

SERVICE INFO

May 2010



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EDITORIAL

Dear Customers!



During the last weeks there has been a slight up-swing of the economy in many industries, hoping this trend will also maintain in our

business. The last months have shown the importance and dependence of high-performing and reliable equipment. In times when major investments have been postponed, more and more plant owners have focussed on safeguarding and optimizing the production capacities of their existing equipment.

SMS Meer Service Inc. offers you comprehensive and reliable services with the know-how of the OEM manufacturer. Whether spare parts, technical support or modernization of your machines, we ensure a reliable and efficient production. So, do not hesitate and prevent expensive downtimes by taking advantage of our services!

All of our service offers are customized to your individual demands. Our Team consists of experienced service specialists which also support machines of traditional brands like Aetna Standard, Sutton, Kieserling or Eumuco. With this broad technical knowledge we will ensure you get the maximum out of your equipment, being well-prepared for all future market-requirements.

You look after your customers, we take care of your machines!

Your

Nils Honold
Vice President Operations

Schumag-Kieserling Machinery Inc.

Joining forces with SMS Meer

For more than 30 years Schumag-Kieserling Machinery Inc. (SKM) has provided local service for Schumag and Kieserling equipment in North America. In 2010, SKM and SMS Meer Service Inc. have combined their forces to service these customers more efficiently.



By combining the specialized resources, both companies can provide a comprehensive, competitive and faster service. All inquiries will be handled by SMS Meer's Cranberry office. Parts availability will be maintained by using the existing warehousing facility and its adjacent workshop in Bellefonte. Service visits will be provided by the established SKM personnel and supported by SMS Schumag experts.

As a long-term partner, the service experts share the knowledge and manufacturing know-how

with the customers. Customized concepts and tailored back-up support are offered over the whole service life of their plants. With OEM service packages, the value of the plants is safeguarded for many years to come. The services offered are geared to increasing the productivity and availability of the equipment, improving the product quality, and achieving a lasting reduction in operating costs.

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Sutton Straightener

Rebuild of Flat and Shape Straightener

SMS Meer Service Inc. in Bellefonte was awarded with a rebuild of a D30L Straightener. The machine is a multi-strand straightener used for straightening angle iron. It was built in 1980 by SMS Sutton and was recently purchased on the used market by a global tube manufacturer located in Canada.

After 30 years of production, the machine was still in a good condition but not comparable to the performance when it had been installed. So, the customer decided to rebuild to benefit from latest technology and produce more efficiently.

The rebuild of the straightener was completed in four months and included comprehensive workings and services. After the complete dismounting, the straightener was cleaned and inspected in SMS Meer's Bellefonte plant.

All wear items, scales as well as dials were replaced and a new lubrication system was installed. Furthermore, new motors, encoders and proximity switches were added.

After re-assembly and painting of the machine, the straightener was shipped back to Canada.

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New General Manager for Tube, Copper & Closed-Die Forging

Ken Sharrer joins SMS Meer Service Inc.



In December 2009, Ken Sharrer joined SMS Meer Service Inc. as the new General Manager for Tube, Copper & Closed-Die Forging. Being the successor of George J. Boy, his responsibilities are service, parts and components, retrofits, upgrades, and rebuilds for the North American market. In addition to SMS Meer machinery, services for equipment from Aetna Standard, Eumuco, INNSE, Schumag, and others are under his supervision.

The primary goal is to further strengthen SMS Meer's North American service business and to promote SMS Meer as one of the top suppliers of equipment and services. Ken Sharrer's focus is always on the customer's needs and requirements. By bringing his and SMS Meer's expertise in machine overhauls, inspections, parts replacements, revamps, and modernizations, he helps to improve customers' operations and reduce overall costs.

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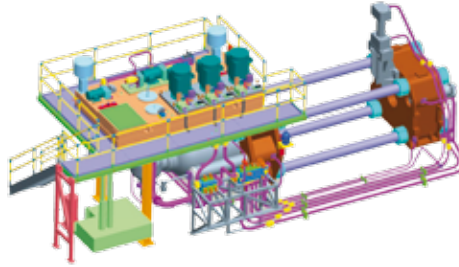


Kawneer Global Special Products

Hydraulic Upgrade on 2400 UST Press

End of 2009, SMS Meer Service Inc. in Bellefonte completed an upgrade of a 2400 UST Press with a new hydraulic system. The upgrade of the 40 year old press included a complete new hydraulic tank with pumps and motors as well as new piping and manifolds. Goal was not only to improve availability but to increase performance and production while reducing maintenance costs.

All of the hydraulic valves of the press were replaced by modern valves with Bosch Rexroth technology. Being an updated version of the proven design of Sutton, the valves meet the high availability requirements of Kawneer Company.



