IMT S.R.L. COMPANY PROFILE

2. HISTORY AND MILESTONES

- **1974:** IMT is founded by 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:** Fabio Accorroni (Giulio's first son) dies in an accident and Andrea Accorroni, his younger brother and current IMT President, takes over IMT management.
- **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
- **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 in 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.
- **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.

- **2011/2013:** IMT develops the prototypes for the full range AF series drilling rigs with Tier4 engines as well as the newly born A125 and A150 rigs mounted on IMT base and powered by CAT.
- **2014/2024** IMT upgrades the A series with new engines and design. The A90 is launched on the markets as well as a new series available on excavator bases: A45, A65, A130 and A210.

2. HISTORY AND MILESTONES

1958, THE FIRST DRILL RIG EVER BUILT IN ITALY

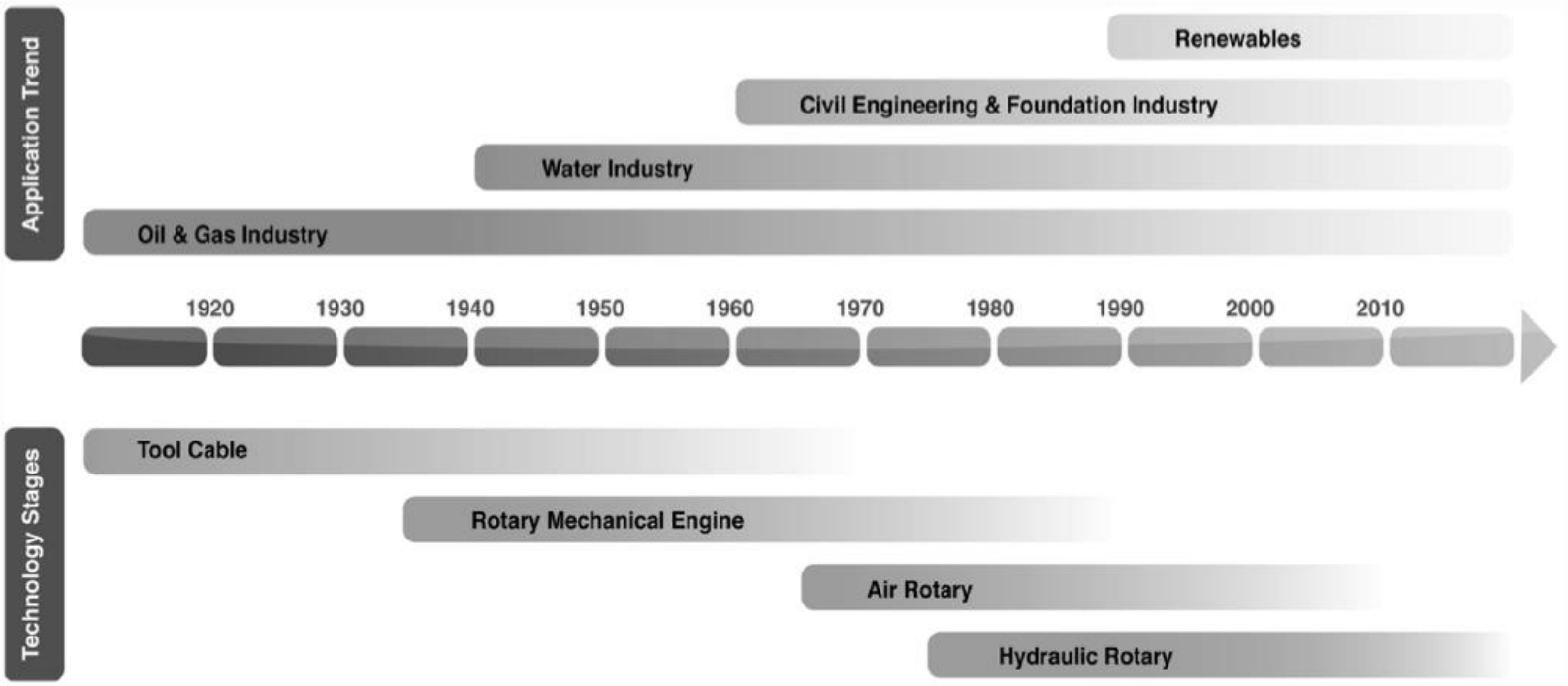
1974,THE FIRST TELESCOPIC HYDRAULIC RIG IN THE WORLD

