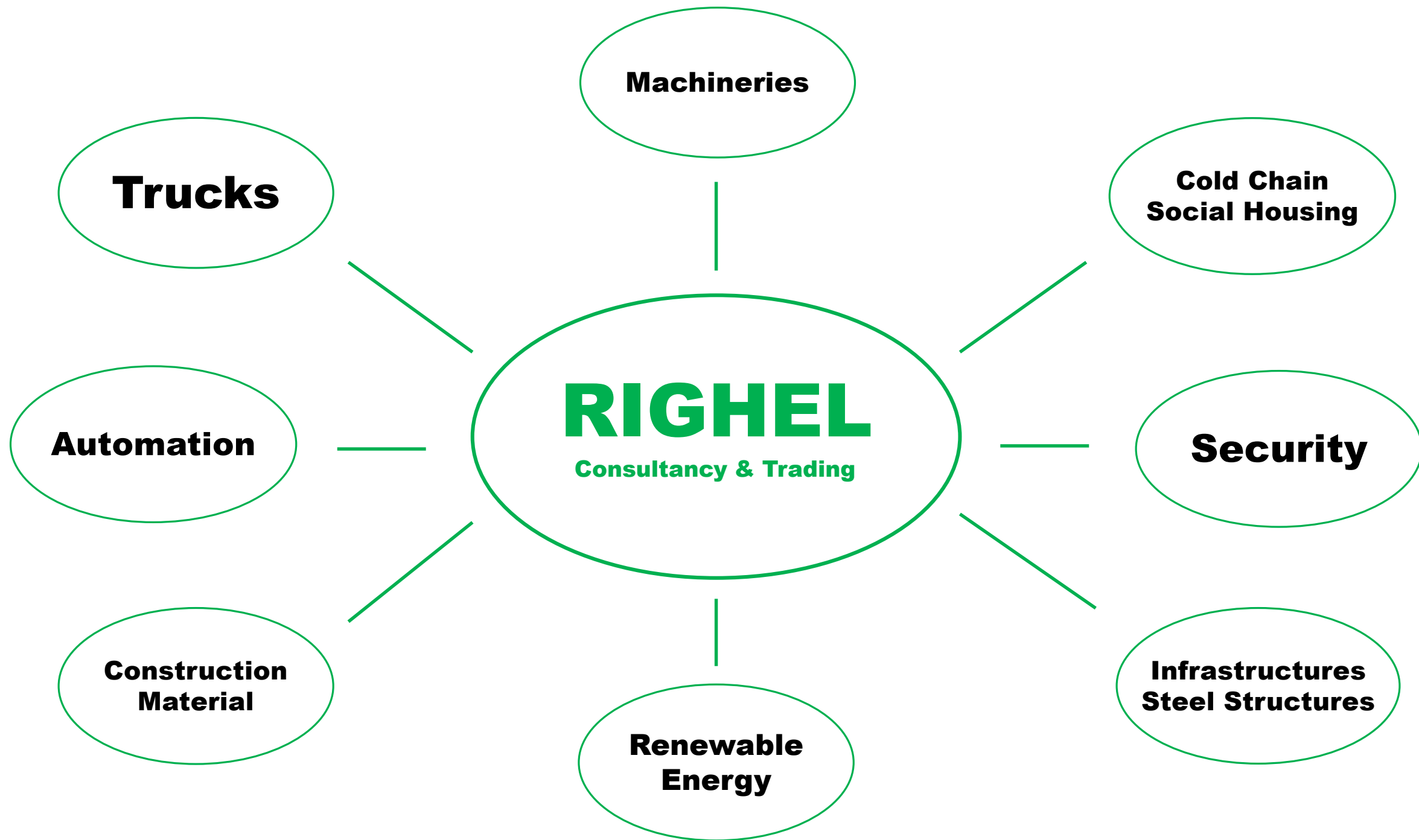






RIGHEL

Consultancy & Trading

Is an Italian Consulting Company operating for some years in the regions of the Horn of Africa.

We represent many important Italian brands: ASTRA, FAAC, MARCEGAGLIA, FURGOKIT, CARRIER,....

We are active in the design and installation of industrial plants for the food sector.

We have a lot of experience in designing renewable energy.

We offer advanced quality Social Housing systems.

We operate in the infrastructure sector with two main General Contractor.

Truck



**IVECO
ASTRA**

was born from the intuition of an Italian to reconvert American military vehicles in the immediate post-war period and from that moment ASTRA (Anonima Sarda Trasporti) has always produced heavy and robust vehicles capable of carrying large weights. ASTRA joined the IVECO family at the end of the 1980s and then subsequently with IVECO in the CNH Industrial group in 2013.

On construction sites for earth moving, with tipping body, with water tank, or with cement mixer; a special set-up with the pump for pouring concrete at high altitude.

This brand is especially strong in the mining & quarry, oil & gas, heavy haulage and heavy construction fields

