Intelligent Software for Dimensioning Production

Production Execution Management for Metals
Ensuring Production Quality
Production Management from Melt Shop to Market

The production process in metals is driven by a cumulative complexity. Therefore real time tracking with integrated operational quality processes becomes substantial for metal producers.

The main task of PSImetals Production software is to adhere to process specifications in conjunction with additional set points and requirements related to the different process stages and production units. PSImetals Production supports process management for coke making, blast furnaces, steel-making plants (liquid phase), for smelter, refinery and caster in aluminum and copper plants as well as for production of final intermediate products with batch.

Material tracking for single pieces or lots is also provided. Other main features are up-to-date quality management and feedback processing from production.

The use of PSImetals Production software means significantly improved process efficiency, higher yield and cost savings thanks to:

- Standardization and automation of production processes
- Integrated planning and execution processes
- Increase of process efficiency yield by vertical integration of business processes as well as horizontal integration of production processes
- Ongoing documentation of gained know-how

What are your benefits?

+ Seamless integration from process control to ERP
+ Support of fast close by perpetual inventory
+ Intelligent decision support and automated user guidance for shopfloor
+ Configurability of line specifics based on a common PDA template
+ Adaption of business processes to customer needs by graphical workflow configurator

Why PSImetals Production?

- Transparency across the whole process chain
- Standardized and robust integration of the process control level
- Predefined templates for the specific lines in metals
- Single-source-of-truth: consistent process status and history information
- Easy and fast adaption of business processes by graphical edition of workflows
- Reduced operating costs

Selected reference customers:
Material & Stock Management

+ Administration of all material types
+ Goods receipt, movement tracking and goods issue on material and batch level
+ Management of scrap yards, bunkers, small part areas, semi-finished products and equipment

Schedule Execution

+ Fast reaction to production issues by modifying released line schedules
+ Management of line schedule states

Production Tracking

+ Tracking of material flow
+ Registration of all production data in the different facilities
+ Basis for reporting and quality control

Production Order Lifecycle

+ Managing production orders during their lifetime
+ Status management
PSI Metals GmbH

Headquarters:
Heinrichstraße 83-85
40239 Düsseldorf
Germany
Phone: +49 211 60219-0
Fax: +49 211 60219-240
info@psimetals.com
www.psimetals.com

Further offices:
Aachen, Berlin (Germany)
Beijing, Shanghai (China)
Brussels (Belgium)
Ekaterinburg (Russia)
Kolkata (India)
Graz, Leonding (Austria)
Pittsburgh (USA)
Rio de Janeiro (Brazil)
Watford (United Kingdom)