



Congratulations!

The many years of experience of our staff is the key to successful service – our warmest congratulations on their service anniversary go to:

- **Technical Field Service:**
Manfred Schecht, 45 years of service
- **Technical Field Service:**
Norbert Zaremba, 40 years of service
- **Repairs and modernisations:**
Peter Wanke, 45 years of service
- **SMS Service Inc.:**
Nitin Doijad, 10 years of service

Events 2010

In 2010 we will again be participating in numerous trade fairs. We look forward to seeing you!

- 14.03. - 19.03.2010 **Wheelset Congress**, Capetown, South Africa
- 12.04. - 16.04.2010 **TUBE & Wire**, Düsseldorf, Germany
- 20.04. - 22.04.2010 **Forge Fair**, Cincinnati, USA
- 19.04. - 23.04.2010 **Hannover Messe 2010**, Hannover, Germany
- 11.05. - 14.05.2010 **Metal + Metallurgy China**, Shanghai, China
- 24.05. - 27.05.2010 **Metallurgy Litmash**, Moscow, Russia
- 06.06. - 10.06.2010 **Copper 2010**, Hamburg, Germany
- 09.06. - 11.06.2010 **Aluminium China 2010**, Shanghai, China
- 14.09. - 16.09.2010 **Aluminium Essen**, Essen, Germany
- 15.09. - 17.09.2010 **Steel Rolling Conference**, Peking, China
- 21.09. - 24.09.2010 **Tube China**, Shanghai, China

Picture puzzle

Take part and win one of five digital cameras. Find the 5 mistakes in the right-hand picture and send us the solution to the word quiz on the right-hand side using the attached reply telefax. If several correct submissions are received, the winners will be determined by the drawing of lots. Participation is open to all customers of SMS Meer GmbH. **Closing date for submissions is 31.01.2010. Good luck!**

Original



Where are the mistakes?



Take part!
And win one of
5 digital cameras!

solution matrix

TA	SC	PK
GY	ME	QE
KA	AL	FJ
EF	TI	UM
LL	ON	UR

REPAIRS AND MODERNISATIONS: Record-breaking general overhaul **Page 2.**

PROXIMITY TO THE CUSTOMER: The new contacts for China and Russia can be found on **Page 3.**

SMS MEER TRADE FAIR PARTICIPATIONS: The latest dates can be found on **Page 4.**

Our workshop – versatile and flexible

Repair, modernisation and spare parts – directly from the manufacturer

New production shops on around 27,000m², 40 machine tools, 24 overhead cranes with up to 200 t lifting capacity, an annual machining capacity of more than 1,000 tonnes and 130,000 production hours per year – impressive figures for the production and assembly shops at SMS Meer. We offer individualised production and assembly concepts for a large number of customers.

Everything from a single source – that is the hallmark of our Service. From the planning and documentation of the working steps through the logistics, from the performance of repairs through to the installation of components and assemblies in the machine – our staff handle all that for you.

Our modern workshop in Mönchengladbach offers the optimum technical preconditions for meeting customers' wishes quickly, punctually and with the highest product quality. All guarantee by a consistent quality management system, certified in accordance with ISO 9001.

Through continuous expansion of our machine park, we have significantly increased our machining capacities. A quick and flexible reaction to even exceptional customer demands is thus possible. Various machining centres are available so that depending on the weight and size of the part or spare part, even extremely large machine



View from above into the production

components can be machined with the highest possible efficiency.

Our recently commissioned CNC machining centre specialises in the turning and milling of large components – optimum also for repairs and modernisation projects of all kinds. We use the latest 3D laser measuring technology for measuring parts with large dimensions and complicated geometries.

Immediate detection of remachining zones and shortening of the machine time by eliminating the acclimatisation of the part are further advantages for our customers.

No matter where your company is located, we are never far away with our combination of specially trained and highly qualified staff and the latest technical equipment. The very high quality level of our production and the machining possibilities for components of all shapes and sizes are the crucial benefits that our workshop offers the customer to safeguard your lead over the competition.