ALL MACHINES FOR INFRASTRUCTURAL WORKS, EXTRA-HEAVY TRANSPORT AND SPECIAL APPLICATIONS



Mining &
Quarrying

Heavy
Construction

Oil & Gas

Heavy
Haulage

MACHINES TO WORK HARD WITH



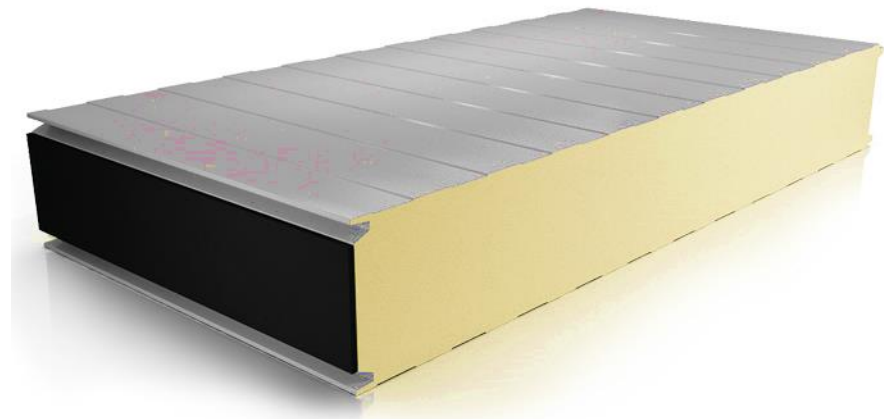


**Cold
Chain**

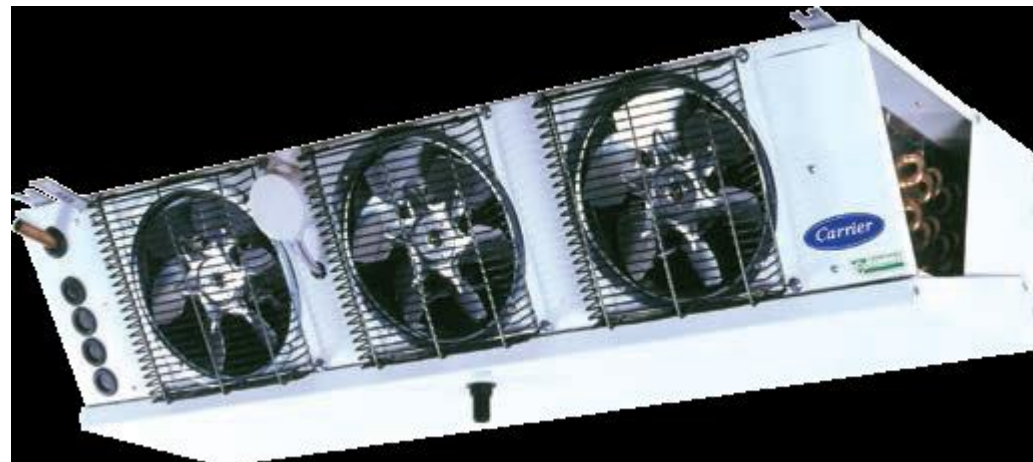
MARCEGAGLIA: Sandwich INSULATED panel

CARRIER: AIR COLLING system

FURGOKIT: ISOTHERMAL VAN by sandwich panels



 **MARCEGAGLIA**
BUILDTECH



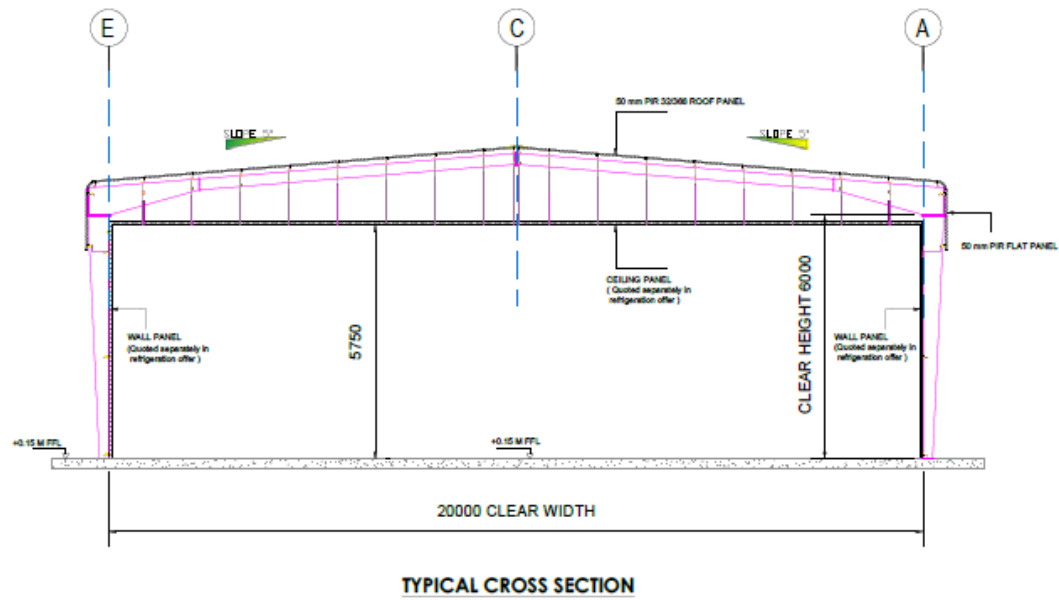
 **ASTRA**



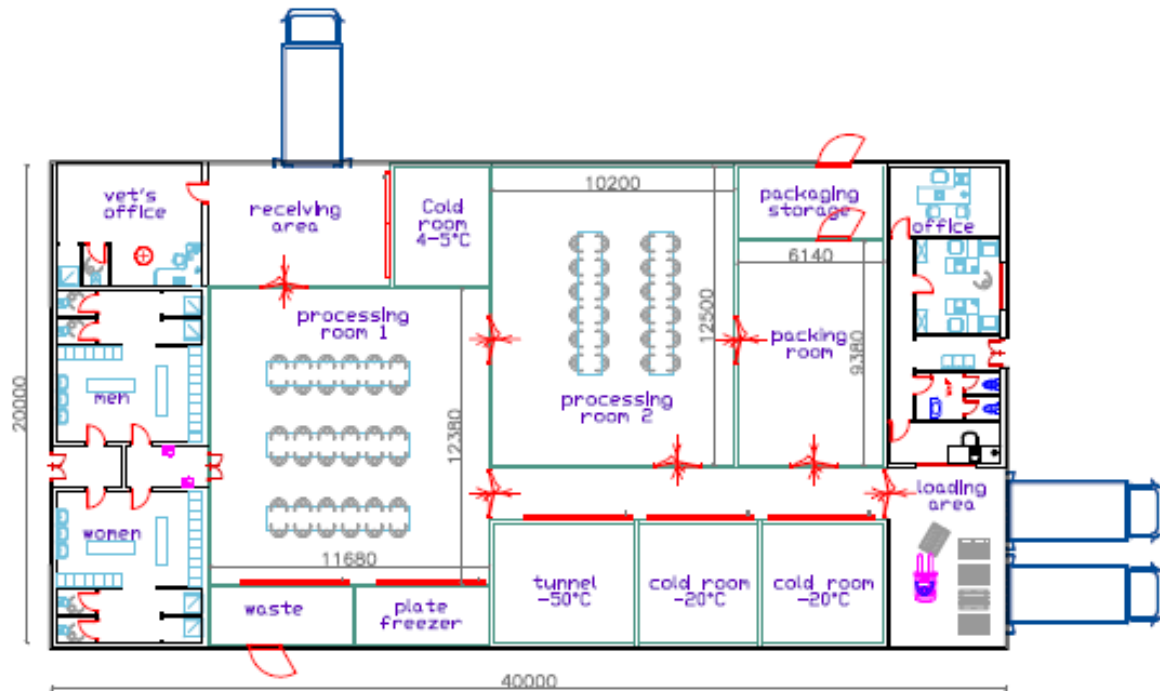
 **FURGOKIT**

Cold Room

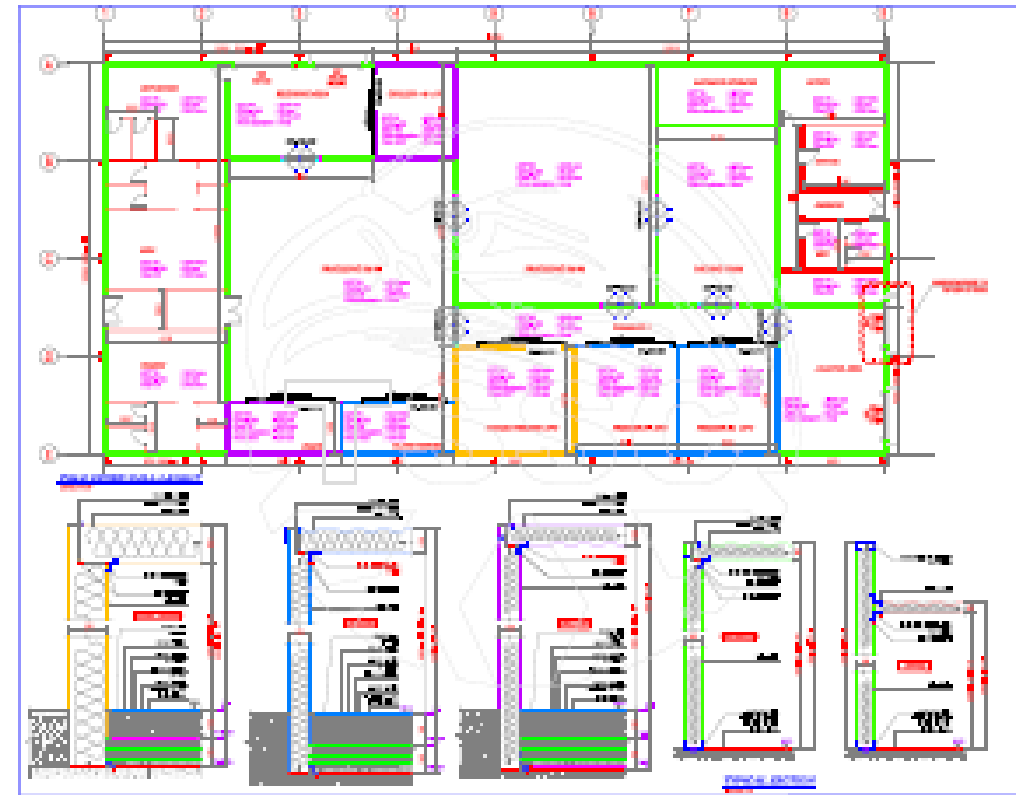




TYPICAL CROSS SECTION



Project for a fish processing factory in Somalia



Social Housing



BLOCK MAKING MACHINE

Moulding area up to 1,40 sq.m. product height ranging from 40 to 350 mm.

