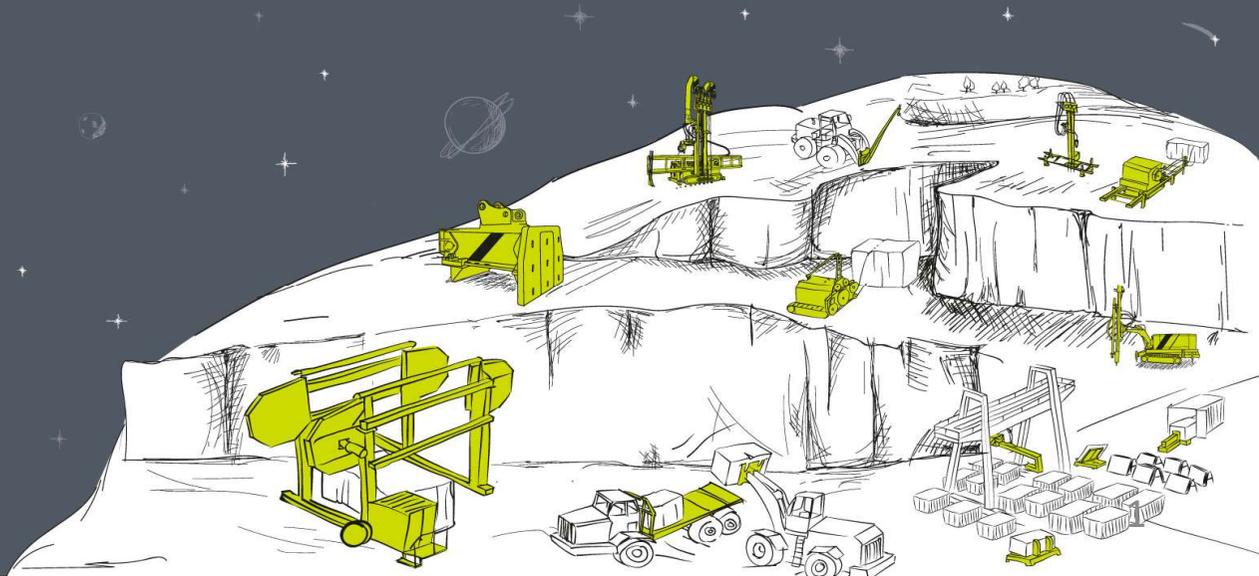


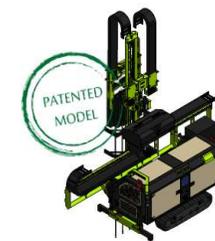
Fravizel

08/01/2021





<https://vimeo.com/476362570/97bd2c47dc>



Quarry

Drilling

Cutting

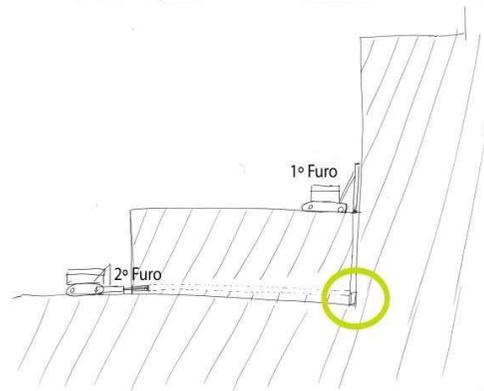
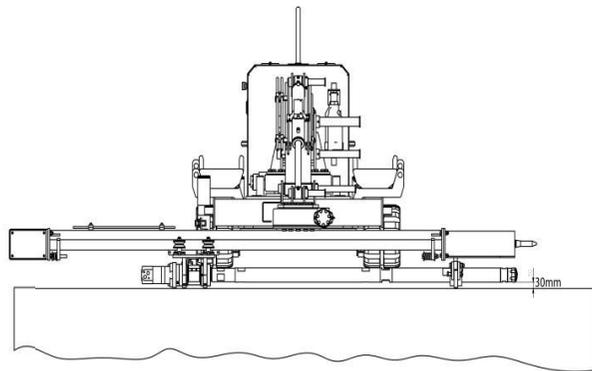
Tilt

