



THE SOILMEC **NEW** LINE

**5** Technologies

**28** Versions



Everything you need!

Save fuel.  
Save money.



**-10,4 l/h**

# Soilmec

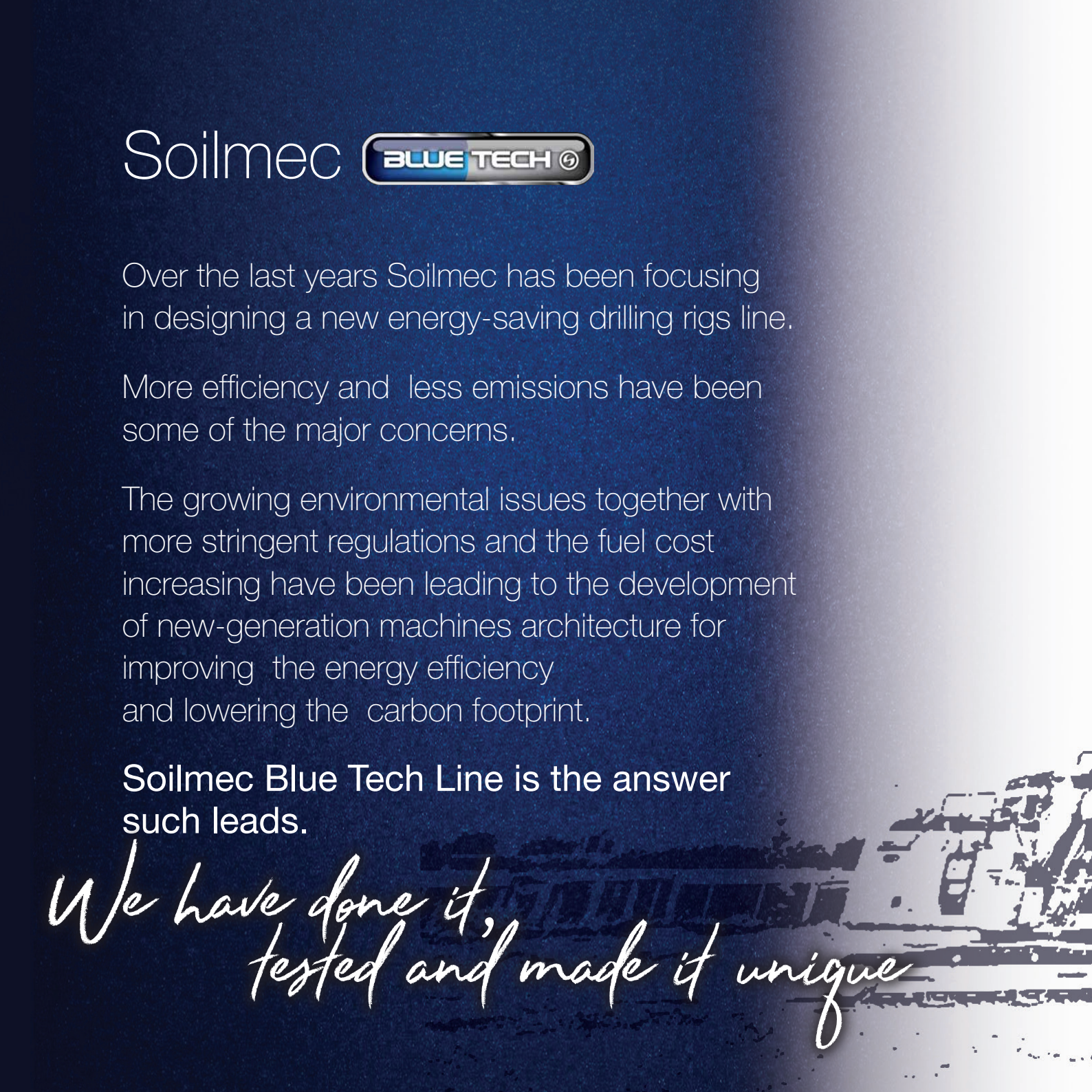
Over the last years Soilmec has been focusing in designing a new energy-saving drilling rigs line.

More efficiency and less emissions have been some of the major concerns.

The growing environmental issues together with more stringent regulations and the fuel cost increasing have been leading to the development of new-generation machines architecture for improving the energy efficiency and lowering the carbon footprint.