Patented VARIO-POWER vibration system developed by ESB to control frequency and amplitude, in order to reduce cement consumption and to increase density of product, thus ensuring higher mechanical strength.

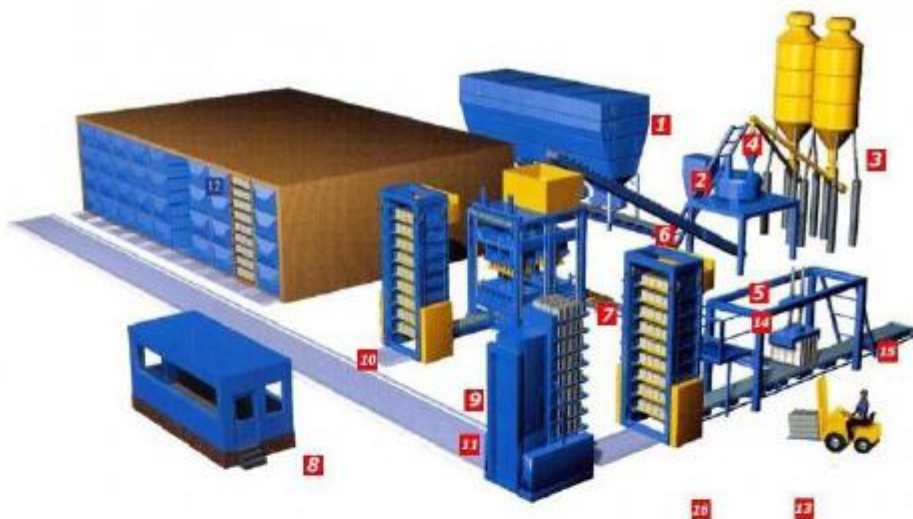
Movable hopper for filling the feeder box adjusted automatically depending on product volume.

Possible production on mobile steel plate, no increase in cycle time, allows improved vibration distribution, a longer lifespan of the wooden pallets and grants superior product finishing.

Quick production switch in is achieved by automated mould clamping and pressing head fixing, together easy set up procedures

Memorization of all parameters setting for every type of production.

Autoadjustment loop system maximizes working parameters even through different mixtures and operating conditions.



Impianto "Train System"

■ Informazioni sull'impianto.