Squaring



Drilling Phase

<https://vimeo.com/392669633>





Cutting Phase

<https://vimeo.com/376640336/8ba7863eb3>





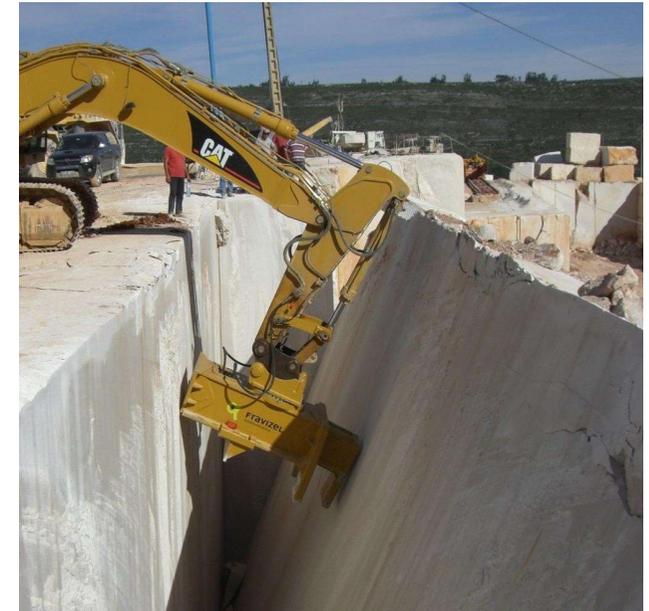
Cutting Phase

<https://vimeo.com/376687059>





Tilting Phase



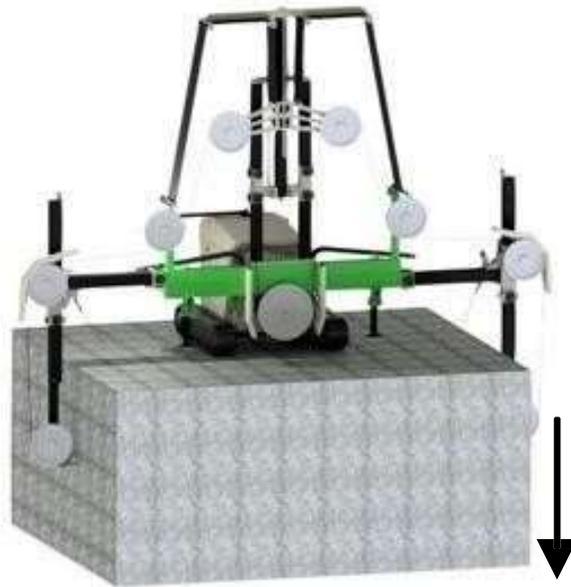
<https://vimeo.com/253397287>



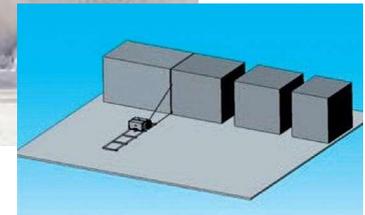
Squaring Phase



PATENTED
MODEL



<https://vimeo.com/234805728>





Squaring Phase





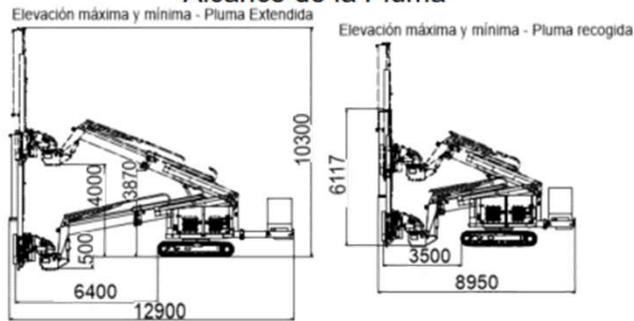
Squaring Phase



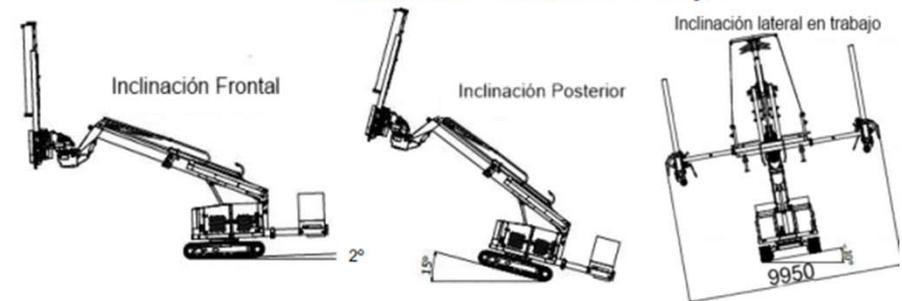
<https://vimeo.com/466251074/025736ccbd>