imt INDUSTRIA MECCANICA TRIVELLE

THE FIRST IMT LOGO

2. HISTORY AND MILESTONES

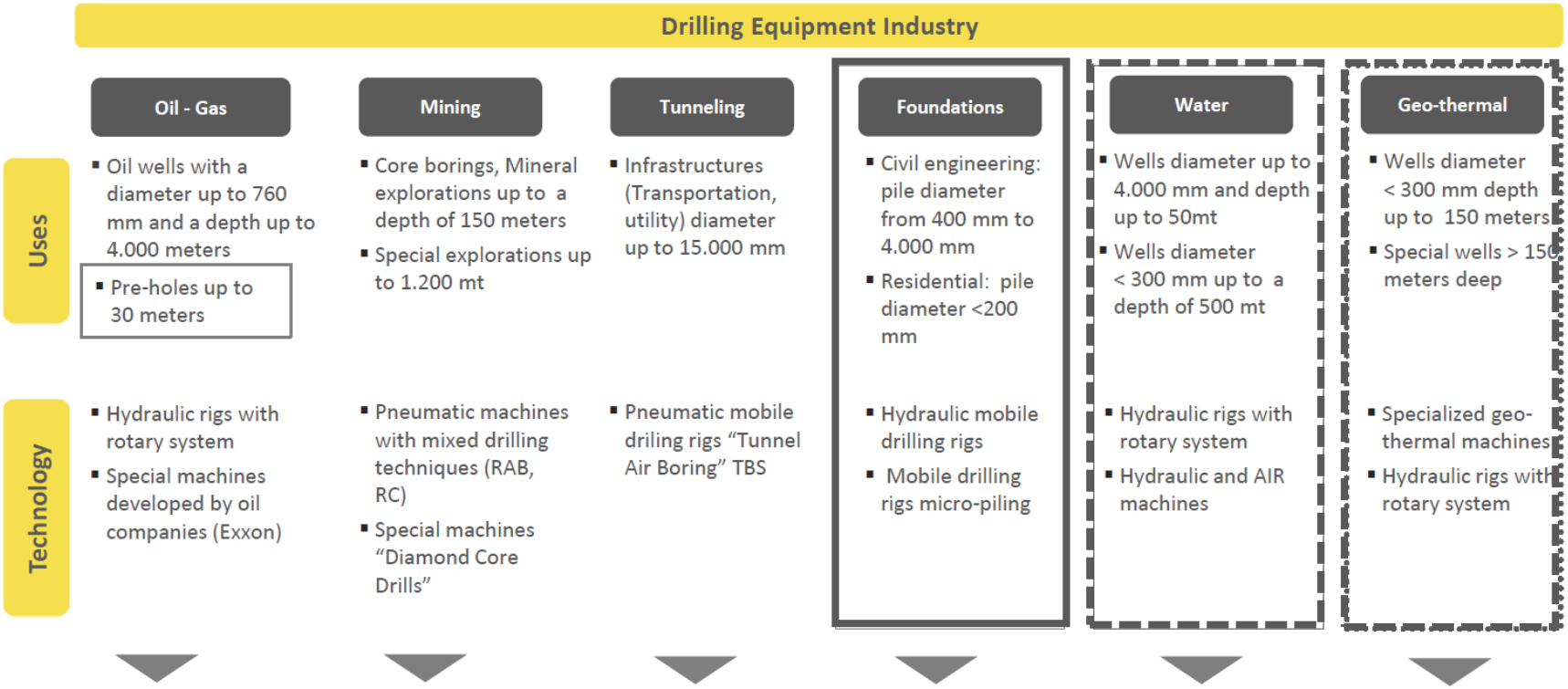
The drilling industry starts with application for the Oil & Gas field, and then develops torward more complex enginering projects



The hydraulic and oleodynamic technologies developed in Italy in the 70s are today some prevailling technological standard in special drilling works, including foundation and civil engineering.