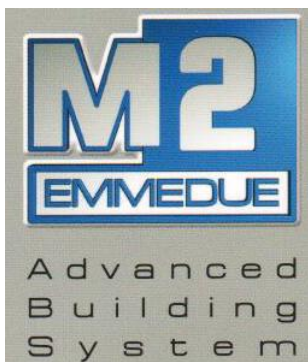
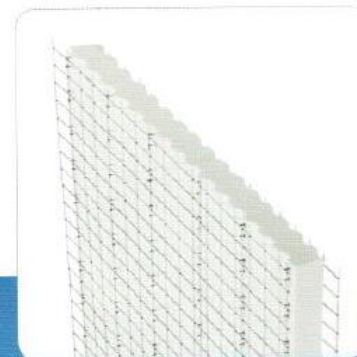
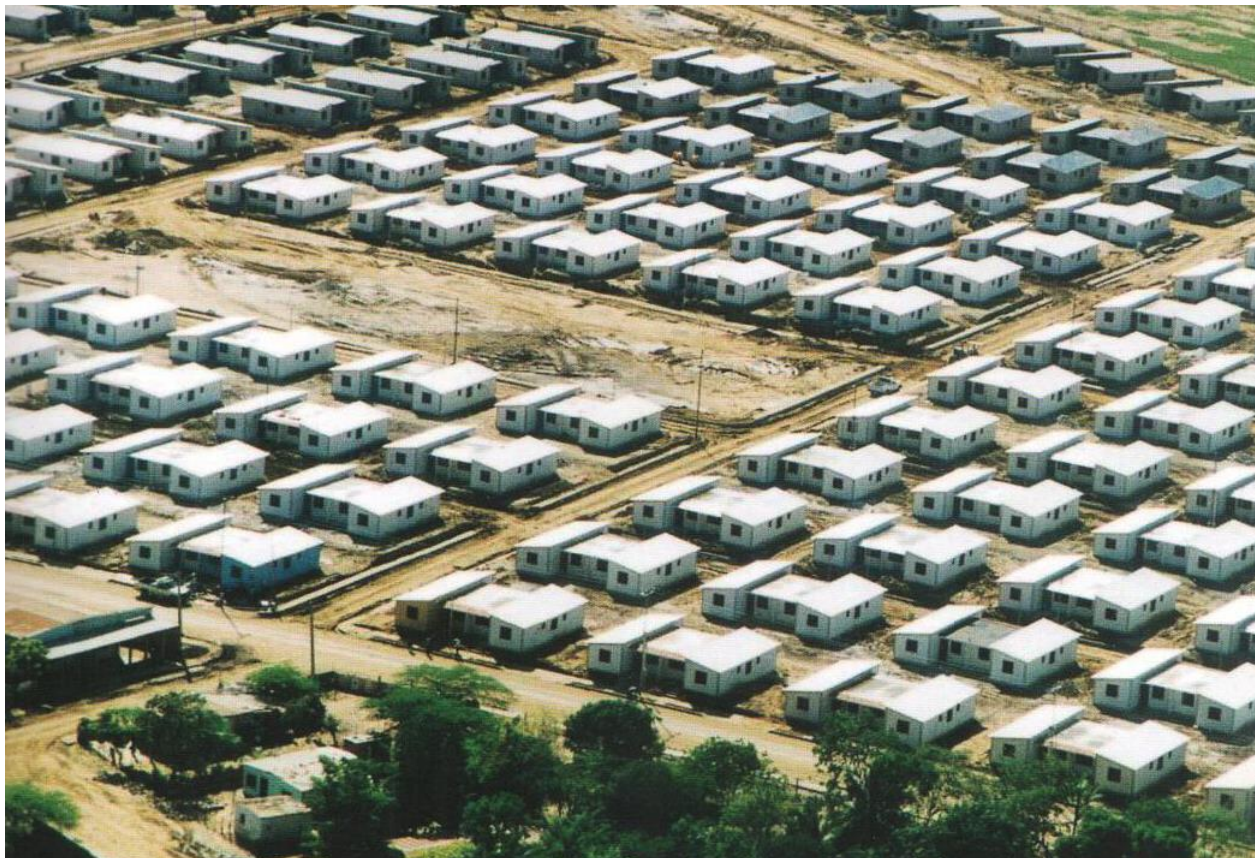
LAYOUT AUTOMATIC PLANT

1. AGGREGATES HOPPERS
2. PLANETARY MIXER
3. CEMENT SILOS
4. CEMENT SCREW
5. PALLETS RETURN CONVEYOR
6. CONCRETE CONVEYOR
7. BLOCK-MAKING MACHINE
8. CONTROL UNIT
9. PRESCHEDULED TROLLEY
10. PALLET LIFTING DEVICE
11. FINGER CAR
12. CURING AREA
13. FORKLIFT
14. CUBING DEVICE
15. ROLLER CONVEYOR
16. PALLET UNLOADER



ESB.01

LENGTH * 7.150 mm WIDTH * 2.500 mm HEIGHT * 3.500 mm *inclusive of the hydraulic unit		Estimated production cycle of 12 hours · blocks cm 20 x 20 x 40 : 18.000 pcs. · paving stone cm 10 x 20 : 1500 sq.m.	
Machine net weight 28.000 kg.		Power of vibration system 22 KW	
max moulding area 1,40 sq.m. Block height from 40 to 350 mm. max. pallet size 1400x1300x45/50 mm.		Power of hydraulic unit 40 KW	
		Hydraulic tank capacity 700 l.	



For over 35 years, EMMEDUE® has been leader in the production and marketing of an **innovative anti-seismic building system** which provides **thermal and acoustic insulation**.

The **EMMEDUE®** building system was created in 1981 and initially registered as **MONOLITE®** then in 1995, following a company restructure, became EMMEDUE®.

Mr Candiracci, founder of the system and current President of the company, drew on his previous experience in both the **construction and engineering fields** to develop the building system. By combining these two experiences, Mr Candiracci created and developed what has in time become an **innovative and ingenious building system**.

The EMMEDUE® building system was created in 1981 and initially registered as **MONOLITE®** then in 1995, following a company restructure, became EMMEDUE®.

Machineries



ABOUT US

MARINI, established in Alfonsine in 1899, is a world leader in the production of asphalt plants.

Activity began with the production of bicycles, motor bikes and 2 stroke diesel engines. Later on, when the road building sector was in great expansion, Marini started the production of asphalt plants, road building machinery and road maintenance equipment. In 1973 MARINI S.p.A. was constituted and in 1988 the majority of shares was acquired by FAYAT Holding.

Over the past 10 years, MARINI has made important investments in the production sector, emphasizing its distinguishing feature as an industrial complex. This is the result of a precise strategy aimed to guarantee the very best quality by manufacturing the most important asphalt machinery components inside the Marini workshops.

In view of this, MARINI is able to carry out all main production phases internally: cutting and welding of the sheet-iron, construction of components, assembly, surface treatments like sand-blasting and painting, manufacture and installation of electric and electronic appliances and software development.