Squaring Phase

Alcance de la Pluma

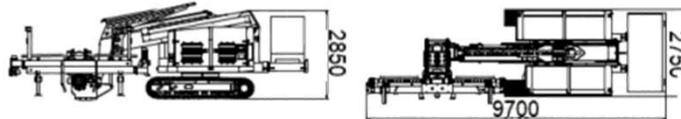


Inclinación máxima en trabajo



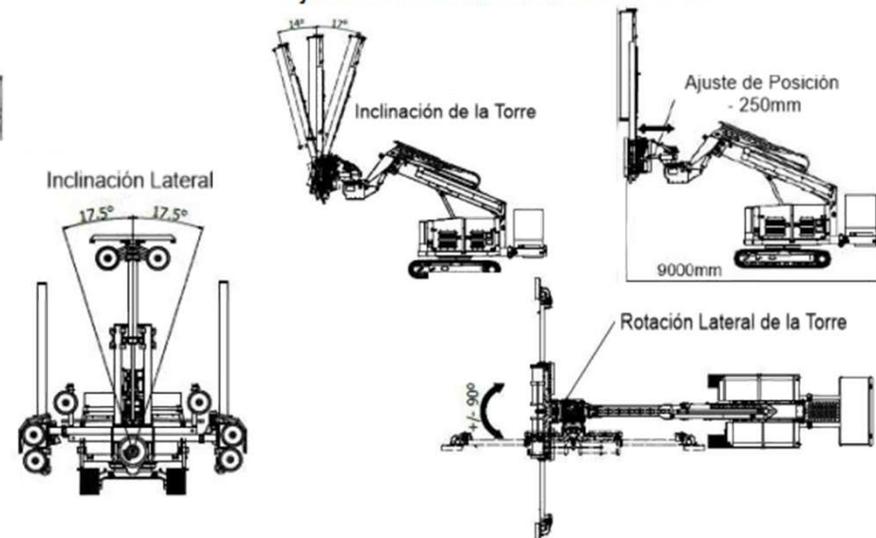
Posición de transporte

Posición de Transporte con Torre y Columnas Desmontadas



Peso estimado: 24000Kg

Ajustes de movimiento de la torre



Inclinación máxima en desplazamiento





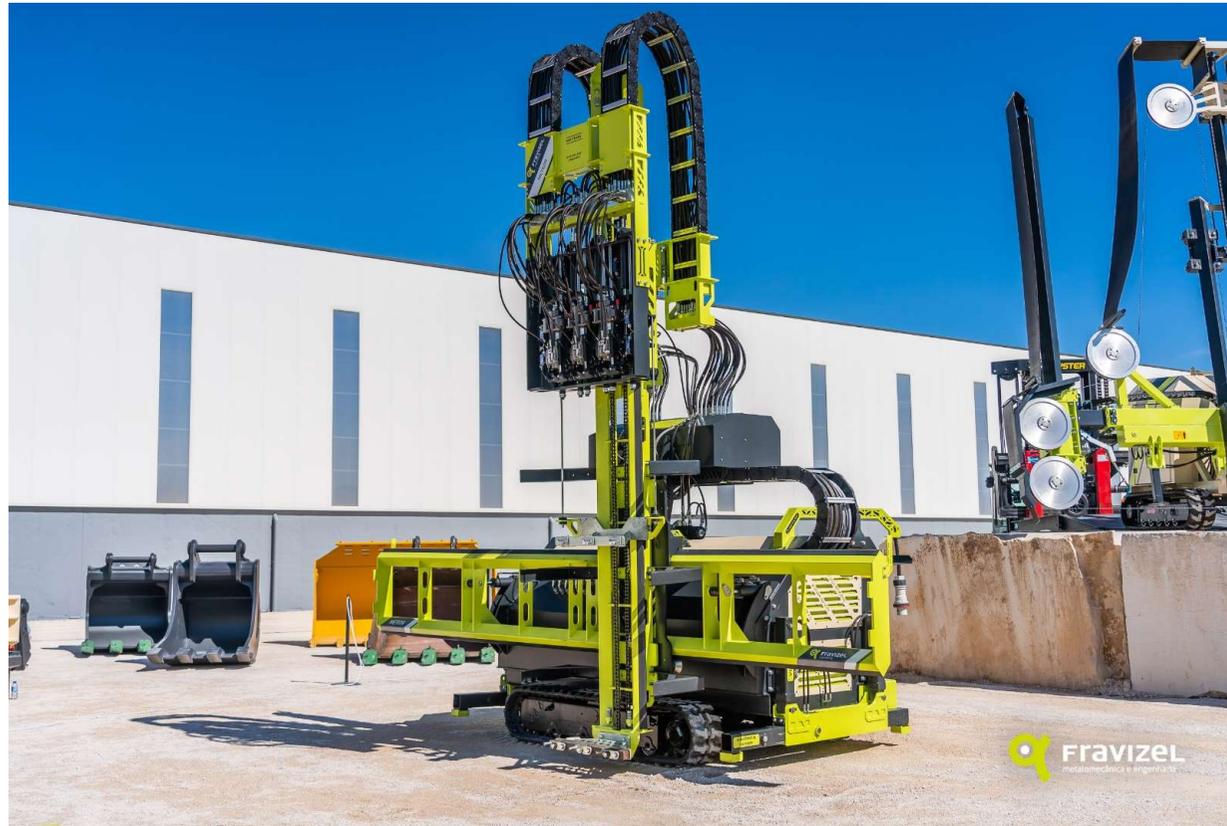
New Concept - HYBRID



USE OF ELECTRICITY OR GENERATOR



Squaring Phase

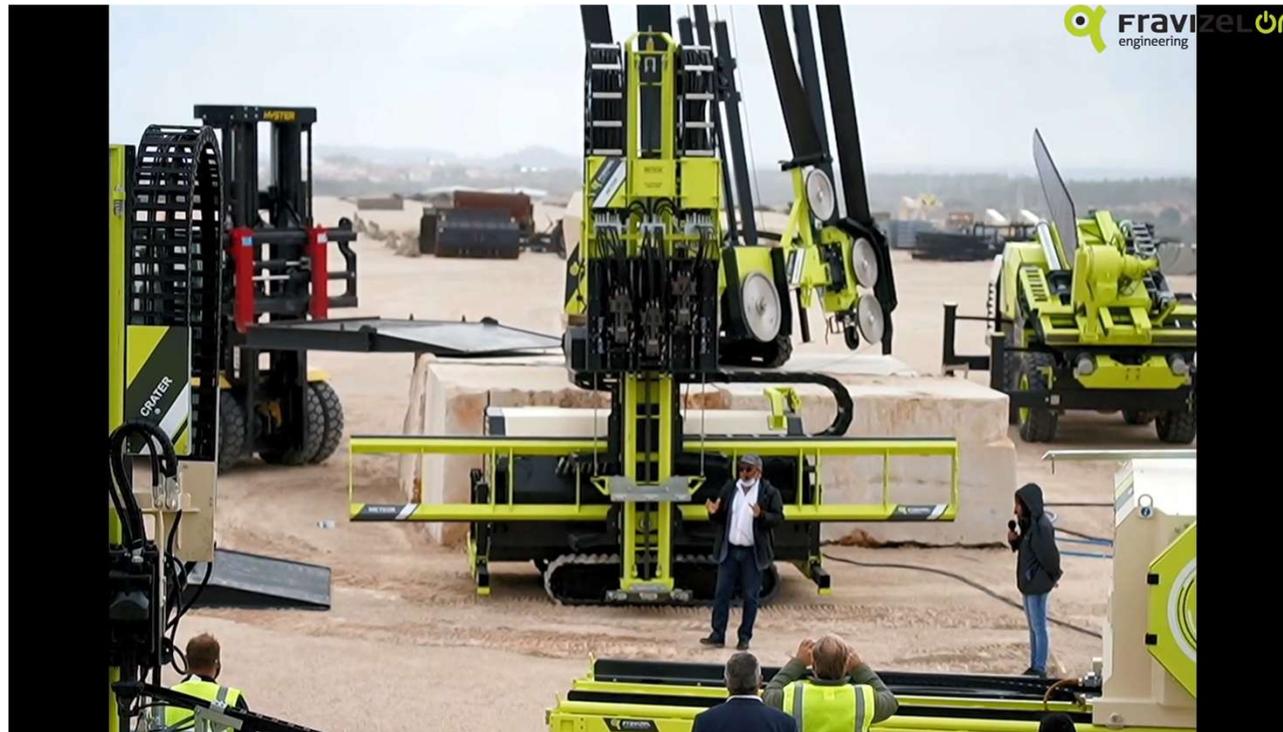




Squaring Phase



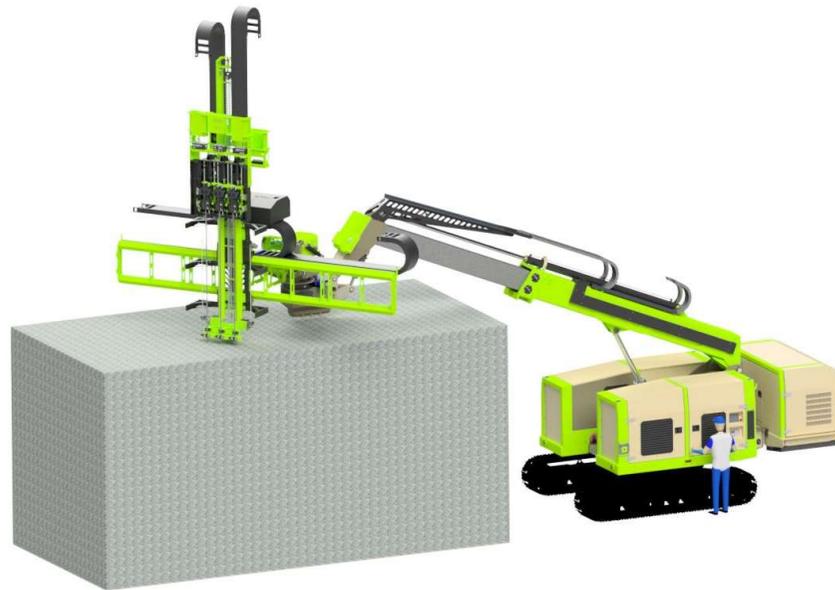
