



1974

IMT is founded by Mr. Giulio Accorroni.

1975

The first innovative hydraulic drill rig (model 75 type G) is patented. Capable of drilling up to a depth of 30 meters (best market performance at the time)

1978

The Accorroni family buys 100% of IMT shares and Giulio Accorroni is appointed IMT's sole Director.

1984

Andrea Accorroni takes over IMT management following the death of his older brother, (Fabio Accorroni , Giulio's first son)

1985

The company introduces the 805 model, which soon becomes very successful and used for big construction projects, such as the Sagrada Familia in Barcelona, Spain.

1992

New innovative models are launched (i.e., sound-proof machine and model AF12, assembled on a crawler base completely produced by IMT).

1993

Beginning of co-operation with Caterpillar (CAT): IMT starts assembling drill rigs on CAT bases (IMT is the first drill rig manufacturer to do this; other manufacturers will soon follow the example); IMT starts a distribution agreement in North America and Canada for its drill rigs mounted on CAT bases through the CAT dealer in Miami, Kelly Tractor Company In the same period, the technology for driven piles used in the U.S. until then starts moving towards the European piling system and the drilling equipment demand in the US market for all European manufacturers starts growing.

1997

IMT produces the AF50, the biggest drill rig in the world at the time, and sells no. 7 units to the Japanese multi-national company Sumitomo. Giulio and Andrea Accorroni are invited to Osaka for a lecture on the technical characteristics of the rig. The lecture is attended by the owners/directors of the biggest Japanese construction companies.

2005

IMT patents an innovative drilling system related to highly seismic grounds, the "Multi Rotary driven Soil Mixing Pile".

2006-2008

IMT increases its production range and doubles its sales. Andrea Accorroni, current President of IMT INTERNATIONAL S.p.A

2009-2010

IMT reacts to the global economic crisis by launching 2 new product lines in the market with traditional technology (the "AG" series, assembled on HITACHI base, and the "A" series, mounted on IMT base), and completes the first prototype of drill rig for seismic grounds, the AF460 model, which uses the patented "Multi Rotary driven Soil Mixing Pile" system. The prototype is presented at BAUMA 2010, the most important international exhibition for construction machinery. The complete production range is developed thereafter.

2011

IMT AGM appoints a new Board of Directors.

2011/2013

IMT develops the prototypes for the full range of the AF series drilling rigs with Tier 4 engines, as well as the newly-born A125 and A150 models, mounted on IMT base and powered by CAT.

2014/2015

IMT upgrades the A-series machines with new engines and design, and develops its own particular water well technology system.

2016/2017

The brand new range of A-series rigs with Tier 3 engines, completely designed and developed by IMT, and lauched into the market, as well as the AF-series machines, mounted on CAT bases with Tier 4 Final engines





