



JOEST®

NEWS

Mai 2009

Dear clients, supplier, dear employees and friends of the house,

The JOEST group has experience steady growth owing to the trust and loyalty, which you, dear customers and partners of the enterprise have demonstrated.

This confidence encouraged us to expand the production facilities at our Duermen-Buldern plant. We've added an ultra-modern blast and paint system, a new drilling machine, an extension of the workshop for welding engineering - all examples of the significant investments we've made during the last year, which you can read about in more detail in this edition of the JOEST NEWS.

Despite of the ominous thunder-



Dr. jur. Hans Moormann and Christian Fuchs, MBA

clouds darkening the economic skies since last autumn, we've secured the long-term growth possibilities of our enterprise through the acquisition of a trade area of approx. 32,000 m² adjacent to the existing labs and offices.

We've also remodeled our canteen in a modern dining area, which offers a varied luncheon menu for our employees, and provides a suitable venue in which to offer business entertainment to customers and guests; such a nice touch to complete the upgrade of our campus!

We are of course mindful of the world economic crisis.

The intensified development of our business in Asia and Australia should help mitigate the effects of the down-turn in the worldwide markets we serve. We firmly believe that things will turn around soon, and growth again will occur.

Our highly qualified team is here to give you responsive and knowledgeable support, helping you to the timely realization of your projects. We look forward to continuing our successful business relationship with you.

The managing partners

Big screens for granite quarry



The huge, linear vibrating screens are designed for quarrying in Scandinavia, producing split and offshore. Because of the precise screening needs of this application, the company decided the best choice was a JOEST linear vibrating screen. Different inclines were chosen to provide variety in the use of the screens. The capacity can be up to 1500t/h.

Every screen of the type SRZN 3070x7000 is provided with a newly developed counter mass frame, with its improved vibration isolation efficiency.

The material is screened on Polyurethan-Screen-decks specially constructed for the smallest and the biggest cuts, designed to achieve a high and consistent quality, even with difficult material.

The traverse wear protection Polyurethan-System-Components were used for the first time. This solution simplifies maintenance, as the wear components are small and can easily be changed via bolt connection.

In March 2009 the last screen machines with double-deck construction of 8 were finished in Duermen-Buldern.

Using the Finite-Element-Method improved components run the machines with high energy efficiency.

JOEST with top exhibit on the POWTECH 2008



The highlight on the JOEST stand at POWTECH 2008 in Nuremberg was the heatable spiral elevator rising to an impressive height over four meters.

This machine exemplifies a mature technology achieved by consistent improvement and model care. The exhibited spiral elevator is heated with steam to dry the fine-grained bulk materials.

POWTECH attendees showed great interest in the vibration fluidized bed cooler with a screen section. This machine is characterized by easy accessibility with quick and simple maintenance.

Both machines on exhibit were manufactured to specific customer requirements which demonstrates not only JOEST's commitment to customer satisfaction, but also the confidence and regard customers have for our ability to deliver what they need to move their business forward.

Many JOEST customers stopped by our booth and took the opportunity to talk to the many members of the JOEST field support team. The new export manager for thermal process engineering and environmental technology, Dr. Kai Hausmann, used the opportunity, to get acquainted with customers.

JOEST Inc. at Coal Prep Show in Lexington



For the first time JOEST's USA subsidiary, JOEST Inc., attended in April the 26. Coal Prep show in Lexington, Kentucky.

The FEL coal conveyer (2400 x 2700), situated at the entrance of the trade show with its 8 magnetic drives, causes quite a sensation. A 5ft square poster of the huge Scandinavian screen drew much interest from attendees and was a highlight of the show, which was well-attended in spite of the downturn in the economy. Visitors were upbeat and optimistic about the future - we're already making plans for Coal Prep 2010!

High quality confirmed

For the second time the German Association for Technical Inspection (TÜV) confers this high quality standard on JOEST, which has been certified by TÜV North according to the International valid Quality Standard DIN EN ISO 9001:2000.

The success of our company is based on a continual implementation of these quality standards by our motivated and excellent team.

New appearance and new management in France

JOEST established a subsidiary in France at the end of 2005, JOEST Manutention Par Vibration, (JMPV).

"You also need a suitable form to have a qualitatively high product". This slogan exemplifies JOEST's investment in the French business of the JOEST group our JMPV subsidiary. The French headquarters shines with new colours and is well recognizable with large signs all around.