BeTower 1500
Production up 120 T/H

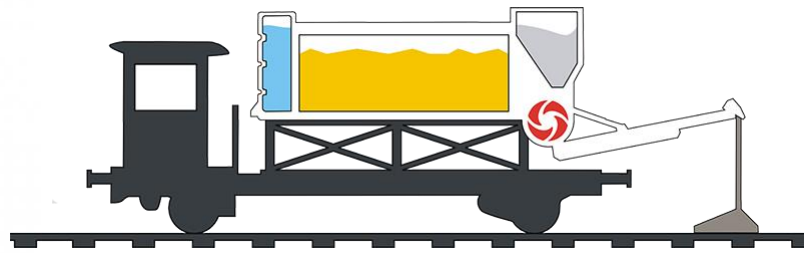
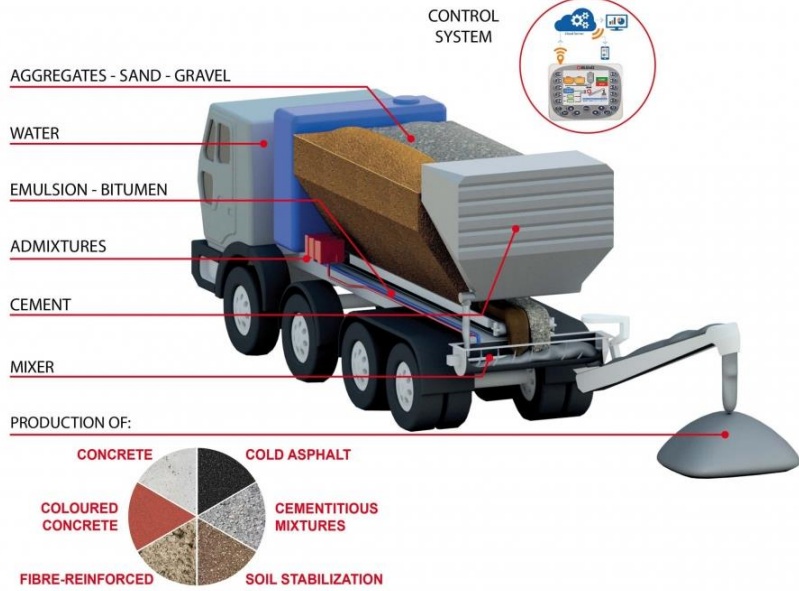


Machineries



Innovation is a fundamental feature of our activity. Paying attention to all aspects of the construction industry gives us the chance to recognize the problems and needs of our customers and therefore the opportunity to develop solutions that will have a beneficial impact on their activity. Our goal therefore is to offer equipment **that will improve the quality, the efficiency, and particularly the profitability of their jobs.**

We have been designing machinery for the construction world for years and have gathered a wealth of experience, technologies and expertise that today allow us to project our machines into the future. **In fact, our priority is to develop highly innovative ideas** and present you with newly conceived products that can offer you more than you're used to asking of a construction plant. In order to do this, one of our primary concerns is the in-depth knowledge of the needs and requirements of our customers. To this end we carry out careful market research, which indicates the direction in which to develop our study and design. Our machines are the answer to your needs. **For example it emerged that one of the main demands from the market is greater production flexibility.** Based on this idea, we developed our Mobile Plants line, which includes several mobile plants adaptable to different requirements: high production capacity is combined with complete hydraulic and electric autonomy and maximum ease of transportation.

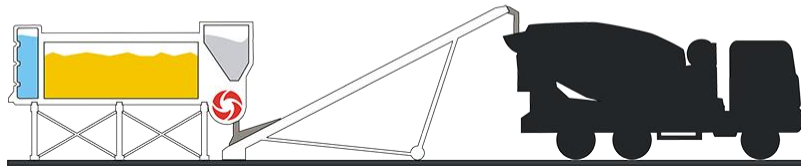


A240

- Easy operation
- Quality mixing
- Productivity
- Flexibility
- Autonomy
- Mobility

A new machine concept to meet all your needs

A240 marks a significant novelty in mobile machines. It is able to produce concrete, cold asphalt and stabilisation mixes. Easily transported, with no installation required, it is electrically and hydraulically independent. All above benefits without losing production capacity or the quality and consistency of a superior product.



Security

FAAC

Bollards for the perimeter protection of critical areas

Traffic bollards range specifically dedicated to high security and antiterrorism, ideal to protect every kind of sensitive area and regulate traffic in strategic crossing points



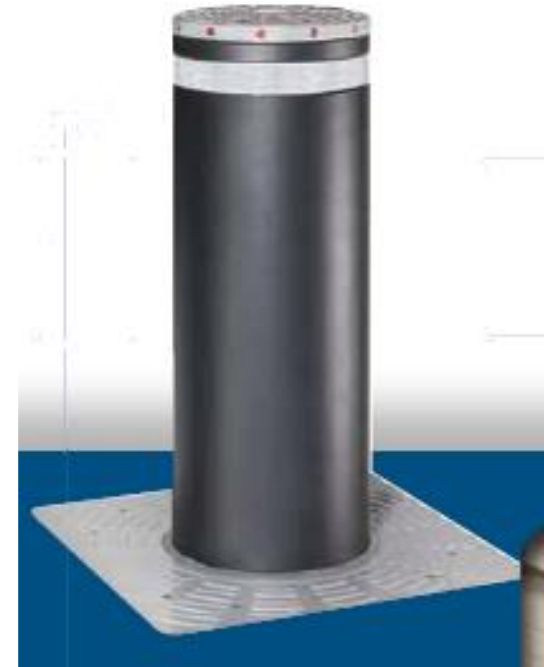
J355 M50 Series certified perimeter security