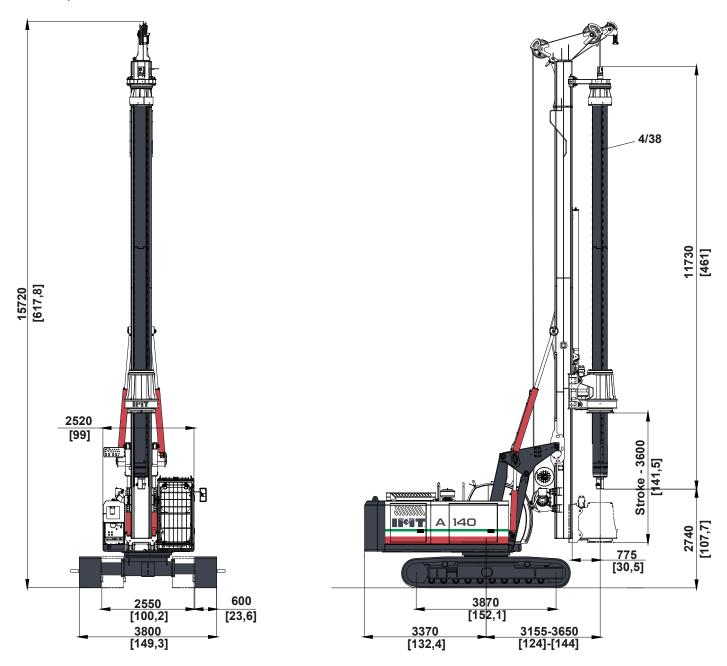
A 140

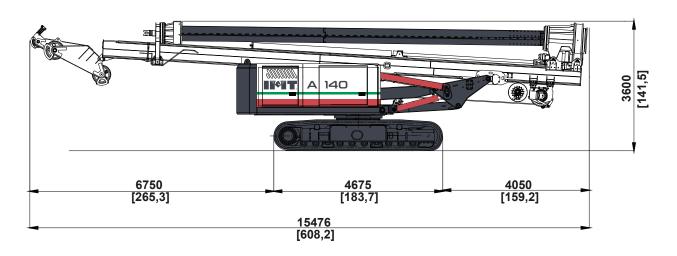
IMT, a global leader in the manufacture of drill rigs and a brand which has always been synonymous with quality and reliability in the pursuit of satisfying market demand, is pleased to present a new series of A drill rigs. This new line is unique in its simplicity and flexibility of use, while also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

The A140 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 heavy-duty undercarriage guarantees optimal stability in various working conditions and configurations.



Crowd cylinder version

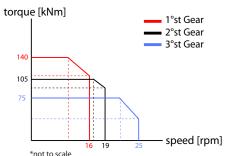




Technical specifications

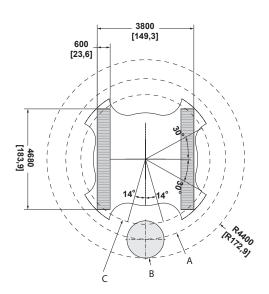
A140 Crowd Cylinder

Rotary		
Installed torque	kNm	140
	lbf ft	110600
Min. Working speed	rpm	7,5
Max. Working speed	rpm	25
Min. Discharge speed	rpm	45
Max. Discharge speed	rpm	112



Max. Discharge speed	rpm	112	*n	not to scale
Winches				
Main winch pull force		kN	145	
			lbf	32600
Main winch speed		m/min	90	
			ft/min	295
Main winch cable diame	ter		mm	22
			in	/
Auxiliary winch pull force	e		kN	60
			lbf	13490
Auxiliary winch speed			m/min	90
			ft/min	295
Auxiliary winch cable dia	ameter		mm	15
			in	/
Crowd System				
Kelly crowd push			kN	110
			lbf	24730
Kelly crowd pull			kN	175
			lbf	39345
Stroke (mm)			mm	3700
			in	146
Base				IMT
Undercarriage length / widening range / shoe		ge / shoe	mm	4690 / 2550 - 3800 / 600
			in	185 / 100 - 149,3 / 23,6
Engine type				Cummins QSB 6,7 T3/T4
				169 KW (227 HP) @1900 rpm
Oil tank capacity			I	250
Fuel tank capacity			I	290
Mast				
Mast raking forward			degree	5°
Mast side raking			degree	±5°
Mast raking backwards			degree	15°
Pile max diameter			mm	1500
			in	60
Kelly bar				
Standard				4/38
Options available				4/34 - 5/47 - 6/57
Operating Weight w/star	ndard kelly b	ar	t (metric)	39
			lbs	85980

Working area A215 crowd cylinder

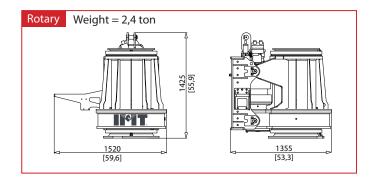


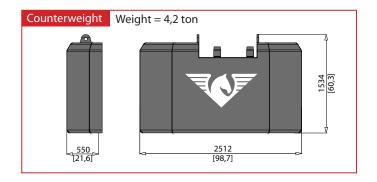
Α	MAX WORKING RADIUS 3650 [R 143,4]

B MAX TOOL DIAMETER Ø1500 [R 59]

C MIN WORKING RADIUS 3155 [R 124]