Squaring Phase



<https://vimeo.com/485537077/9b878ca20c>



Squaring Phase



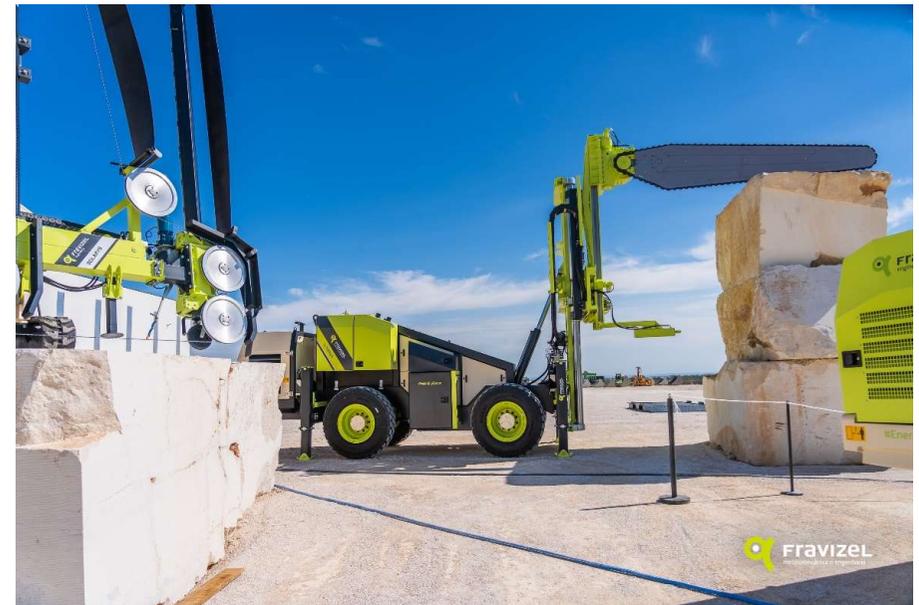


Squaring Phase





Squaring Phase



PATENTED
MODEL

<https://vimeo.com/476359495/ba37e4493d>



Sector Challenges

1. Digitalization
2. Safety and maintainance
3. Data Integration
4. Human Resources



1. Digitalization

Reduce Costs

Fravizel

- Information management of Machine productivity;
- Information management of consumables;
- Increased productivity in all phases of exploration and transformation

INICIO	DADOS DE CORTE	TEMPOS DE CORTE	HORAS DE FIO	CONTA HORAS	ALARMES	ALARMES
COMPRIMENTO DA BANCADA [m]		<input type="text" value="0.0"/>	COMPRIMENTO [m]			
ALTURA DA BANCADA [m]		<input type="text" value="0.0"/>	ALTURA [m]			
AREA TOTAL DE CORTE [m ²]		<input type="text" value="0.0"/>	BANCADA			



1. Digitalization

Faster Delivery

Fravizel

- Reduce time in each operation (make it happen fast).





1. Digitalization

Reduce Emissions

Fravizel

- Increase efficiency of the use of water and energy
- Reduce of resources allocated to each phase;
- Environmental sustainability: Hybrid solutions.



