

SIEMAG Metals Logistic Systems

Developing joint solutions for the future

Logistic systems for the
metal and rolling-mill industry



SIEMAG

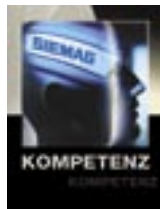
SIEMAG stands for perfect engineering

Customer satisfaction is combining important details!

“SIEMAG specialises in customer-specific logistic systems for the metallurgical and rolling industries. Whether in transport, storage, packaging technology or grinding machinery, we supply individual solutions and systems aimed at making your production more economical, improving

material flow and assuring the quality of your products. Our most important principle is contact with the customer, fulfilling his wishes and requirements – that is what SIEMAG is about!”

Bernd Klein, Executive Vice President



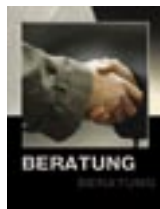
Experts help

The brand label “Expertise” refers to SIEMAG’s fund of experience and emphasizes the technical skill collected by the SIEMAG team in the many projects carried out over the years.



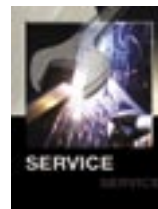
Shaping the future

The label “Innovation” reflects the inventiveness of SIEMAG’s engineers. Since all our solutions are customer-specific, each project represents a new challenge and therefore innovation.



Joint development

For SIEMAG “Consultation” means working together in a partnership from the planning and layout of your machinery down to its completion. We accompany the customer from the first idea to the commissioning of the new plant.



Flexible response

By “Service” we mean continuing our support for the customer after completion of the order, ensuring the long-term operation of the machinery by supplying spare parts, carrying out inspection, modernisation and maintenance.



System solutions

The term “Performance” emphasizes SIEMAG’s role as a solver of problems in the technical field. As the only provider of complete logistic solutions from one source, we can make use of synergetic effects from the most varied product areas, for the benefit of our customers.



Worldwide at your call

SIEMAG machinery and technology are in use every day in every part of the world and ensure that our customers can manufacture their products with a maximum of economy and quality.

Transport and handling systems

Flexibly and carefully from A to B

SIEMAG develops systems which set standards of care and efficiency in the transport of material thanks to our special experience in designing rolling mills. Regardless of what you have to transport or where to, our systems guarantee maximum economy in every direction.

By linking the most varied transport technologies, we create intricate logistic concepts, from planning and design down to implementation including the full automation technology.

The list of our references is long. To date, SIEMAG has designed and executed over 130 systems for transporting coils, sheet-packets and slabs in every part of the world.

Our transport solutions at a glance:

Walking-beam and chain conveyors

- Cycle times under 60 sec.
- Material weights up to 50 t.

Roller-table for pallet circulation systems

- Highly flexible transport system
- Material weights up to 50 t.

Coil transportation system, rail-borne

- Travel speeds up to 5 metres per sec.
- Material weights up to 40 t

Coil transportation systems, free-navigating

- A.C.T.@ - Automatic Coil Transporter
- Travel speeds up to 1 metre per sec.
- Coil weights up to 40 t



Storage systems

Efficiency in time and space

In the heavy-duty sector, SIEMAG is a proven expert in storage systems. Whether you need a fully automatic flat store or high-bay store, stores-administration system as stand-alone installation or integrated in your logistics concept, SIEMAG will provide the perfect solution for your requirements. 36 references from all over the world, testify to our expertise in storing coils, sheet packages, slabs and long products.

Our special know-how in stores technology: In addition to the store itself, we also supply the necessary transport and control systems, which combine to provide a maximum of economy and efficiency.

As a complete package, SIEMAG's store systems guarantee optimum dwell and throughput times, an even more efficient utilisation of space, protection from material damage, lower administration and processing costs and simple handling and operation. We also provide cooling strategies for material which is hot or warm when put into store.



Our range of services at a glance:

Flat store

- Automatic loading and unloading
- Automatic coil identification
- Improved storage strategy for multi-layer storage

High-bay store

- Storage capacity up to 4.000 coils
- Max. store height, 50 m
- Max. coil weight, 40 t

Store administration

- SIEMAG warehouse-management system WMS
- SIEMAG material-tracking system MTS
- Integrated diagnostic systems
- High-availability concepts
- Linking to crane systems through remote data transmission

Packaging systems

Careful handling of valuable products

SIEMAG and SIEMAG-PKM are among the market leaders for packaging lines for rolled products. 140 satisfied customers worldwide rely on our innovative technologies.

From the manual unbinding unit to the fully automatic packaging of coils or sheet packages, SIEMAG and SIEMAG-PKM offer you packaging equipment in various grades of automation for the most varied applications. We combine our know-how in the packaging sector with tried and tested conveying and transport machinery.

Packaging lines from SIEMAG and SIEMAG-PKM mean active conservation of the value of your products – whether for coils, sheet packs, slit-coils, steel or non-ferrous products. We will find a solution to meet your requirements. This is guaranteed by our experience from over 30 years of market presence providing a wide range of different services.

Our offer to you:

Coil-Packaging Systems

- Paper and hard-fibre packaging
- Stretch-foil packaging
- Packaging capacity, up to 30 coils per hour
- Coil weights up to 40 t.

Slit-Coil Packaging Systems

- Single coils: width 5-600 mm, max. weight 9.000 kg
- Plant capacity, up to 100 coils per hour
- Strapping of outer and inner diameters
- Oiling devices, coiling and stretching machines

Sheet-Packaging Systems

- Package sizes, 300 x 300 x 20 mm to 2.000 x 16.000 x 750 mm
- Max. machine capacity 30 packages per hour
- Length and crosswise strapping, stretch machines
- Edge protection, lengthwise and crosswise wood guides



Grinding machines

For surfaces in perfect quality

Based on decades of market experience, SIEMAG sets new standards in quality with modern high-pressure grinding machines in the metallurgical and rolling industries. 175 references from every part of the world testify to our know-how.

Through the high degree of automation, high grinding capacity and the optimum ratio between material removed and grinding-wheel consumption, customers achieve a maximum of quality and profitability with our machines.

SIEMAG supplies special machines for grinding billets, blocks and slabs with square or rectangular as well as round or polygonal cross sections, which are always tailored perfectly to the needs of our customers.

SIEMAG provides system solutions for grinding machines with:

- Shot-blasting equipment
- Ultra-sonic testing
- Workpiece-handling systems such as transfer and take-over stations, roller tables, transverse conveyors etc.
- Surface-testing systems
- Chip-collection and transport units
- Fine-dust filter units
- Identification systems.



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