Professional Workshop Outfitting – Made in Allgäu

When the doors open at the International Craft Trades Fair in Munich (IHM) from the 11th to 17th of March 2009, MAHA products will be there. As always, MAHA will present a sweeping overview of its product portfolio in the workshop branch at the leading craft trade fair in Europe.

Our specialists for modern workshop outfitting and numerous service equipment are present at 2 booths in hall B 1: at the shared booth for dealers RGA, WZB, Schick & Broe (Booth No. 111/214), Neimcke GmbH booth (Booth No. 211/324) and ZDK exhibition booth (Booth No. 451/668). The MAHA booth team provides insights into the latest technological developments in workshop equipment – from lifting technology to vehicle testing equipment; including emission combi-testers.

From lifting technology to testing equipment
At the dealer's shared booth 111/214

Lifting Made Easy
Design conditions and requirements for lifting technology vary greatly from workshop to workshop. For this reason, MAHA’s product portfolio in this area offers a wide spectrum of equipment. At booth 111/214 at the IHM a wide range of lifting technology can be seen: the latest generation of double stroke scissor lifts TWIN F III, an inground lift as model, the two post lift ECON III for 5 or 3 ton load, the innovative, cable-free mobile column lift RGA as well as a demonstration model of a two post inground lift equipped with various support possibilities.

- Mobil Column Lift RGA
- Double-stroke scissor lift TWIN F 3.0
- Two-post lift ECON III
- Inground lift with module runways
- Demo model two-post inground lift

The survey's of different test organizations have listed the need for lifting points in the development and manufacturing of professional brake testers and offers reliable quality in this sensitive area.

- Roller Brake Tester NR 2
- Adjustable roller set
- Roller Brake Tester NR 7 Analog display

Roller Brake Tester NR 2

- Roller Brake Tester NR 7 Analog display
- Adjustable roller set
- Headlight Tester LITE 3
- Arbogast Damping Tester
- Wheelie Tester
- Lifting Made Easy
- Side-slip tester MINC
- Side-slip tester from MAHA
- For customers, employees and friends. No. 32 / March 2009

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MAHA displays at three booths

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MÄHÄ exhibits at the IHM and the Amitec.

"Tradition and Innovation – Workshop Through Time". From 28th of March to 1st of April a special show is being presented in the framework of this year’s Amitec which is a retrospective of 50 years of workshop equipment. MÄHÄ Maschinenbau Haldenwang stands for versatile innovation with traditions in workshop outfitting. While the special show is dedicated to the past, MÄHÄ’s visitors are presented with a look into the future. At the shared booth (C 04) in hall 2 the dealers Gelhaar, Haweka, Heil & Sohn, Klawe and the MÄHÄ-sales company will present current MÄHÄ products and those of SLIFT, a subsidiary. Products will include test lanes, lifting technology, combined tester for emission testing and brake testers.

Sustainable quality with tradition

MÄHÄ offers a wide variety of products in its lift portfolio.

Lift Technology
- Mobile Column Lift MCL
- Double Stroke Stainless Lifting Pit THZ 3.0
- Mobile Column Lift RLA
- Two-Post Lift ECOR III 3.0 and ECOR III 5.0
- Two-Post Lift HL III 4.0
- Demo-model of the two cylinder inground lift ZS SQUARE

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MÄHÄ presents workshop equipment in hall 2 at booth C 04.

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Global Player

WORKSHOPNEWS
Maha delivers worldwide.

MAHA for ABT Asia in Singapore

LPS 3000 for ABT Sportline Asian Branch

The car market in Europe and the USA has free positive impulses at the moment, while in Asia this segment is registering huge growth. International automobile companies have recognized this trend long ago and have reacted with heightened presence in the region. With Audi and Volkswagen being the most popular import brands, it was a foregone conclusion that ABT Sportsline would become active in the region when considering their position as leading worldwide fine-tuner for Audi vehicles. In November of last year ABT Asia branch was opened in Singapore.

Various testing tasks requiring technical equipment are also done in workshops in Asia. ABT has decided to go with quality they know well from Haldenwang. A performance dynamometer from MAHA for ABT Asia in Singapore MAHA supplies equipment for the Falter Group

New auto dealership offers optimum all-round service

The Falter Group will soon be opening its new automobile dealership in Grienscheid. In addition to the enormous showroom for displaying the complete Mercedes-Benz new car lineup, substantial expansion has been realized in the area of commercial vehicles and all-round service offerings. They have also used the new construction as an opportunity to integrate state-of-the-art vehicle technology. It is possible, for example, to lift a complete truck trailer up to 60 t gross weight on a 6t. The benefits for commercial customers are substantial, shorter down times with noticeable cost savings.

10 car work stations and 5 truck work stations are now available for optimum all-round service for all kinds of vehicles. Bottle necks are effectively avoided.

The innovative test and lifting technology was supplied by MAHA. MAHA, the LPS 3000, has a micro-processor controlled computer for performance measurements with constant RPM, speed and traction. The dyno has the best prerequisites for trouble-free integration into daily workshop operation; graphic and numerical display of measurement values including various programs and options.

MAHA delivers worldwide.

Major Project TÜVTURK completed

Turkey now has a countrywide test system

TÜVTÜRK was the largest project in MAHA’s history. MAHA interviews Dr. Aubel, Managing Director of TÜV SÜD Auto Service GmbH and TÜVTÜRK Project Head.

MAHA: Dr. Aubel, the test stations have now all been completed and are in operation. A major project has now been successfully realized also for TÜV SÜD. Our warmest congratulations! We would be interested in knowing whether TÜV SÜD will concentrate exclusively on vehicle testing or if an expansion into other areas of business is planned.