1. Digitalization

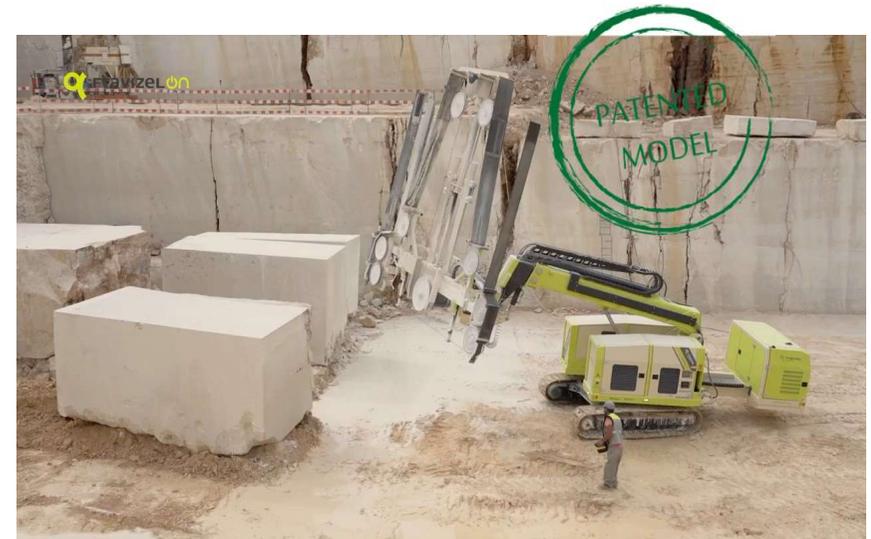
Increase Exports

08/01/2021



Fravizel

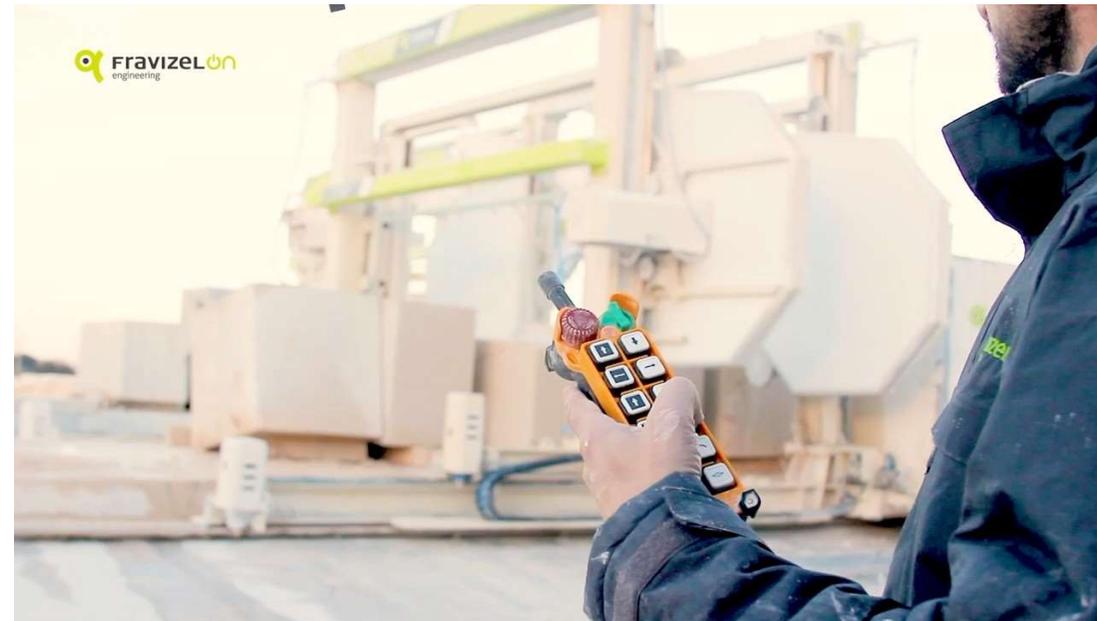
- Better use of resources





2. Safety and Maintainance

- Technology remote control
- Remote assistance



3. Data Integration

In the case of the Natural Stone Sector, in the extraction, there has been an evolution in the area of data integration and management.



