Sandvik Mining Turkey - Evaluation of 2012 and Expectations from 2013

EVALUATION OF 2012
Sandvik is a global industrial group with advanced products and world-leading positions in selected areas - tools for metal cutting, equipment and tools for the mining and construction industries, stainless materials, special alloys, metallic and ceramic resistance materials as well as process systems. Sandvik Mining and Construction was one of Business Areas within Sandvik Group providing solutions especially to underground and surface mining and construction (quarrying, projects and recycling) customers. Sandvik Mining and Construction was restructured in 2011. The two business areas have been working separately since 1st of January 2012, as Sandvik Mining and Sandvik Construction. In line with this global strategy, Sandvik Mining and Construction in Turkey also restructured. Sandvik Mining Turkey moved to their new office and has been operating as a separate Business Area.

Here are the outstanding activities of Sandvik Mining Turkey in 2012.

TÜPRAG METAL MINING (ELDORADO GOLD) CG850 - GYRATORY CRUSHER ORDER
CG850 Gyratory Crusher order - given by Tüprag Metal Madencilik AŞ, an affiliation of Eldorado Gold Co. operating in Kışladağ, Uşak - is the fourth order for Sandvik worldwide and the first one in Turkey. The crusher will be delivered to the mine site in Q2, 2013.

Design features include the spider bearing, hydraulic adjustment, secured concave liners, hydraulic tank instrumentation system and the unique Automatic Setting Regulation System. Sandvik’s CG series of primary gyratory crushers complements its well established cone crushers for secondary and tertiary crushing.

KOZA GOLD - HİMETDEDE HEAP LEACH CRUSHING AND SCREENING PLANT
Koza Gold, one of the key gold producers of Turkey, purchased a crushing and screening plant, including 1 unit of CJ815 jaw crusher and 3 units of CH870 cone crushers for their mine site in Himmetdede, Kayseri.

CJ815 is in operation for heavy duty applications with its strong structure and unique design, easy repair and maintenance and installation features. CJ815 is the biggest jaw crusher within Sandvik product range and this will be the first application in Turkey for this model.

The CH series are unique with their ASRi and special designs, which enables the machine to protect itself against the un-crushable tramp materials. Sandvik cone...
crushers are competitive with their compact design, free of any hydraulic and mechanical units on the outer body of the crusher.

The CH870 cone crusher order given by Koza Gold will be the first application for this model in Turkey.

In addition to CJ815 and CH870, Himmetdede Project includes also one unit of CJ411, two units of CH660 and required screens and feeders to prepare leach pad liner material.

İSDEMİR - AUBEMA HAMMER MILL REBUILD
The biggest hammer mill supplied by Sandvik is in operation in İsdemir AŞ since 2006. The rebuild work for the rotor (11 tons) and discs include the replacement of the main shaft. The main shaft will be manufactured in Sandvik Aubema factory in Germany and will be delivered in Q1, 2013.

SARGIN AŞ - RAISEBORING MACHINE
Sandvik Rhino 1088DC Raiseboring machine was purchased by Sargin AŞ in 2012, which is the first sale of this machine in Turkey.

The machine is operating at Balya, lead-zinc mine owned by Esan - Eczacibaşı.

The machine is capable of drilling a hole of 2.5m diameter and a depth of 250m.

VIBROcone - A CRUSHER WITH GRINDING PERFORMANCE
The Vibrocone crusher is the next generation of crushing technology, combining the best of conventional crushing and grinding principals. Thanks to its unique design, which enables to crush down to 7 mm with a product size distribution of P50 = 3mm. That results in saving upto 30% energy in the downstream of the milling process.

The Vibrocone crusher is in operation at copper, gold and iron ore mine sites and provides highly increased efficiency in the comminution process.

SANDVIK STANDARD PLANTS (MODULAR)
Sandvik Mining offers standard plants for green-field projects. The flexible, well optimized and versatile design of Sandvik standard plants shortens the erection and commissioning time which

EXPECTATIONS FROM 2013
Sandvik Mining Turkey will be supporting the mining industry by focusing on the following outstanding products in 2013.

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SANDVIK STANDARD PLANTS (MODULAR)
Sandvik Mining offers standard plants for green-field projects. The flexible, well optimized and versatile design of Sandvik standard plants shortens the erection and commissioning time which
results in quicker return of investment even up to 5 months!

The idea behind the Sandvik standard plants is enjoying the advantage of perfectly pre-designed modules with Sandvik engineering quality. Primary jaw crushers, secondary and tertiary cone crushers and several feeders and screens in different capacities, within the Sandvik product range are applicable for this approach.

Sandvik Mining will be your first choice with standard plants when you count on your time!

**HYBRID CRUSHERS**

Sandvik Hybrids are perfectly designed for primary and secondary crushing of soft and medium-hard materials that also have the tendency to be wet and sticky.

The feed material will be crushed between the counter-rotating rolls using the principal of compression. The crushing rolls are driven individually by electric motors with couplings and gears. The hybrids are equipped with an advanced hydraulic gap adjustment system with integrated overload protection to realize different product sizes. Having one of the rolls as moveable also protects the machine against tramp materials together with the smart automation system. ●

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