Dr. Aubel: This project which was mutually realized in an unbreakable tight timeframe is most certainly one of a kind in this branch. For the time being our focus will be, of course, on the vehicle inspection. But of course in the long run we may decide to offer additional services after all, TÜV SÜD encompasses more than just vehicle inspection.

MAHA: What is your feeling about the acceptance of vehicle monitoring today and in the future among the Turkish population in general?

Dr. Aubel: At the moment it is not possible to make concrete statements because the entire operation is still in its beginning phase. The stations have only been open since 2008 thereby replacing the old federal system. However the general tenor is definitely positive. People have recognized a real effort in implementing this project, other foreign projects for TÜVTÜRK are somewhat unlikely, but on the other hand there is potential for TÜVTÜRK.

MAHA: How would you assess MAHA’s performance in this project?

Dr. Aubel: Once the stations were designed, the processes defined and the buildings drafted, my efforts were concentrated on training the personnel on location. The second aspect was certainly finding a partner who could supply the proper equipment and was in a position to meet the extremely tight deadlines of a project this size. After all, the task involved equipping 100 test stations in only 18 months. Within this tight tenue time frame, equipment had to be produced, delivered, installed and intense training offered. My best compliments to MAHA – it all functioned perfectly.

MAHA: What do you consider the effects of TÜVTÜRK on the larger picture in Turkey, in particular for future investments in the Turkish economy and/or in the private sector?

Dr. Aubel: I imagine that this particular kind of investment development can most likely be expected. When considering the workshops in rural areas, it is important to note that the quality of the machinery and the qualifications of the employees leaves a lot to be desired. This will change significantly in the years ahead. We consider it very positive that companies have sprung up which offer preparation services for the vehicle inspection. This means that workshops prepare the vehicle with a pre-check before they appear at the TÜVTÜRK.

MAHA: The TÜVTÜRK project is considered a real showcase in this branch– not only in Europe. What have the worldwide reactions been?

Dr. Aubel: The project has ab initio notoriety which serves as a great reference when we present ourselves as TÜV SÜD in other countries.

MAHA: Have you received solid inquiries for foreign projects resulting from this one?

Dr. Aubel: On the one hand, it is my opinion that due to the shareholder structure of the present company, international projects are somewhat unlikely, but on the other hand there is potential for TÜVTÜRK.

MAHA: How do you see the development of TÜVTÜRK in, say, 5 years?

Dr. Aubel: The project has a lot of potential and the testing guidelines, where do you see TÜVTÜRK in, say, 5 years?

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MAHA USA builds a lifting device for BOEING
System for lifting and lowering parts of a reflector telescope

After a 2-year-long search BOEING decided on MAHA as its partner who could fulfill the highly complex task of building a special type of lifting device. BOEING was looking for a supplier who was in a position to build a unit which could be used to raise and lower parts of a reflector telescope.

The basic requirement consisted of being able to load the column while in a raised position and then moving this load a floor lower. This specification had to be fulfilled before the order could be awarded. Additionally, it was necessary for the manufacturer to be ISO 9001-certified.

None of the lifting units available on the market could meet BOEING’s requirement, even in a rudimentary manner. A very individualized solution was needed. After carefully examining the BOEING catalog of specifications, MAHA was convinced it could design and build this type of column lifting device. Each detail was defined with exact specifications for which adherence was obligatory.

For a start, the external configuration of the columns had to meet exact requirements, as well as load capacity, travel distance, adjustable lifting speed, total height and dead weight. The special supports on the lifting carriages had to meet exact requirements, as well as load capacity, travel distance, adjustable lifting speed, total height and dead weight. The special supports on the lifting carriage had to meet exact dimensions. Column maneuverability, motor power and drive had to meet a strict requirement profile including control unit, displayable values for the display board and pinion supply.

AHO was created which surpasses conventional standards above and beyond. As far as lift technology goes, AHO represents the state of the art.

Software enables the user, per computer, to move to a pre-set lifting height with a 0.25 mm accuracy.

- The system stability ensures a 100 % overload protection (10 t per column).

MAHA was able to be up to BOEING’s standards in every aspect including the financial one. This is the way that new customer relations are established.

In February 2009 the largest KIA dealership in Europe was opened in Leipzig. In addition, MAHA supplied the necessary systems which today test approximately 200 vehicles daily. The stability and absolute reliability of the MAHA products stand for maximum quality and the highest measure of suitability for daily use, says “Jahroun” (The World), essentially an independent daily newspaper in Iran which appeals to a rather conservative readership.

MAHA supplies KIA
Opening of the largest KIA dealership in Europe

In a test center in Tehran, the main inspector is done exclusively on a MAHA test lane. 8 years ago MAHA supplied the necessary systems which today test approximately 200 vehicles daily. The stability and absolute reliability of the MAHA products stand for maximum quality and the highest measure of suitability for daily use, says “Jahroun” (The World), essentially an independent daily newspaper in Iran which appeals to a rather conservative readership.

DELIVERY PROGRAM
Testing equipment for cars, trucks, motorbikes, tractors, forklifts, airplanes:
- e.g. for brakes, power, shock absorbers, side- slip, various functions, thermometers, technology, air- and wheel loads, headlights etc.
- Lifts in various designs and models for all types of vehicles
- Measurement devices for: Emission, in particular for particles in diesel emission, sound level meters, air conditioning service equipment, deautometers, storing brake tests, brake fluid testers, axle play.
- Test stands: Machinery for mounting and balancing.
- Workshop planning, training sessions for service technicians and users.
- We will gladly provide you with technical information – based specifically on your needs. Please use the MAHA homepage for your request under:

www.maha.de

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