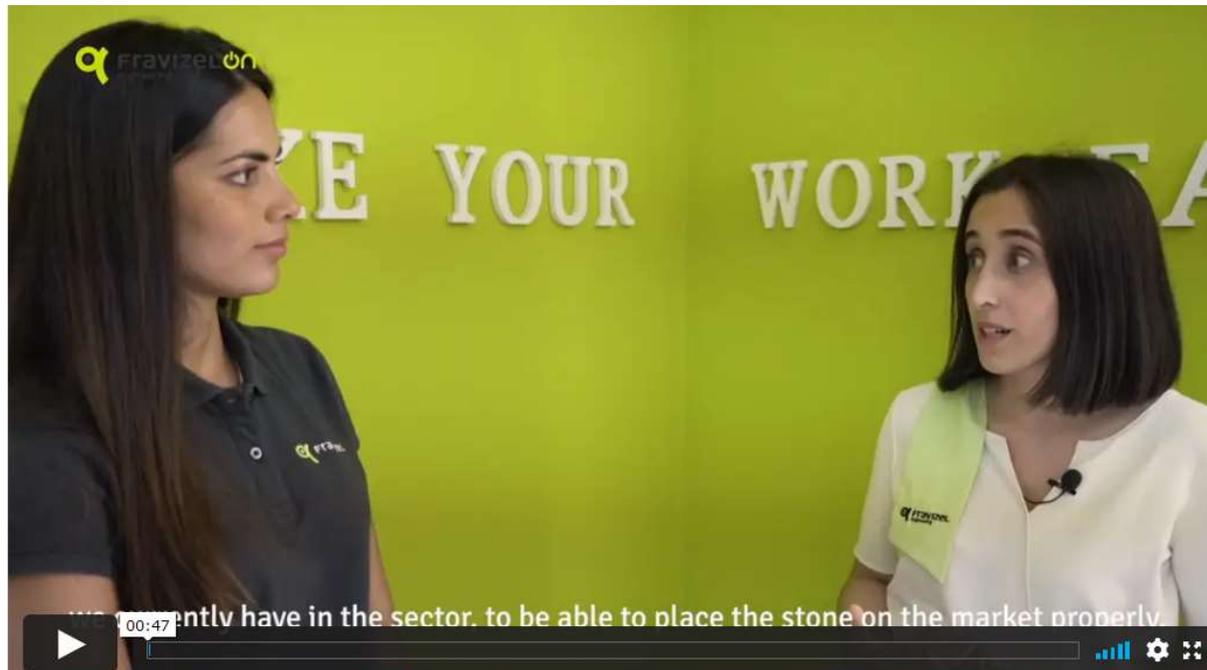


4. Human Resources

- Opportunity to emerge new skills for existing employees and to prepare the next generation as well;
- Opportunity to increase the attractiveness of the sector.



Challenge = new communication languages
+ people with digital skills



<https://vimeo.com/478233248/7167e967e1>



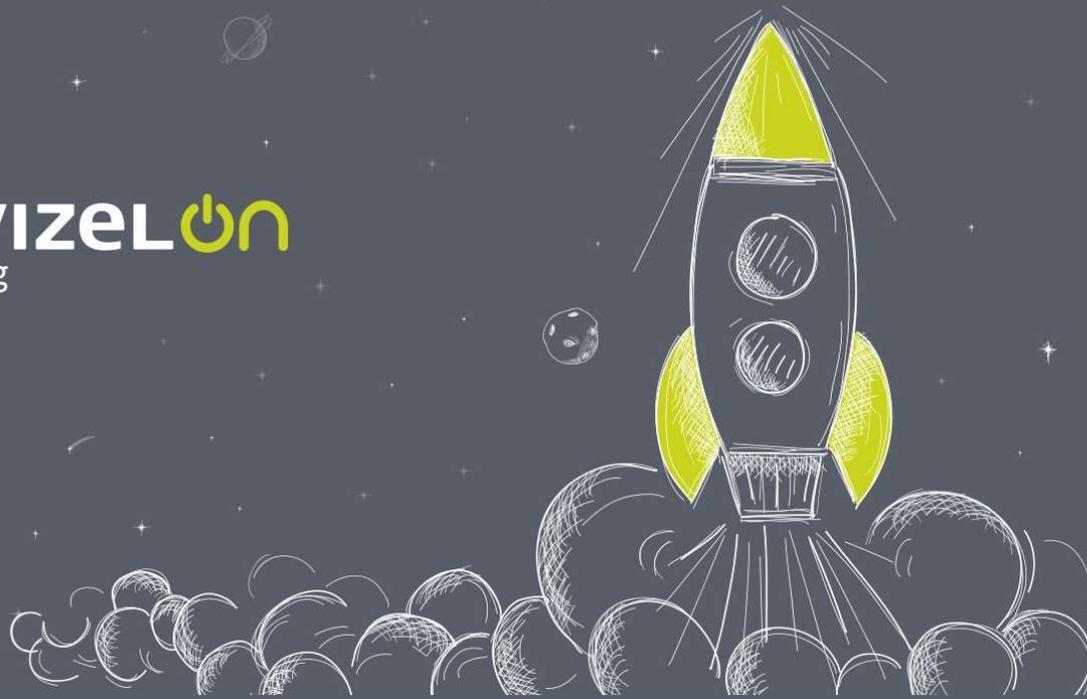
Conclusion, the digitalization allows:

- Lower costs;
- Improve efficiency and productivity;
- Enables sustainability;
- Improve planning;
- Right people doing the right job;
- Save time in time;
- The talent and effort to make this happen will allow a dynamic economy with added value.



More Information

1. Fravizel: <https://vimeo.com/464148676/f374d76cac>
2. Technical Progress: <https://vimeo.com/464152977/6d0bcb0a91>
3. Digitalization: <https://vimeo.com/464126758/0066e5e50b>
4. Circular Economy: <https://vimeo.com/463774876/b0a4b22c52>



www.fravizel.com

COSMOS'

INSPIRED
TECHNOLOGY