Not only is the appearance new but JMPV recently welcomed its new manager, Mr. Armin Krey. Krey has been leading the subsidiary near

Angoulême since 1st March 2009. Together with the JMPV employees Mr. Krey set his sights on the French market, establishing goals similar to those in which JOEST has had success in a number of other markets as an international leader.

Krey has the full support of the specialized teams of JOEST Germany to bring the core competencies of JOEST to France: the construction and manufacturing of vibration machines, vibration



Armin Krey in front of the JMPV building

drives and process engineering systems to the bulk materials market.

Beijing media states: Now also in China - Best Vibration Technology of JOEST



The former Vice-President of NPC, Mr. Wang Hanbin (middle), with the managing partners of JOEST Vibration Technology (Beijing)

In Beijing state guests are welcomed with formality and ceremony - and the atmosphere was festive as JOEST celebrated the opening of its Chinese subsidiary.

At the end of October 2008 more than 150 people from industry and politics met in the legendary "Great Hall of people" to launch JOEST Vibration Technology (Beijing) Ltd.

The company is a Joint Venture of JOEST Germany, JOEST Australia and the Chinese company Conseptech from Beijing. The new company was presented by its managing director Cheng Pengfei. He presented the use of JOEST's vibration technology. The local press reported that with JOEST presence, the best vibration technology world-wide is now introduced in China.

The JOEST group has had much success in China. Over 400 machines have been supplied to this market since 2003. With the establishment of JOEST in China, a remarkable milestone in the 90 year history of JOEST, our company can serve the Chinese market even better.

Start of new blasting and painting machine



The headquarters of JOEST in Duermen Buldern, Germany, has changed enormously since January 2008.

In three new workshops whose combined space exceeds 2000 m² (21,500 sqft) JOEST acquired and setup an ultramodern

painting and blasting machine. Structural components of machines being manufactured are painted and blasted in a three shift term, then coated according to the most stringent environmental regulations, using water-soluble lacquers.

Steel-fabricated components are painted in two large open areas, bounded by optical sensors which activate when a machine or component is detected for painting. Jet nozzles above activate an air curtain which essentially forms a „wall of air“ around the object, containing all the paint vapour and particles within. During the operation, the air,

paint vapour and particles are continually sucked into the floor grates (which can be seen in the photo) so non of the residue gets into the workshop. This arrangement saves energy costs as well as ensuring of the gas and particles during the painting process.

The blasting machine can be moved up to 30 meters away which provides ample space to permit freshly painted components and machines to dry where they're painted, eliminating the need for a dedicated drying area. Single components as well as completed machines (with accessible areas) also can be blasted and painted.

JOEST Screening Technology Leads in Waste-to-Energy



Recycling is big business, and in the United States, two of the industry's big players - Covanta Energy and Wheelabrator Technologies (Waste Management), have been adding non-ferrous recovery systems to their Waste-to-Energy (WTE) facilities to reclaim

high value metals, which are rising again after months of languishing at the low end of the market.

The challenge presented in these WTE facilities is that its ash by-product is a very inconsistent. This wet and sticky ash has a moisture

content of up to 45%. By using several vibratory feeders and a vibratory screen, the ash is screened to provide the eddy-current separator cleaner material, which results in a higher recovery rate of the valuable metals. This optimum result, a higher value end-product, is always confirmed by our customers.

Another proven solution for the vibration industry is a 110ft long FSM type resonance conveyor to feed boiler ash recently installed in the WTE facility in Harrisburg, PA, which is operated by Covanta Energy and was manufactured by JOEST Inc. in the USA. The JOEST design uses a combination of coil and leaf springs, balancing the feeder trough with counter masses while foregoing the use of high wearing parts like rocker arms. Hundreds of these FSM conveyors have been installed by JOEST worldwide, primarily in WTE plants and foundries.

The striking advantage to this feeder is its low maintenance and easy accessibility which even facilitates installation and start-up.

Homepage Relaunch 2008

In summer 2008 JOEST launched its new homepage on the Web.

After four years we redesigned our site - navigation is simpler and offers information in a clear way about both the enterprises within the JOEST group as well as the individual products and their application possibilities.

Convince yourselves and visit us at www.joest.com



The employees are feeling very comfortable in the new JOEST-cafeteria.



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