

Baosteel to co-operate in Iranian steel sector - IMIDRO



Baosteel, the world's fifth largest steel-maker, is prepared to co-operate with Iran in the steel industry and exploration sector. A report by Iranian

Mines and Mining Industries Development and Renovation Organization said that, Baosteel's Deputy CEO, Chen Zaigen and some of the company's top managers discussed the issue in a meeting with Chairman of IMIDRO, Board of Directors Mahdi Karbasian, imidro.gov.ir reported.

In the meeting, Zaigen underlined that extensive co-operation can be established with Iran in view of Baosteel's capacities in the steel, mine, jetty, finance and IT sectors.

He pointed to the decision by Iranian and

Chinese officials to expand economic co-operation and said, "Our plants in China conform to high environmental standards which are even more advanced than those of some European and American companies."

Zaigen noted that co-operation with Iran is on the agenda of Chinese companies based on the government's program. Karbasian said, "We plan to produce 55 million tons steel by 2025 and extensive projects were initiated in the exploration sector to meet the demand for raw materials. "We plan to continue activities in Iran's iron ore reserves to increase production by 30 to 50 percent by next year."

In addition to mineral deposits, gas reserves and access to free waters and skilled manpower provide appropriate conditions for co-operation with foreign companies to expand mine and mining industry co-operation, particularly in the steel sector, Karbasian concluded.

Turkey imposes anti-dumping duty on Chinese steel pipe

Turkey has imposed an anti-dumping duty on imports of seamless drawn steel pipe from China, according to an announcement published in the Official Gazette. The decision taken by the Ministry of Economy aims to protect Turkey's domestic iron and steel industry against cheap Chinese imports, the announcement said.

Turkey will hike up duty on Chinese seamless drawn steel pipe imports between \$100 and \$120 per ton, depending on the producer. The decision, which will remain in effect for six months, follows an anti-dumping investigation, which started May 2015 on the said imports. Anti-dumping duty aims to prohibit unfair trade practices such as dumping to re-establish an open and fair competition in the market.

SMS Group delivers fully Automated Closed-die Forging Press in Turkey

Turkish manufacturer of high-quality forged products, PARSAN Makina Parçaları Sanayii A.Ş. in Pendik-Istanbul, Turkey, has commissioned SMS group to supply a fully automated closed-die forging press. The new press of the type AMP 2500 will feature a pressing force of 25 MN and be capable of forging up to five million parts per year.

Among other things the closed-die forging plant will be used to produce pistons and flanged hubs weighing up to four kilograms in up to five forming operations.

PARSAN opted for SMS group as system supplier due to its established reputation and experience as a supplier of fully automated manufacturing lines from a single source. Key factors for awarding the contract to SMS group were the technical advice provided throughout of the project, the fact that SMS group manufactures the equipment in-house and the ability to provide the entire process technology.

The new closed-die forging press of the type AMP 2500 will be equipped with an automatic electrically driven walking beam, mechanically coupled and retractable die spraying system, pro-grammable ejectors as well as die holder with quick die-change system. One special feature is the automatic



electric walking beam type EHA of SMS group comprising four individual housings with the drive fastened to the outside of the press frame, thus ensuring that contamination from scale and dirt is prevented. The automatic system guarantees a finely balanced and smooth motion. To achieve this, EHA features a separate drive consisting of servo motors with dedicated gearing for each axis. The three axes of motion of the

automatic electric walking beam are transport step, lifting/lowering and opening/closing. Travel, speed, acceleration and deceleration of the individual servo axes are automatically synchronized. The EHA walking beam system provides a very short cycle time whilst mini-mizing any shock loads on the mechanical elements by the application of optimized acceleration and deceleration curves during each movement. Simultaneously, the transfer sequence of the EHA is maximized for efficiency by constant monitoring of the position of the press ram. The press stroke is triggered by the automatic walking beam.

Another special feature of the press is the pivotable spray manipulator type SE located on the back of the press. This arrangement means the die holder with dies is freely accessible from the front. The spray manipulator SE is controlled in accordance with the ram movements by mechanical coupling thus ensuring the position of the system corresponds precisely at all times to the position of the ram and walking beam. The spraying times for individual processes are individually programmable. For retrofitting measures and maintenance work the manipulator can also be swiveled out of the press area.