

# BTW PLANT SOLUTIONS

## Order intake of around € 8 million

achieved in the last four months.

**B**TW Plant Solutions recorded a successful year end to 2016 and a good start to the new year. A number of contracts were landed in the last few months, worth a total of around € 8 million. The orders originate variously from North-East Africa and Europe as well as the local district, where a new silo and conveyor system is being erected just 20 km from the headquarters.

### Only 15 minutes away!

ISOBASALT GmbH, in Großwilfersdorf (near Ilz, Austria), is installing a plant for the manufacture of mineral wool (rock wool) insulation materials. Material for this plant is fed by a silo and conveyor system from BTW Plant Solutions. The plant will be put into operation early this summer. This location was selected specifically, as the volcanic basalt rock, required for the production of the mineral, is mined in the local Vulkanland region.

The basalt rock will be delivered by truck. The rock is subsequently transported to a silo plant via a bulk tipping bin and conveyor units. The material is then fed via weigh feeders, in the desired mixture, into the smelting furnace of the mineral wool plant.

The liquefied rock is subsequently spun into fibres, from which insulation panels and bats can be produced.



Insulation boards

Silo and conveyor system for dolomite and basalt

### Further expanded after 13 years!

Back in 2004, BT-Wolfgang Binder built one of the largest screening and crushing plants for hard rock for Hollitzer Baustoffe GmbH in Bad Deutsch-Altenburg, Austria.

At the beginning of December 2016, BTW Plant Solutions was awarded the contract to expand the existing plant. In this exten-

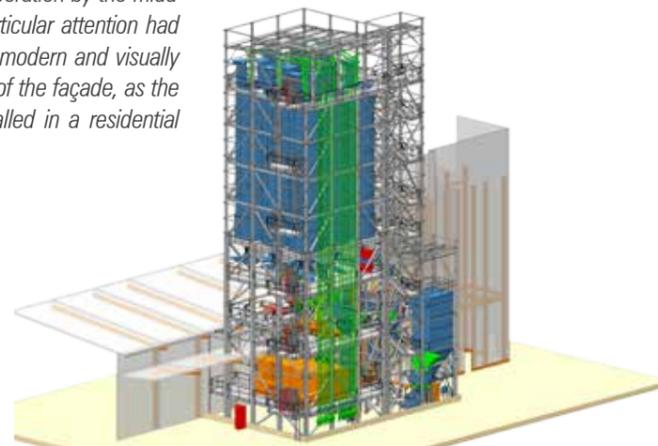


Preparation of rock

ded plant, the proportion of fillers in the limestone with a grain size of 0-2 mm is reduced by means of screening machines and conveyor systems. As a result, a new, high-quality product has been created for the customer.

### Europe follows after South-East Asia and Australia!

Mapei UK - Following on from plants in Malaysia and Australia at the end of last year, the Milan based Mapei Group has now awarded the contract for a third plant to BTW Plant Solutions. This repeat contract, which includes delivery of a new mixing plant, is particularly gratifying and confirms the long-term satisfaction of the customer in the quality of our products, as well as our ongoing support. The mixing plant for the production of special building products such as, tile adhesive, will be executed in accordance with local English planning regulations as well as national health and safety guidelines, which is a particular challenge for our project management and installation team. The plant will be delivered as a turnkey system and will go into operation by the middle of the year. Particular attention had to be paid to the modern and visually appealing design of the façade, as the plant will be installed in a residential area.



### Egypt ... between Cairo and Alexandria

After a proposal and project planning phase lasting almost two years, the BTW Plant Solutions department was commissioned in December 2016 by a large, international building products group to supply a modular mixing plant for gypsum products (filling compounds, gypsum, etc.) for installation at a site in Egypt. A key reason for placing the contract with BTW Plant Solutions was the proposed solution based on modular units pre-fabricated at BT-Wolfgang Binder, which guarantees a very short assembly and erection time. Due to the spatial conditions, the on-site plant requirements demand a flexible modular design. Another key reason is down to the fact that the modular design will allow the plant to be transferred to another produc-

tion facility in a few years time. Pre-assembly of the plant will be completed by the end of May, which will then be followed by sea transfer to Egypt, where the first production will take place in August 2017 after a 4 week installation period.



### Finland ... The highest grade of lime sorting

Nordkalk is the leading producer of lime products in Northern Europe and has over 30 locations in eight countries. In order to optically sort the limestone for high grade processing, Nordkalk selected the REDWAVE ROX sorting machine and in the future will be putting it into operation at its Lappeenranta plant. White limestone is extracted by this sorting process with dark contaminants being separated out.

The sorting machine will be delivered at the beginning of July, this year, and has been designed as a state-of-art double camera system for colour sorting.

The high grade products, based on limestone, are mainly used in the paper, steel and building materials industries as well as for environmental protection in agriculture.

### Croatia ... sand treatment and mixing plant

Not far away from the beautiful Adriatic Sea, a small sand treatment and mixing plant is being built in stages for a European customer that is new to our company. The location of this new treatment plant is in the Dalmatia region of Croatia.

Croatia is becoming an increasingly popular holiday destination, and with the growing number of tourists there is a corresponding increase in the construction of new hotels, houses and apartments, and the renovation of existing buildings in the coastal regions of Croatia. Our customer decided to make this investment close to the various construction locations, in order to minimise the transport costs for the different types of mortar products. The plant is being erected directly in a stone quarry. The limestone is accordingly dried, broken and screened in order to meet the quality requirements for mortar production. Binders such as cement, gypsum, and hydrated lime etc. are supplied by silo trucks from surrounding production plants and blown into the raw material silos of the new plant. Special admixtures and additives are then delivered in Big Bags or sacks and incorpora-



REDWAVE ROX - Mineral Sorting



Limestone