

Use of Binder+Co technology in the Sochi conurbation, Russia



Combination of screening machines and wet processing machines (log washer, sand trap) for cost efficient production of high-grade aggregates

Year of construction: 2008
Country: Russia
Feed material: Gravel
Feed rate: 300 t/h
Ref. Number: 28530

Starting situation

It is necessary to buy in inferior quality aggregates at an existing concrete block and mixing plant. The plan is for a new screening and washing plant to ensure higher product quality, eliminate dependence on price fluctuations and increase the availability of the aggregates required.

Solution by Binder+Co

In addition to the classic circular vibratory screening machines, the plant design also incorporates two double-deck special screening machines with BIVITEC system in the lower deck. A double-shaft log washer with an 8 m tub length is used to clean an intermediate product. The sand product is dewatered using 2 large sand traps. All the key components were manufactured in Gleisdorf and integrated with the crushers already provided by the customer. The overall plant with a production capacity of approx. 1,000,000 tons per year was constructed in an assembly time of only 3 months.

Benefit for the customer

- The customized, rugged machine technology will ensure high plant availability and product quality.
- The operating costs will remain low due to the special BIVITEC machine in addition to dewatering with sand traps.
- The plant is very maintenance-friendly.