Removable parts for transport phase





Equipment

- STANDARD EQUIPMENT -

Air conditioner

Neutral lever (lock out) for all control

Guard cab front

Guard cat top

Top cabin working lights

Main and auxiliary load sensing circuit

Free flow during drilling phase

Automatic bottom hole stop

Depth measuring device on main winch

Mast inclination mesurement

Kelly bar intelocking 4/38

- OPTIONAL EQUIPMENT-

Biodegradable oil

Rear camera

Crowd winch kit

CFA kit

Grab kit

Vibro displacement kit

Cardanic universal joint kit

Every kind of Kelly bar

Kelly bar standard version

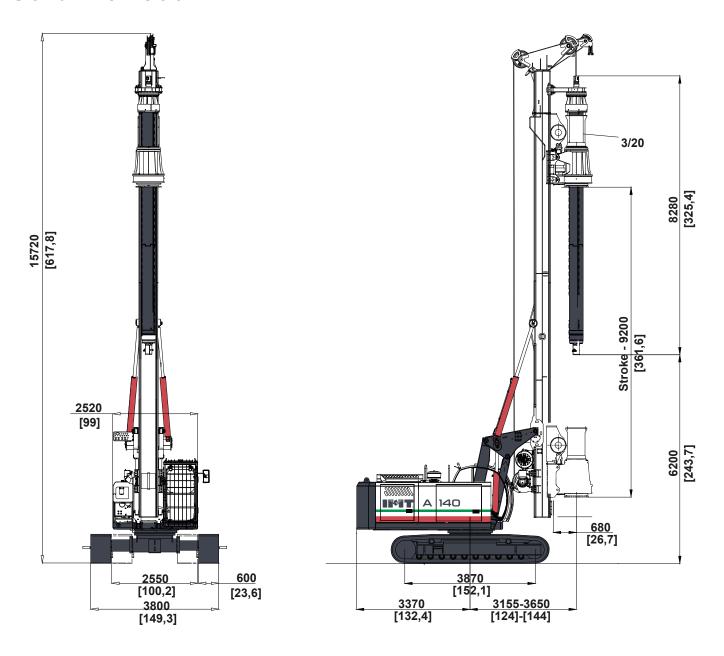


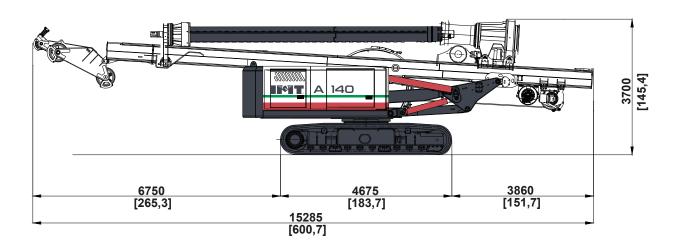


Kelly bar	A (m)	W (kg)	C (m)	B (m)
*3 / 20	8,3	3500	20	6,20
3 / 27	11,7	4500	27	2,70
*4/33	10,1	4200	33	4,30
4/38	11,7	4900	38	2,70
,				
5 / 47	11,7	4800	47	2,70

D	1500 mm	150 x 150 mm		
Other kelli bars available on request				

Crowd winch version





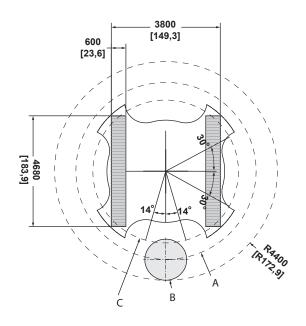
Technical specifications

Winch Crowd System		
Kelly crowd push	kN	150
	lbf	33725
Kelly crowd pull	kN	150
	lbf	33725
Max stroke (mm)	mm	9200
	in	362
Mast		
Pile max diameter	mm	1300
	in	52
Kelly bar		
Standard		3/20
Operating Weight w/standard kelly bar	t (metric)	39,5
	lbs	87090