3. APPLICATIONS

The drill rig machinery industry is highly technology driven with a wide combination of applications, due to the need for drilling machines capable of working on different kind of soil and with different drilling technologies



Drilling machines are characterized by high technological complexity common to the different indiustrial application

IMT APPLICATION FIELD (already developed)

IMT APPLICATION FIELD (under the developement)

IMT dealers, a global network at your service
IMT, like very few other companies in the field, has a global commercial and assistance network wich 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.

IMT today has a network of dealer all over the world and our service department is always in touch with dealer to support the customers.

5. PRODUCT RANGE (standard version)

A45

Kelly bar – 22 m

Pile max Ø 1100 mm

Torque- 45 kNm

Engine power- 54 kW

Weight- 16 ton

A90

Kelly bar – 28 m

Pile max Ø 1300 mm

Torque- 90 kNm

Engine power- 100 kW

Weight- 27 ton

A130

Kelly bar – 33 m

Pile max Ø 1500 mm

Torque- 130 kNm

Engine power- 124 kW

Weight- 34 ton

A140

Kelly bar – 38 m

Pile max Ø 1500 mm

Torque- 140 kNm

Engine power- 162 kW

Weight- 39,5 ton

5. PRODUCT RANGE (standard version)

A215

Kelly bar – 42 m

Pile max Ø 2000 mm

Torque- 215 kNm

Engine power- 254 kW

Weight- 60 ton

A290

Kelly bar – 46 m

Pile max Ø 2300 mm

Torque- 290 kNm

Engine power- 328 kW

Weight- 80 ton

A330

Kelly bar – 46 m

Pile max Ø 2500 mm

Torque- 330 kNm

Engine power- 354 kW

Weight- 95 ton

AF460

Kelly bar – 110 m

Pile max Ø 3200 mm

Torque- 460 kNm

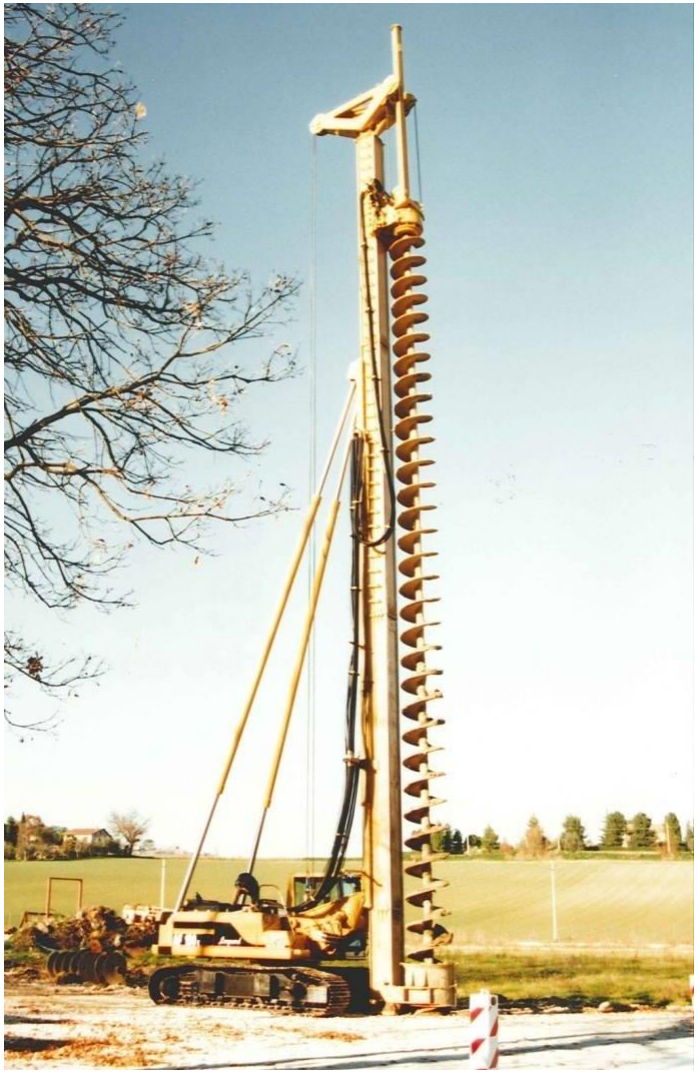
Engine power- 390 kW

Weight- 165 ton

7. IMT SPECIAL MACHINES

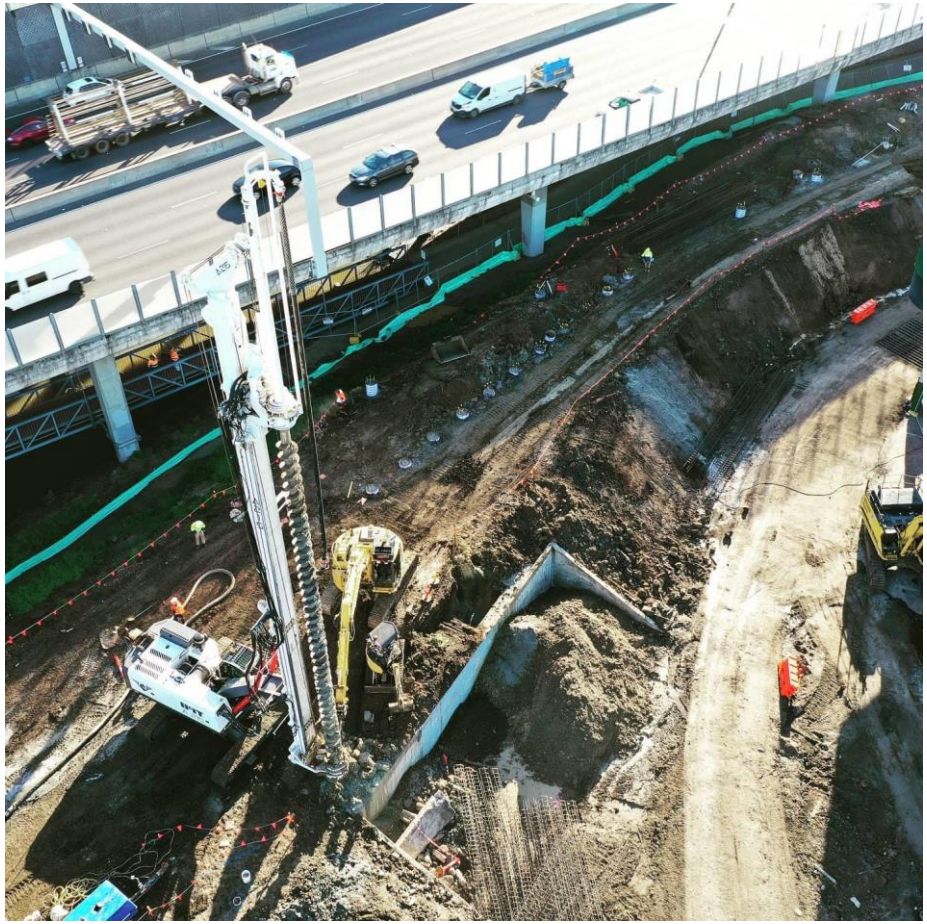
CFA version

7. IMT SPECIAL MACHINES



7. IMT SPECIAL MACHINES

7. IMT SPECIAL MACHINES



7. IMT SPECIAL MACHINES

Telescopic grab version

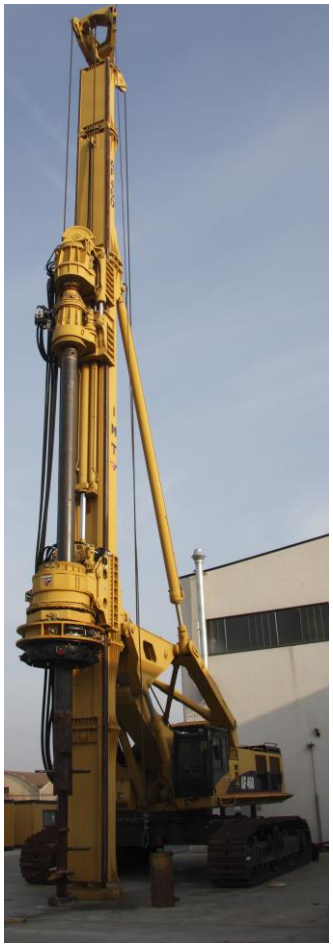
7. IMT SPECIAL MACHINES

Hydraulic hammer version

7. IMT SPECIAL MACHINES

7. IMT SPECIAL MACHINES

7. IMT SPECIAL MACHINES



Soil mixing version

Three crowd cylinders version

7. IMT SPECIAL MACHINES (crane)

7. IMT SPECIAL MACHINES (Vibroflotation)

7. IMT SPECIAL MACHINES (LCA low clearance attachement)

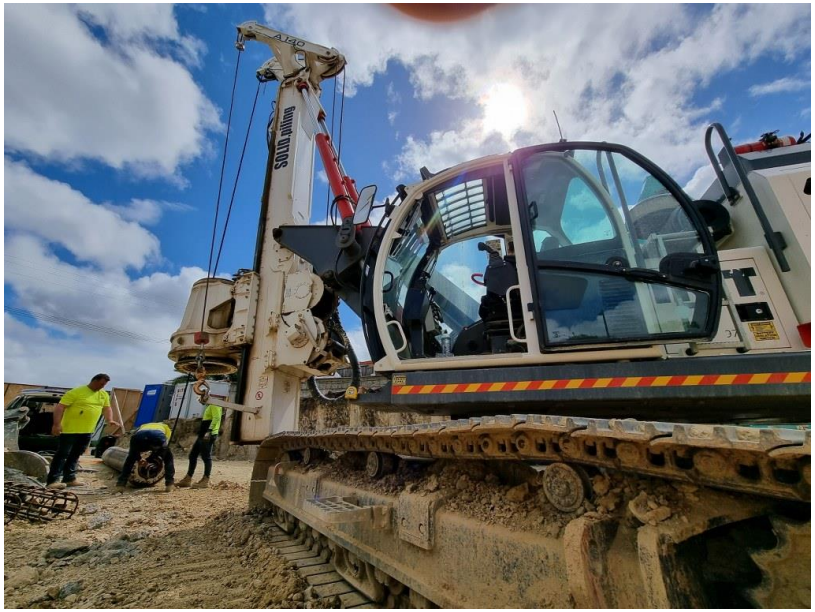
Since 1990 IMT started building LCA machine.

With the LCA machines allows drilling under structures up to 7 m. This special version of machine was very successful.