**Soilmec Blue Tech Line is the answer such leads.**

*We have done it,  
tested and made it unique*

A large, complex drilling rig is shown in the background, partially obscured by the text. The rig is white and blue, with various mechanical components visible. It appears to be a large-scale industrial machine used for drilling or mining.

**Blue Tech** is the new Soilmecc piling rigs line designed around a **new energy saving architecture**.

The **Blue Tech Line** design is based on the optimization of the power transmission and minimization of the energy dissipation.

A special attention to the rig's main parts which are normally involved during working cycle has been given.

**The Diesel Engines** are equipped with low-idle system and automatic radiators' control.

These new engines automatically adjust the speed according to the actual needs.

In this way, they improve combustion and cooling efficiency and permit finally to reduce noise pollution.



**All these solutions and improvements reduce the fuel consumption and the carbon footprint emissions** providing the engine with a longer life.

Also the rotary head includes a wide range of solutions in order to reduce the losses and increase the performance.

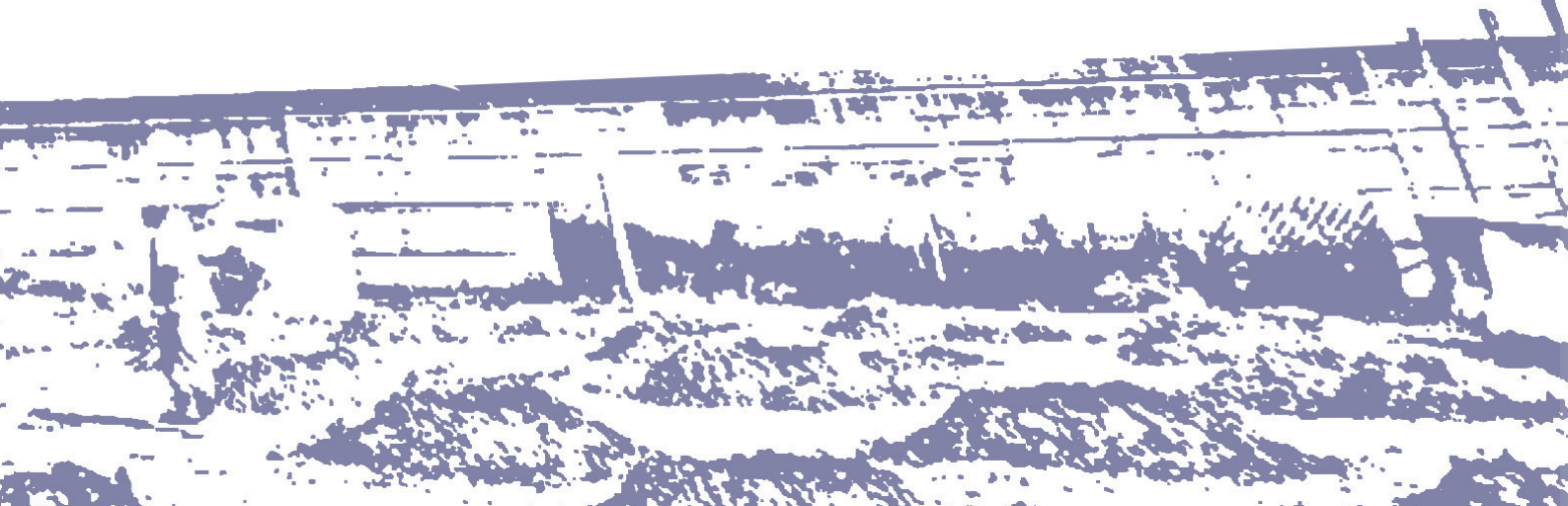
Optimized lines, dedicated distributor on rotary and power control through DMS for torque & speed best compromise to name some of them .

The main winch is provided with a **dedicated control** specially designed for drilling rigs. Thanks to this solution, the system runs at higher pressure with less fluid flowing.

That means a **significant loss reduction, easier and more precise control** especially when drilling deep piles.

**Conversion kits allow to create the Blue Tech Rig perfect for your working needs.**

**Dedicated solutions** improve the productivity and operating flexibility in all piling and soil consolidation techniques.



# Increased production rate

Improved mechanical performance thanks to the reduction of losses



# Less fuel consumption

Saving up to 10,4 l/h *(based on a standard working cycle)\**

*\*The SR-75 Blue Tech fuel saving is 10,4 l/h*



# Healthier and safer working environment

Lower noise and lower CO2 emissions



The Soilmec **new** line

[www.soilmec.it](http://www.soilmec.it)