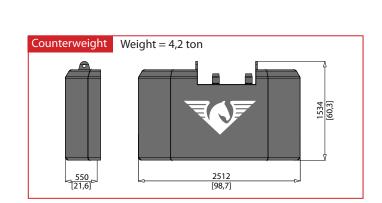
Working area crowd winch

Rotary Weight = 2,9 ton

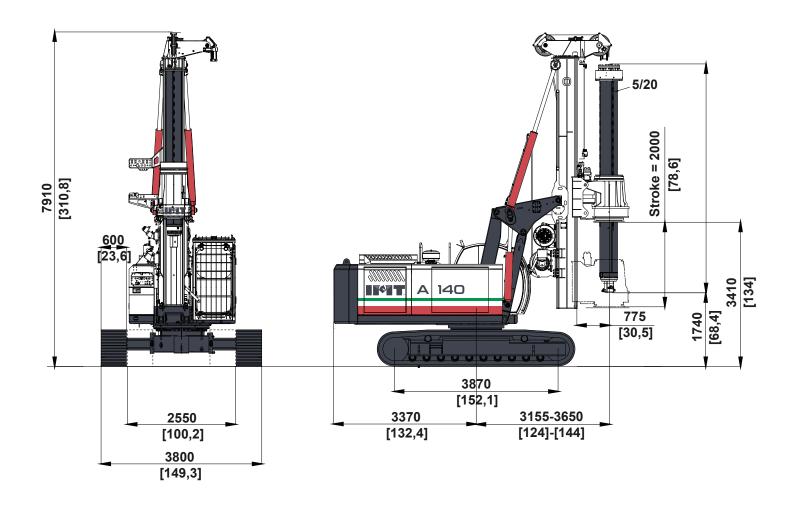
Removable parts for transport phase

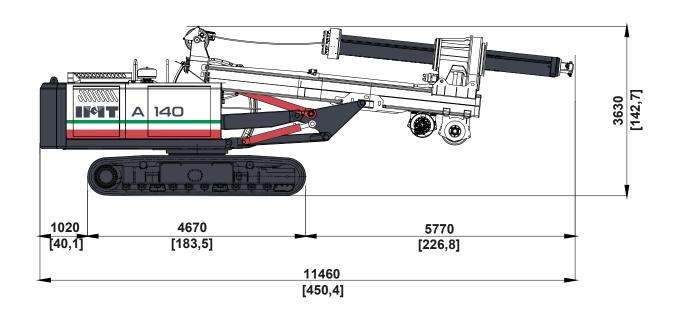


- A MAX WORKING RADIUS 3650 [R 143,4]
- **B** MAX TOOL DIAMETER 1500 [ø 59]
- C MIN WORKING RADIUS 3155 [ø 124]

