



Headlines

[North America](#)
[World](#)

Technology

[Process](#)
[Safety](#)
[Environment](#)

Companies

[Steel Producers](#)
[Service Centers](#)
[Industry Suppliers](#)

Industry

[Trade Cases](#)
[Steel Imports](#)
[World Production](#)

AIST Resources

[Employment](#)
[Magazine](#)
[Steel Calendar](#)
[Steel Library](#)
[Steel Links](#)

Home

[Search](#)
[Submit News](#)
[Edit Profile](#)

SteelNews.com Article

Broner to Streamline Serov Production Processes

Dec. 5, 2008

Broner Metals Solutions has been awarded a contract to supply an advanced production management and optimization solution to A.K. Serov in Russia.

Serov's complex production processes require a specialized solution with extensive functionality and the flexibility to meet demanding production requirements. Broner's solution will be designed to provide the facility with better response to market demands, 'right-on-time' product delivery, production process optimization, stock reduction and increase of stock turns, and reduction of plant management costs.

Broner will implement its solution using a range of standard modules designed for the metals industry, including functionality for MES & production scheduling. Broner's Production Management, Quality Management, Equipment Management and Inventory Management modules will provide production tracking down to the individual unit, as well as material identification and traceability during process stages, metal balance calculation. The systems will also provide storage and analysis of quality control and production data, as well as extensive reporting capabilities.

Production orders scheduling of will be provided by Broner's Production Planner, Material Planner, Production Scheduler and Schedule Editor modules, which ensure planning and scheduling optimization on the basis of defined constraints. The modules will also perform rapid production planning and scheduling as well as re-planning and re-scheduling.

Broner will implement the overall solution across five shops of Serov plant comprising the casting shop, arc furnace shop, heavy mill shop, section mill shop and calibration shop.

"Metallurgical plant n/a A.K. Serov" is an integrated iron-and-steel works which has its own raw material base. The company manufactures more than 200 grades of high-quality steel and other products, including hot-rolled products of square, round and hexagonal profile; calibrated rolled metal; round rolled products with special surface finish; round billets; hollow drill steel; high precision hollow rolled bars of high-resistance steel; steel hot-rolled equal-square angles; square hot-rolled blooms; conversion pig iron; granulated blast-furnace slag; and commercial ferric sulphate.

"Metallurgical plant n/a A.K. Serov" is a part of **UMMC** (United Mining & Metallurgical Co.), which is the second largest non-ferrous metallurgical company in Russia and CIS. UMMC mines and processes 40% of Russian copper, zinc and lead, and produces 25% of all Russian domestic market of base metals flat products.

Broner Metals Solutions provides supply chain planning, scheduling and manufacturing execution systems and consultancy products that have been developed specifically for the metals industry. The Broner Metals Solutions team has 30 years experience in improving the performance of metals supply chains worldwide. The company is a global corporate standard supplier of production