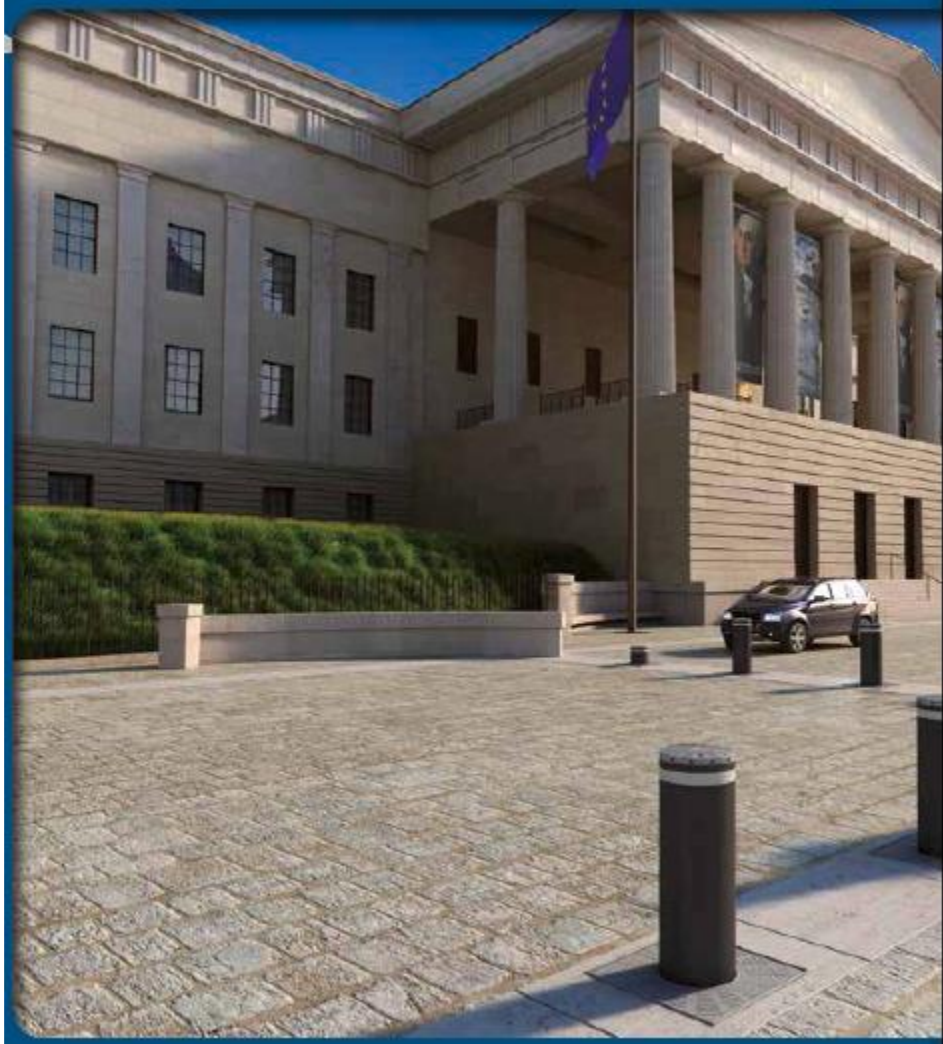
(HA) Automatic

Designed and tested to protect extremely sensitive areas and all those areas with special perimeter security requirements against terroristic attacks

(F) Fixed

For the perimeter protection of sensitive areas, allows complete aesthetic coherence with automatic models (HA); ideal for mixed installations





Automation

The FAAC logo is displayed in white, bold, sans-serif capital letters on a black rectangular background.

In **1965 Giuseppe Manini**, then a building contractor, noticed the gates of blocks of flats were always left open. You needed to get out of the car to open them, but no-one ever went back to close them afterwards.

THE SOLUTION? HE'S GOT IT.

In keeping with the **great inventors** that preceded him, Manini crafts **little masterpieces of hydraulic technology** himself. The result is the forebear of the FAAC product family: **the 750 underground operator, the first automatic gate movement system.**

The 750 is followed by the **400, the first on-swing-gate** model, and the main products in the current hydraulic range, which necessitate the creation of a genuine **sales network** for their distribution.

THE IDEA'S A REAL HIT!

These were the years of the first great "**gamble**", when our company's original small-scale production system was transformed into an industrial mass **production system** capable of maintaining **high quality standards.**

The **402** was the first product created by the new series production. **Die-cast aluminium moulds** were introduced, new materials like **POM for valves** were developed, and **Gerotor pumps**, quieter and more efficient than gear pumps, were adopted: these and other components all helped **improve performance** and product innovation.

EXPANSION AND CONSOLIDATION.

The first subsidiaries opened. Connected directly to the central plant, they ensured distribution of products abroad.

The first training courses began in parallel. These were essential for building and above all "educating" the first **specialised sales force.** **Success** extended outside Italy and led to the opening of **two affiliates.** At the same time, in **Zola Predosa**, what in future years was to become the **headquarters** of an increasingly forward-looking group was opened.



