

# CASE STUDY

GRECIAN MAGNESITE S.A.  
GREECE  
MAGNESITE SORTING



**INBTW**<sup>®</sup>

incorporating  
**REDWAVE**  
technology



**MINERAL  
SORTING**

# CASE STUDY

GRECIAN MAGNESITE S.A. – MAGNESITE SORTING

## GRECIAN MAGNESITE

After more than 60 years of successful operation, Grecian Magnesite S.A., the giant specialist in magnesite, was faced with the fact that its sorting machines had reached the end of their useful life. When your equipment has stopped giving its maximum performance you have two options: choose the previous supplier or bet on a new solution?

## MEET THE CLIENT

Grecian Magnesite is the leading specialist magnesite company in Greece. Founded in 1959, it produces magnesia in Greece and Turkey and distributes it in more than 50 countries. Its main deposit is located in the north of Greece.

Experienced, environmentally conscious and in their own words "A powerful and agile, yet friendly company", Grecian Magnesite was looking for a supplier that would match all its requirements and its brand personality.

## WHY REDWAVE?

Grecian Magnesite decided to turn to a new sorting system supplier from among the most effective options on the market; the goal was to find an equipment that would ensure the best quality of the material, eliminating even the smallest impurities in order to obtain the finest white magnesite.

Understandably, Grecian Magnesite is a highly selective customer in terms of its equipment, which makes them the giant magnesite specialist they are today.

REDWAVE offered a solution that met their quality standards, despite being committed to the successful completion of this project it is always challenging and also a pleasure to collaborate with a client like Grecian Magnesite.



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“ All I hear about REDWAVE are positive comments. We would like to convey our sincere gratitude for the overall experience and cooperation.

*Michael Tsoukatos, Purchasing Manager at Grecian Magnesite*

## OUR SOLUTION

Our recommendation was the REDWAVE ROX color sorting machine.

This machinery has several applications: Industrial minerals, base metals, precious metals and stones.

The proven sensor-based technology identifies and sorts different materials according to colour, brightness, transparency and elemental composition. Its high efficiency generates a fast payback period with high recovery rates and availability.



## CONCLUSION

Grecian Magnesite received the first REDWAVE 2000 ROX CC 2-channel for coarse fraction in August 2019, the installation was completed in mid-September of the same year. After confirming that their expectations were satisfactorily met, in February 2020 Grecian Magnesite decided to purchase a second REDWAVE ROX C machine for the fine fractions and successfully performed the acceptance testing in mid-July 2020.