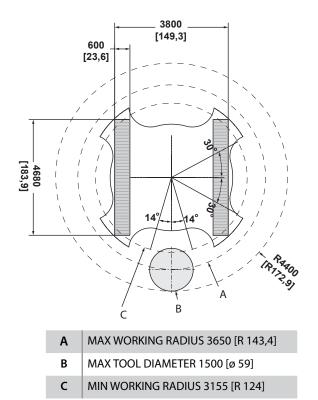


LCA version

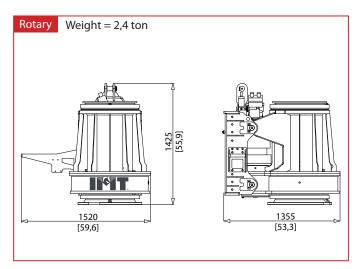


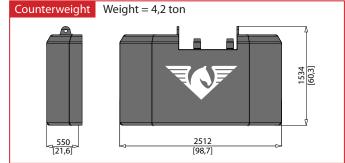


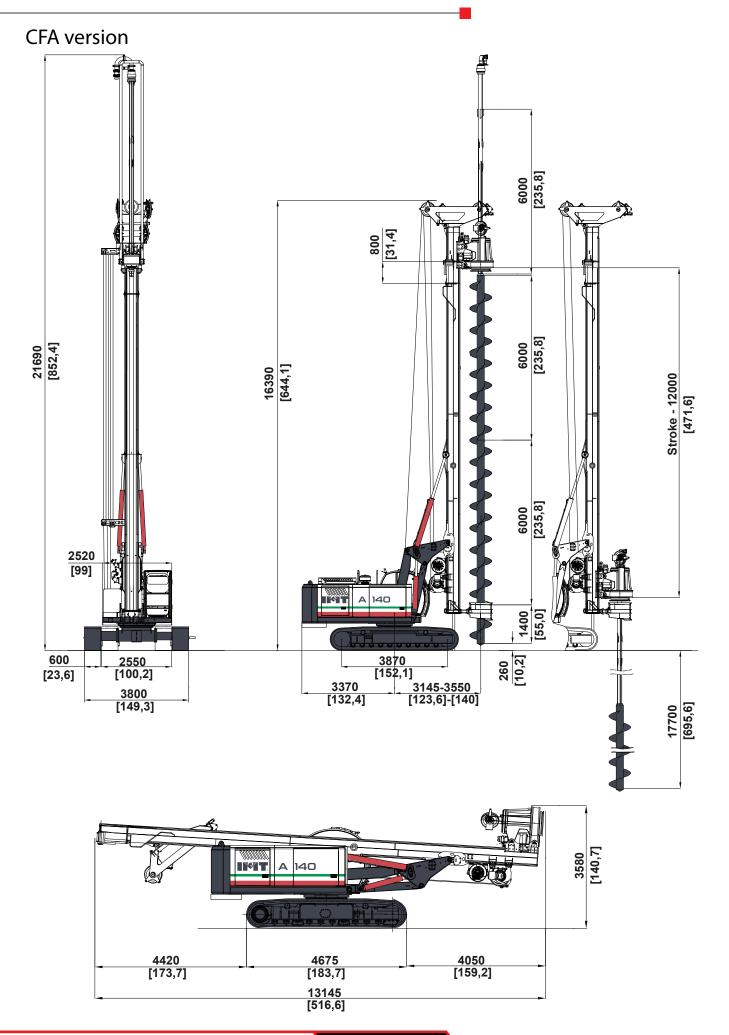
Working area LCA



Removable parts for transport phase



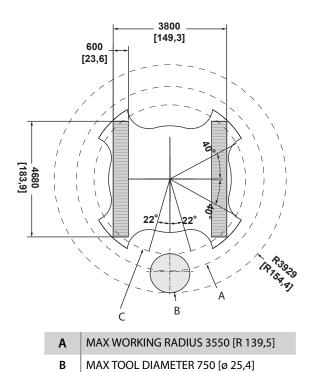




Rotary		
Installed torque	kNm	150
	lbf	110600
Min. working speed	rpm	7,5
Max. working speed	lbf	33725
Crowd system		
Pushing (force optional)	Kn	60
	lbf	13490
Pulling force	Kn	360
	lbf	80935
Max push/pull speed	m/min	20/20
Rotary stroke	mm	12000
	in	473
Pull cable diameter	mm	22
	in	/
Drilling depth maximum w/o auger extension	m	11,7
	ft	38,376
Drilling depth maximum w auger extension	m	17,7
	ft	58,056
Mast		
Mast raking forward	degree	5°
Mast side raking	degree	±5°
Mast raking backwards	degree	15°
Pile max diameter	mm	750
	in	30
Operating weight w/o auger	t (metric)	38
	lbs	85980



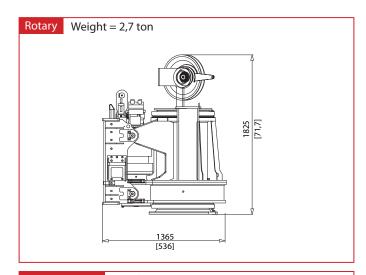
Working area CFA

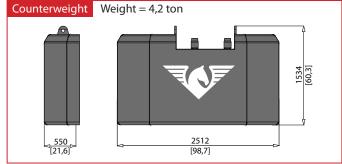


MIN WORKING RADIUS 3145 [R 123,6]

c

Removable parts for transport phase



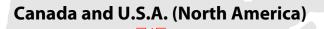


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Note	

Note