AUTOMATIC BARRIER



REVOLVING DOOR



SLIDING DOOR



PARKING TECHNOLOGY



SWING GATE

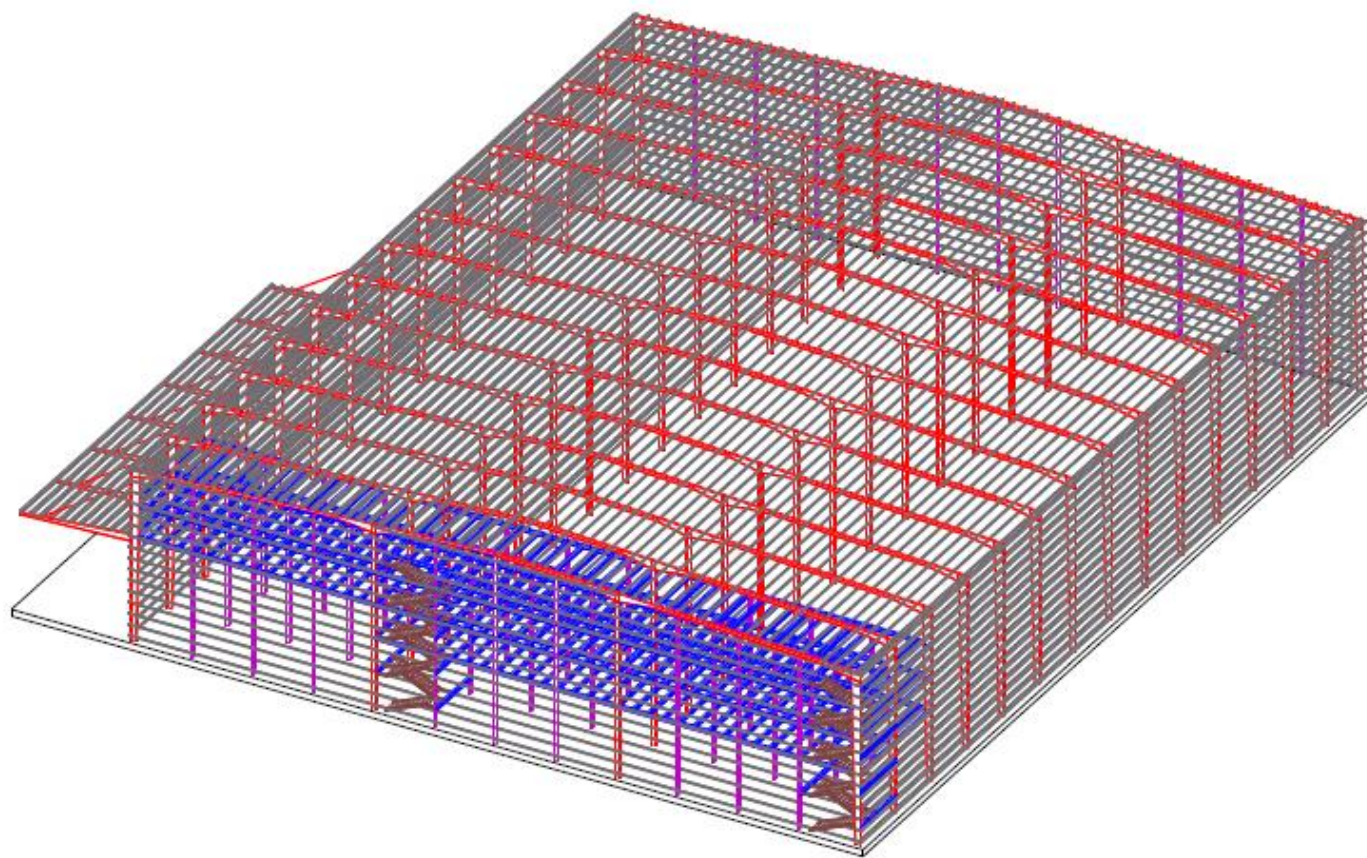


PEDESTRIAN ACCESS

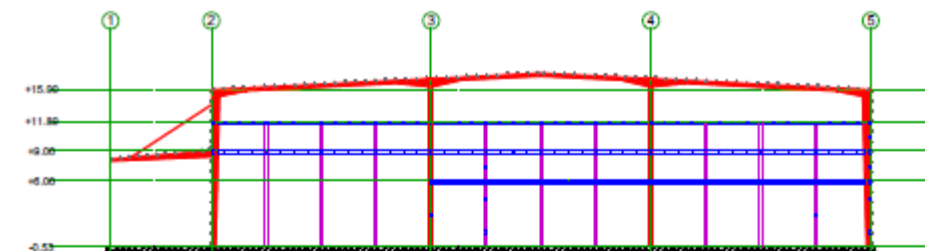
Steel Structures

- ❖ **Steel Structures since 30 years**
- ❖ **Design any kind of Steel Structures**
- ❖ **Production any kind of Steel Structures**
- ❖ **Installation on site**
- ❖ **Canopies and Kiosc for Gas Station**
- ❖ **Infrastructures like BRIDGES**
- ❖ **Wharehouse**
- ❖ **Commercial and Industrial Building**
- ❖ **Residential Buildings**

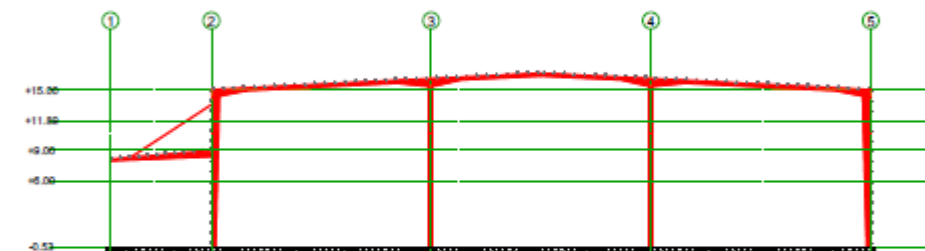




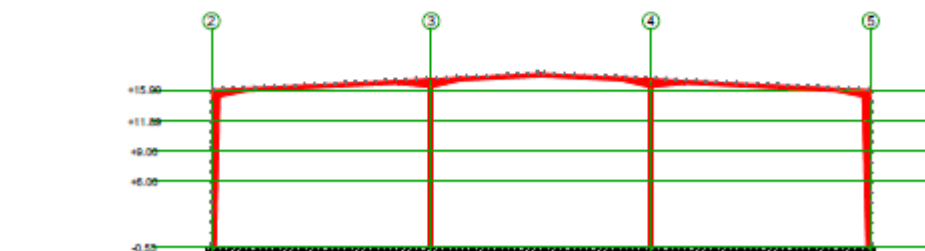
ISOMETRIC VIEW



TYPICAL FRAMING SECTION (GRID A - GRID C)



TYPICAL FRAMING SECTION (GRID C - GRID H)



TYPICAL FRAMING SECTION (GRID H - GRID O)

Project for a logistics warehouse in Senegal

Infrastructures



The company has been operating for over 40 years in the field of infrastructures and in particular in the construction of roads, highways, bridges, viaducts, railways, subways, funicular, airports, and related complementary structures, shopping centers.

We also have a thirty-year experience in drilling water wells; within the group there is also an Italian company leader in the construction of drilling and well maintenance machines: DRILLMEC