7. IMT SPECIAL MACHINES (LCA low clearance attachment)

Now lots of machines in LCA version are working especially in USA for the implementations of the power lines.

7. IMT SPECIAL MACHINES (LCA low clearance attachment)



7. IMT SPECIAL MACHINES SOIL MIXING

The picture below shows a sequence on the job site where mixing piles, of a diameter of 1200 mm, have been carried out with steel pipes of 1000 mm, for a depth of 60 meters.

In this case, the double rotary kit has been utilized only for the mixing and not to position the casing.

7. IMT SPECIAL MACHINES SOIL MIXING

The picture below shows a sequence on the job site where mixing piles, of a diameter of 1200 mm, have been carried out with steel pipes of 1000 mm, for a depth of 30 m.

In this case, the double rotary kit system has been used both for mixing and for casing driving.

7. IMT SPECIAL MACHINES SOIL MIXING

The picture below shows the use of the mixing pile double rotary kit system for the building of a bridge in Japan for piles of 1200 mm, 55 meters deep.

7. IMT SPECIAL MACHINES AF460 SOIL MIXING

AF460
IN MULTIROTARY VERSION (SOIL-MIXING TECHNOLOGY FOR ANTI-SEISMIC PILES)

(KELLY BAR VERSION):
TRADITIONAL TECHNOLOGY FOR PILES WITH KELLY BAR

THANK YOU FOR YOUR KIND ATTENTION