See for yourself – try us. We are looking forward to hearing from you!

Your contact person: Hans-Dieter Niers
serviceinfo@sms-meer.com



Machining centre in the SMS Meer workshop

EDITORIAL

Dear Readers,

Service is in demand even in difficult economic times. Many machine owners use the reduced workload to pimp their machines to meet future demands. When status analysis, modernisation or complete overhaul – the need for service is more varied than in the past and goes far beyond simple maintenance. Experts are needed like never before!

This latest issue of our Service Info shows you a few examples of successful repairs and modernisation projects, and informs you about the impressive capacities of our workshop. While other companies have to rely on sub-suppliers, we can guarantee the quality of our machine parts ourselves at all times.

Service tailored to your needs and characterised by absolute individuality – we give planning security and safeguard your competitiveness on the market for years to come. Why not see for yourself?

I wish to thank you – also on behalf of all the staff of SMS Service – for the good and trusting cooperation at all times during the course of this year and wish you every success in 2010.

And now enjoy reading our Service Info.



Your Friedhelm Bitter
Head of Service

Record-breaking: General overhaul within 3 weeks

Customer and SMS Meer Service work hand-in-hand

With more than 500 years of corporate history, BGH Edelstahlwerke GmbH can call itself a very experienced manufacturer of stainless steel and special alloys. At its manufacturing location in Freital, Saxony (Germany), this traditional company installed a planetary rolling mill 125 (PSW) in 1994.

After the mill had operated without prolonged standstills or quality problems for 15 years, the company decided to have a general overhaul of the PSW in 2009 in order to be able to continue to ensure reliable and cost-effective production in the future. BGH Freital GmbH discussed the possible maintenance and



The roll stand of the PSW in the SMS Meer workshop

repair measures with SMS Meer Service, relying on the experience and competence of the Service experts. Thanks to many years of know-how in the overhaul and repair of steel forming machines, not only damage to the PSW was discovered but also its

causes were identified. Even during the analysis of the damage, the in-depth know-how of the SMS Meer Service technicians was backed up by the latest equipment. For example, the machine geometry was measured using a new 3D laser measuring unit.

Thanks to good planning, know-how and committed personnel, the whole machine was completely overhauled within just three weeks during the scheduled annual plant shutdown.

The measures taken now guarantee trouble-free production and the achievement of production values on a par with those of a new machine.

Your contact person: Günter Gesche
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Planetary rolling mill (PSW)

The PSW is ideal for forming NF metals. Three conical rolls are arranged at any angle of 120° to one another and rotate continuously around the roller bar. This creates a conical forming zone in which the inclination of the roll head ensures the continuous feed of the rolling stock. Additional drivers are therefore not required. A rate of forming of up to 90% can be achieved in a single pass, depending on the material.

3D laser measurement

SMS Meer relies on trendsetting techniques and processes. Machine axes and geometries can be measured within a minimum of time using a new portable 3D laser measuring system. Whether for erection or repair, the measurement results are immediately available. The measuring precision at a range of up to 35 m is 0.015 mm.



Measuring of components

Return ticket to Germany

Personal handover of a control unit at Frankfurt airport

When the control PC on the continuous caster failed at the Malaysian brass billet manufacturer, International Brass Industries, the company's full-capacity production plan threatened to break down.

A phone call to SMS Meer Service, though, seemed to offer a quick solution. Thanks to the far-sighted archiving of all necessary control data, it was possible to promise the production of a copy of the control unit within a few hours.

The punctual and undamaged delivery of the delicate electronics by the local postal

service seemed to uncertain for the customer. Instead of the express shipment offered, General Manager Ho Hamdan decided in favour of a personal handover of the spare part at Frankfurt airport.

While Mr Hamdan was flying half way round the world, SMS Meer Service technicians programmed the control PC and prepared the necessary export documents. Immediately after landing in Frankfurt, the control unit was handed over to Ho Hamdan at the airport. With the spare part safely packed in his hand luggage, the happy customer was able to fly back to Malaysia

with the same plane. There the controller was easily integrated into the system and production could be started again.