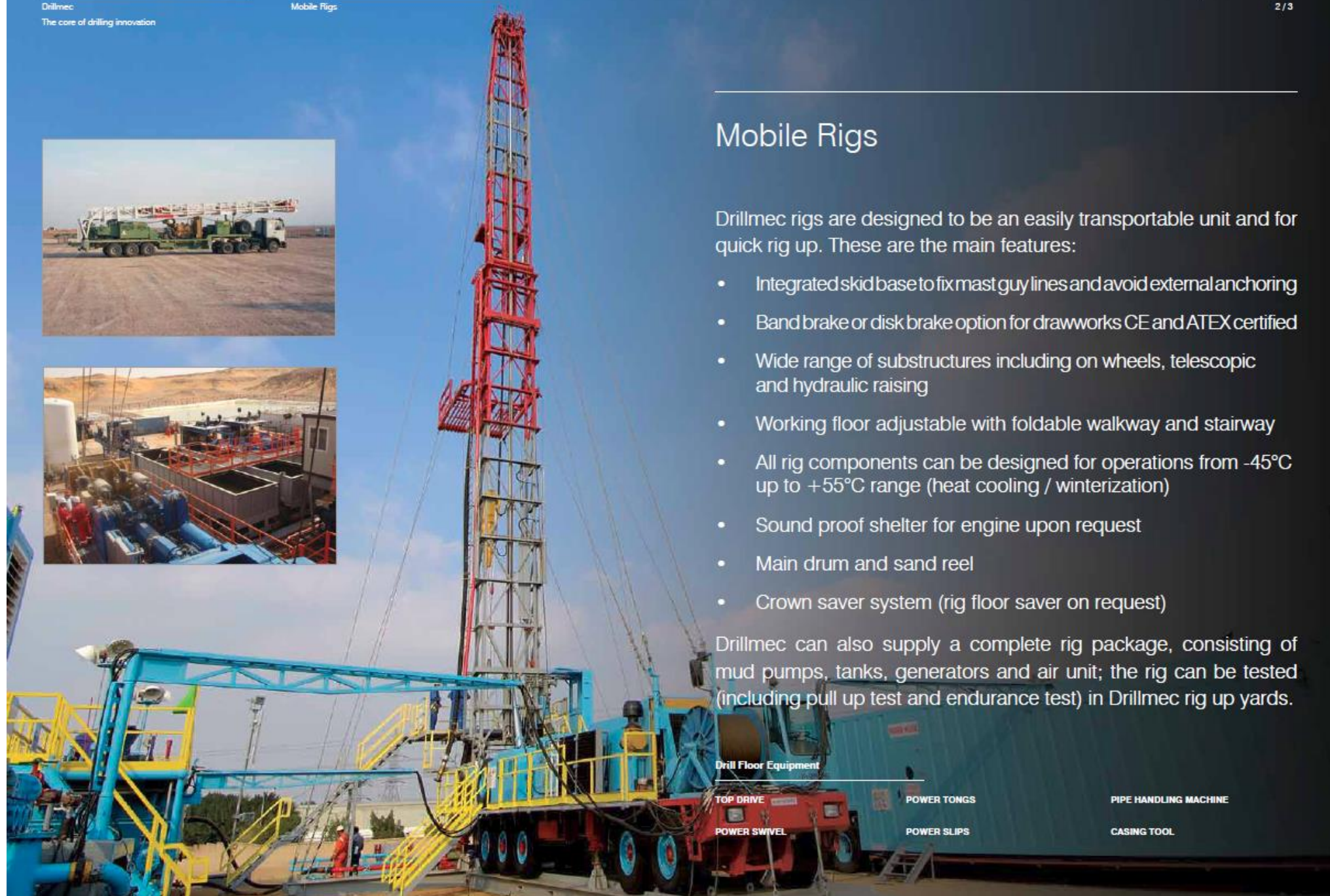


Mobile Rigs

Drillmec rigs are designed to be an easily transportable unit and for quick rig up. These are the main features:

- Integrated skid base to fix mast guy lines and avoid external anchoring
- Band brake or disk brake option for drawworks CE and ATEX certified
- Wide range of substructures including on wheels, telescopic and hydraulic raising
- Working floor adjustable with foldable walkway and stairway
- All rig components can be designed for operations from -45°C up to $+55^{\circ}\text{C}$ range (heat cooling / winterization)
- Sound proof shelter for engine upon request
- Main drum and sand reel
- Crown saver system (rig floor saver on request)

Drillmec can also supply a complete rig package, consisting of mud pumps, tanks, generators and air unit; the rig can be tested (including pull up test and endurance test) in Drillmec rig up yards.



Drill Floor Equipment

TOP DRIVE

POWER TONGS

PIPE HANDLING MACHINE

POWER SWIVEL

POWER SLIPS

CASING TOOL

Water Well & Multipurpose Rigs

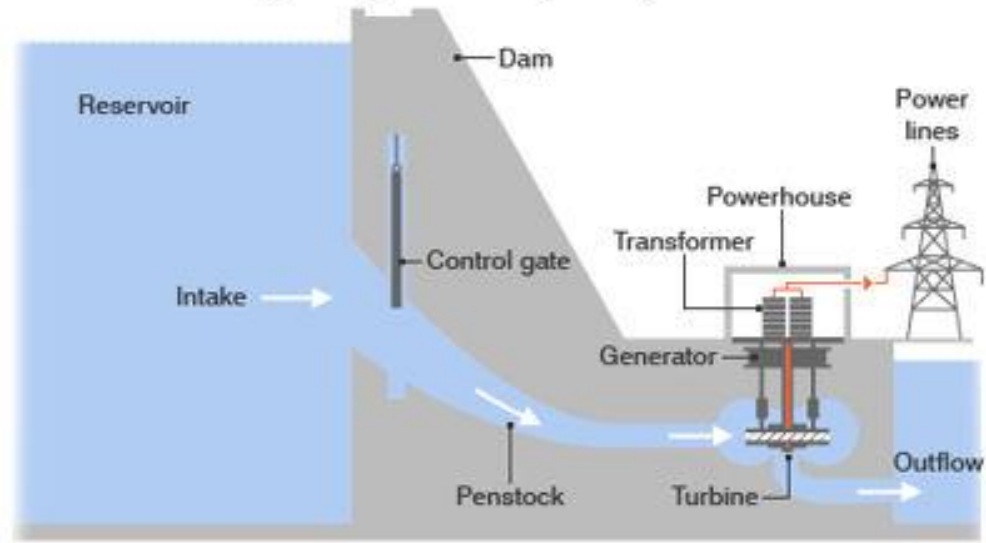


Renewable Energy



- ❖ Due diligence
- ❖ Energy yield and resource analysis
- ❖ Environmental and social impact assessment
- ❖ Feasibility and development
- ❖ Grid connection
- ❖ Operational performance analysis
- ❖ Owner's / lenders' engineering
- ❖ Technical component reviews
- ❖ Energy storage services

Cross-section of typical hydroelectric power plant



Construction Material

All the material is of Italian production

- ❖ Tiles (floor and wall)
- ❖ Parquet (wood floor)
- ❖ Doors (wood and fire)
- ❖ Marble (floor and wall)
- ❖ Granite (floor and wall)
- ❖ Glues and Grouts
- ❖ Prefabricated insulated panel for cold room.



RIGHEL

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