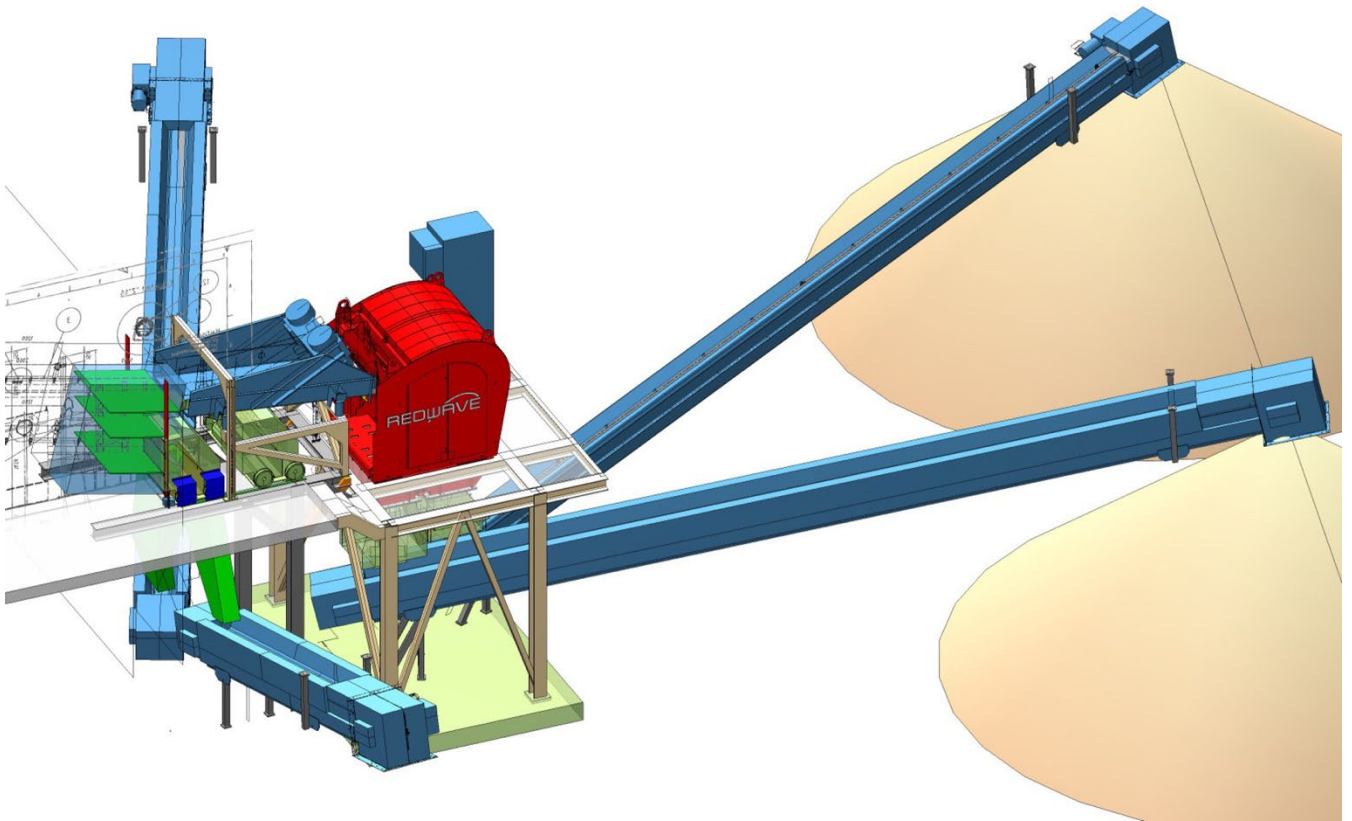


CASE STUDY

FEICHTINGER KG- AUSTRIA
QUARZ-SORTING



INBTW[®]

incorporating
REDWAVE
technology



**MINERAL
SORTING**

CASE STUDY

FEICHTINGER KG – QUARZ SORTING

CUSTOMER

Feichtinger KG is a private company from Esternberg (Upper Austria) and provides approximately 30,000 tonnes of quartz per year to the RW silicium GmbH Company. The company has been active in the mining of quartz since 1972 and currently employs 18 staff. In addition, Feichtinger KG is also involved in riding arena construction (www.reitplatzbau.at).



SITUATION

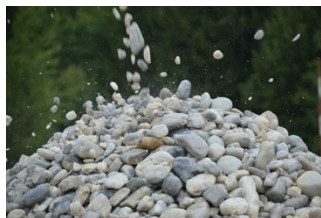
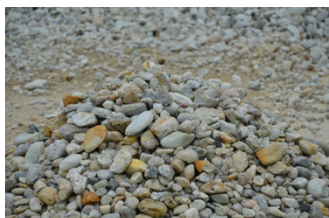
Due to increasing customer demands it became necessary to sort out impurities (the green and red stones) in high quality quartz. Consequently, Feichtinger KG issued a tender request in 2012 for elimination of these contaminants through a sensor-based sorting machine. It was also necessary to implement the sorting machine directly onto the existing screening machine and thus have minimal influence on the operation.

SOLUTION

Several successful sorting trials being conducted by BT-Wolfgang Binder in collaboration with the customer. The sorting machine was installed directly onto the existing screening machine and thus have minimal influence on the operation. This facilitated the minimization of additional costs as well as savings in space. The mineral sorting machine has been in successful operation separating impurities from quartz since June 2013. These contaminants can be readily identified and sorted with the REDWAVE 1300 S (mineral sorting machine). The installation of the machine and the adaptation of the existing plant were carried out by the client.

CASE STUDY

FEICHTINGER KG – QUARZ SORTING



TECHNICAL DATA

TYPE OF MACHINE	REDWAVE 1300 S 1CA
INPUT MATERIAL	Quartz
CAPACITY	60 to/hr
MATERIAL SIZE	20-80 mm
WORKING WIDTH	1300 mm
SORTING SYSTEM	Line scan camera



We have been very impressed with the REDWAVE technology and the existing established system at Leube, and we are very pleased with the sorting equipment.

Joachim and Fritz Feichtinger, owners of Feichtinger KG