International Brass Industries were more than satisfied with the quick and uncomplicated supply of the spare part, with less than 72 hours elapsing between the telephone call and the installation of the new control PC.

Your contact person: Günter Gesche
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New controller for optimum production processes

Modernisation of a ring rolling machine

The Swiss company Schmiedewerk Stooss AG decided to have the controller of its RAW 125 / 100 ring rolling machine modernised. Apart from a new CNC and PLC, an ergonomic control desk and new thyristor cabinets were installed. In addition, the centering arms of the machine were disconnected from the main machine.

The new controller improves the achievable product quality and also includes functions not available with older controller genera-

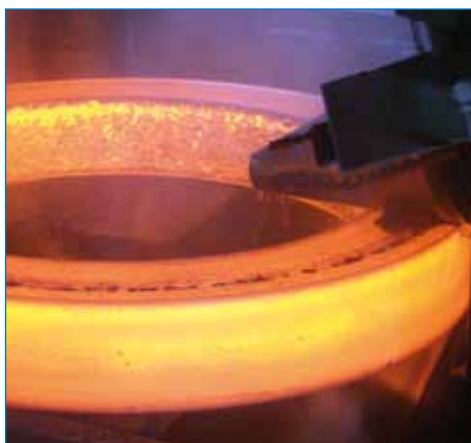


RAW 1215/100 ring rolling machine

tions. Thanks to the recording of the rolling processes and the improved display and analysis possibilities, faults or malfunctions can be identified and remedied far more easily by the customer. An installed teleservice interface allows SMS Meer – by agreement with the customer – to access the machine controller online. Quick and detailed support in solving any problems is therefore guaranteed in future. Apart from the electronic improvements, mechanical and hydraulic measures were also taken to expand the production capacity.

The radial and axial rolling force of the ring rolls was increased, and the maximum rollable ring height enlarged. As a result, the product spectrum that can be manufactured on the machine has been greatly broadened.

Parallel to the modernisation of the ring rolling machine, the RStPÖ 2500 press was also overhauled. The provision of an erection supervisor to oversee the most important steps was handled by SMS Meer, as was the supply of the necessary spare parts.



Rolling stock during forming

Discontinuation of production of a spare part

Our supplier has informed us that production of the Modular 4 CNC unit is to be discontinued. This unit forms part of the controller of a number of ring rolling machines and can only be ordered until the end of this year. We recommend that you order the spare part as quickly as possible. Please contact us for the subsequent modification of your controller.

Your contact person: Klaus Buhl
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Service location in Russia

New managing director

New Managing Director of SMS Meer Service in St. Petersburg, Russia, is Clement Peters. Mr Peters is not only fluent in Russian, but also has 10 years' experience in machine and plant engineering.



Your contact person
Clement Peters

His goals are to expand the sales network, intensify the customer support and promote the development of suppliers for local procurement and manufacturing of spare parts. Through our competent local team, we are able to offer Russian customers our whole service spectrum in both the local language and the local currency.

Your contact person: Clement Peters
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Service location in China

Closer to the customer

Short reaction times, permanently available competencies, local OEM know-how and cost-effective after-sales service is in demand worldwide. SMS Meer has recognised this trend and is reacting to it with the steady expansion of its Service network.



SMS Meer Engineering (China) Ltd. operates from Shanghai and Peking and provides flexible support for emergency measures or longer-term projects. Furthermore, the staff of the Chinese subsidiary are available for commissioning of new or optimisation work on existing machines.

Your contact person: Elton Xu
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SERVICE INFO

**SMS
MEER**

SMS group

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To:

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41069 Mönchengladbach
Germany

First name

Name

Company

Position

Street

Post code / City

Country

Telephone

Fax

E-mail

Yes, I want to take part in the "Picture puzzle" competition.

The right solution is:

We are interested in the services offered by SMS Meer.

Please send us further information on the following services:

- OEM spare parts service
- Equipment checks
- Equipment audit
- Start-up support
- Maintenance service
- Modernisation
- Training programmes

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