egypt

Nigeria



IMT dealers, a global network at your service
IMT, like very few other companies in the field,
has a global commercial and assistance network which is
present in over 30 countries.
From any part of the world IMT clients know which they
can always count on fast and efficient service.



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All technical data are indicative and subject to change without notice.



I.M.T. S.r.l. - Industria Meccanica Trivelle
via D'Ancona, 39 60027 Osimo (AN) Italy
Tel. +39 071 723341 - Fax +39 0717 133 352
imt@imtspa.com - www.imtspa.com