New Rexroth A4V500 pumps were installed to replace Kawneer's oilgear pumps. The new A4V pumps provide more volume which helped to reduce dead-cycle time and enabled the customer to increase extrusion speeds on certain dies which were already maxed out – thus significantly improving productivity.

The new hydraulic system was successfully installed in only fourteen days during a planned shut-down. SMS Meer Service Inc. supervisors worked two 12-hour shifts per day alongside two installation contractors. The supervisors advised and guided the contractors during disassembly, installation and wiring of the new equipment. Despite the ambitious installation schedule, the project finished on time. After installation, SMS Meer Service made sure that the upgraded hydraulic system performed as planned.

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Better Guiding & Larger Billets

Arcelor Mittal Shelby

SMS Meer Service Inc. recently supplied a new Piercer Inlet Table to Arcelor Mittal Shelby who asked for a replacement unit that could offer better guiding and an ability to process larger billets than the original equipment was designed for.

The new table was furnished with a simplified design, focused on reducing equipment maintenance. Arcelor Mittal Shelby also wanted to reuse the existing bolting arrangement of the table to the foundation, plus the ability to reuse their existing air cylinder, designed to position the table cover. The customer also wanted to reuse their existing height adjust drive

system. The original design was based on technologies from the 1950's. The billet requirement increased both in weight and diameter from the original design. When processing the larger billets on the old table, the table could not be positioned to allow the billet to align with mill centerline. In addition, the mass of the table was not adequate when the larger billets were processed, causing safety and reliability concerns.

The new design had to be made to fit into the existing space between the Piercer Proper, Main Drive Unit and Roll Spindles, while still considering the larger billets and the

extended height adjustment positions. The new design was made using a heavier section support frame with wider guiding surfaces having replaceable hardened liners. The top cover was also made using heavier sections. The table wedge base was made to allow additional adjustment, while reusing the existing drive system. Hydraulic clamping was also provided to clamp the inlet table to the wedge base after positioning for the desired billet.

In conclusion, this upgrade demonstrated the capabilities of SMS Meer Service Inc. to supply equipment to meet the customer's requirements. In



this instance, it demonstrated the ability to incorporate existing equipment into the new equipment design to help reduce overall project cost and installation time.

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Spare Parts Program

Being well prepared



SMS Meer Service Inc. offers a special Spare Parts Program for its customers to optimize their machine availability and reduce spare parts and storage costs. The service includes recommendation for storing of long lead major components and minimal critical spare parts. The stocking of spare parts takes place at SMS Meer Service Inc.'s locations with shipment within 24 hours upon

request. Customers will benefit from the direct availability of critical spares as well as reduced inventory costs. Parts distinguish from competition with OEM quality, comprehensive technical support and guaranteed pricing. In addition, SMS Meer Service Inc. offers prevention services to guarantee highest productivity. Annual visits by qualified SMS Meer Service Inc. technicians allow to optimize the press to OEM dead-cycle, pressure and speed performance. Regular inspections of major components identify any areas of fatigue or failure.

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AISTech 2010 Pittsburgh

May 3-6, David L. Lawrence Convention Center PA

SMS Meer Service Inc. will present at AISTech 2010 at booth 1542. The trade-show features international technologies from all around the world, allowing steel producers to compete in today's global market. Customers will become informed about SMS Meer's services and discover ways to simplify production and increase productivity.

SMS Meer is a global leader for planning, engineering, manufacturing, erection and commissioning of complete plants for the production of seamless and welded tubes and pipes, as well as plants and machines for the copper and

aluminum industry. SMS Meer also supplies a complete spectrum of long product rolling mills, closed-die forging and ring rolling machines.

SMS Meer Service Inc. represents SMS Meer in North America and provides spare parts and technical services, such as revamps and upgrades for pipe mills and extrusion press equipment that was supplied by Aetna Standard, Sutton, Eumuco, and others.



Stay in Shape Pump Exchange Program

SMS Meer Service Inc. provides a Pump Exchange Program in conjunction with Bosch Rexroth for the North American customers. Pump wear is monitored by SMS Meer Service experts and worn pumps are replaced with refurbished Bosch Rexroth units nearly at half price of a new one.

Refurbished units of obsolete A2V 500 and A4V pumps are in stock and ready for quick shipment from the Bellefonte facility. The shipment usually does not take longer than 24 hours. Orders from pump exchange program members receive priority shipment. Customers may not only benefit from an extended OEM warranty, but also from the know-how of SMS Meer experts.

A service technician will evaluate the pump and perform a slip test. Furthermore, the complete oil and hydraulic system will be reviewed and filters inspected.

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We are interested in the services offered by SMS Meer.

Please send us further information on the following services:

- Erection & Commissioning
- Training programmes
- Maintenance service
- Equipment checks
- Repairs
- OEM spare parts service
- Modernisation

- We would like to know more about the service products from SMS Meer.
Please contact us **to arrange an appointment.**