



Generation Change at JOEST

When viewing the long-planned first stage of the JOEST group's generation change from the outside, Peter Pan's quote, "never say goodbye" comes to mind:

Dr. Christian Fuchs has been working in various functions for the JOEST group for over 32 years. On November 1, 1994, he became Sales Director and on January 1, 2005 he was promoted to Managing Partner, his area of responsibility being sales and engineering. Under his co-leadership, the JOEST Group has successfully become a global player in the field of vibration technology. The swift and consistent internationalization on all continents is a very good example of an owner-managed company with quick decision-making routes.

Upon giving up his position as co-partner and Managing Director in mid-2015, Dr. Fuchs will take the chair of the JOEST group's Advisory Board.

During a farewell dinner, Dr. Hans Moormann, Managing Director of the JOEST Group, once again underlined his

colleague's strategic vision as well as the ever-constructive and collegial cooperation in over 15 years. The long-agreed generation change will now be completed. Dr. Marcus Wirtz, the current General Sales Director of the JOEST Group, will step into Dr. Fuchs's shoes.

Besides becoming Chairman of the Advisory Board, Dr. Fuchs will also keep several important positions such as the chair of the Foreign Trade Committee at the Chamber of Industry and Commerce in Northern Westphalia, Member of the Board of Directors of the professional association of foundry and the one of construction machinery and building materials machinery within the German Engineering Association (German: VDMA), as well as his position as Chairman of the Advisory Board of IfM (Institute for Management) in Salzburg, Austria.



Welcome to GIFA 2015

JOEST - Your Strong Partner for the Foundry Industry

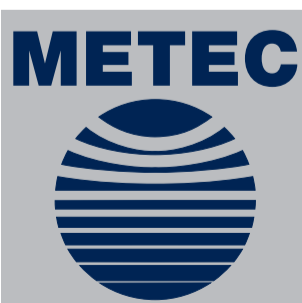
The GIFA 2015, a huge fair for the foundry industry, will open its doors on June 16th, 2015 in Dusseldorf, Germany. This exhibition, which only takes place every 4 years, promises to impress with exceptional and very interesting presentations. You will find us in **Hall 17 Booth D47** where we would like to present a variety of our products for the foundry industry.

With our well approved sorting conveyor and a 200° curve for cooling of castings we will show you how smooth and controlled castings can be conveyed. We present our newly developed vibro table which has multiple applications such as for the lost foam process. Also our original sand lump attrition unit – invented by JOEST long ago and proved to be the best and most reliable - can be seen.

We would like to demonstrate our high performance ability with this selection of products especially for foundries working in the green-sand and nobake-sand sector.

Happily we will inform you about all our other products of the JOEST group including our trademark HERWEG® Waagen- und Vibrationstechnik.

We are looking forward to your visit between June 16 and 20, 2015 in Hall 17 Booth D47.



JOEST – Your Partner for the Steel Industry

JOEST is globally known for innovation and constant developments of vibrating machines and systems for the steel industry which are important to meet the changing requirements of modern foundries. As leading manufacturer of vibrating machines and system solutions for the foundry industry, JOEST GmbH + Co. KG presents an interesting products overview for: Primary and secondary metallurgy.

Our scope of supply refers to the conveying of raw materials, screening, storage and dosing of different products up to the different furnace melting processes like EAF, RH, VD or LF. We would like to invite you to our **Booth F33 in Hall 3** to discuss innovative solutions for your requirements and to introduce us as your competent allround partner.

Come and visit us at our booths and our website: www.joest.com



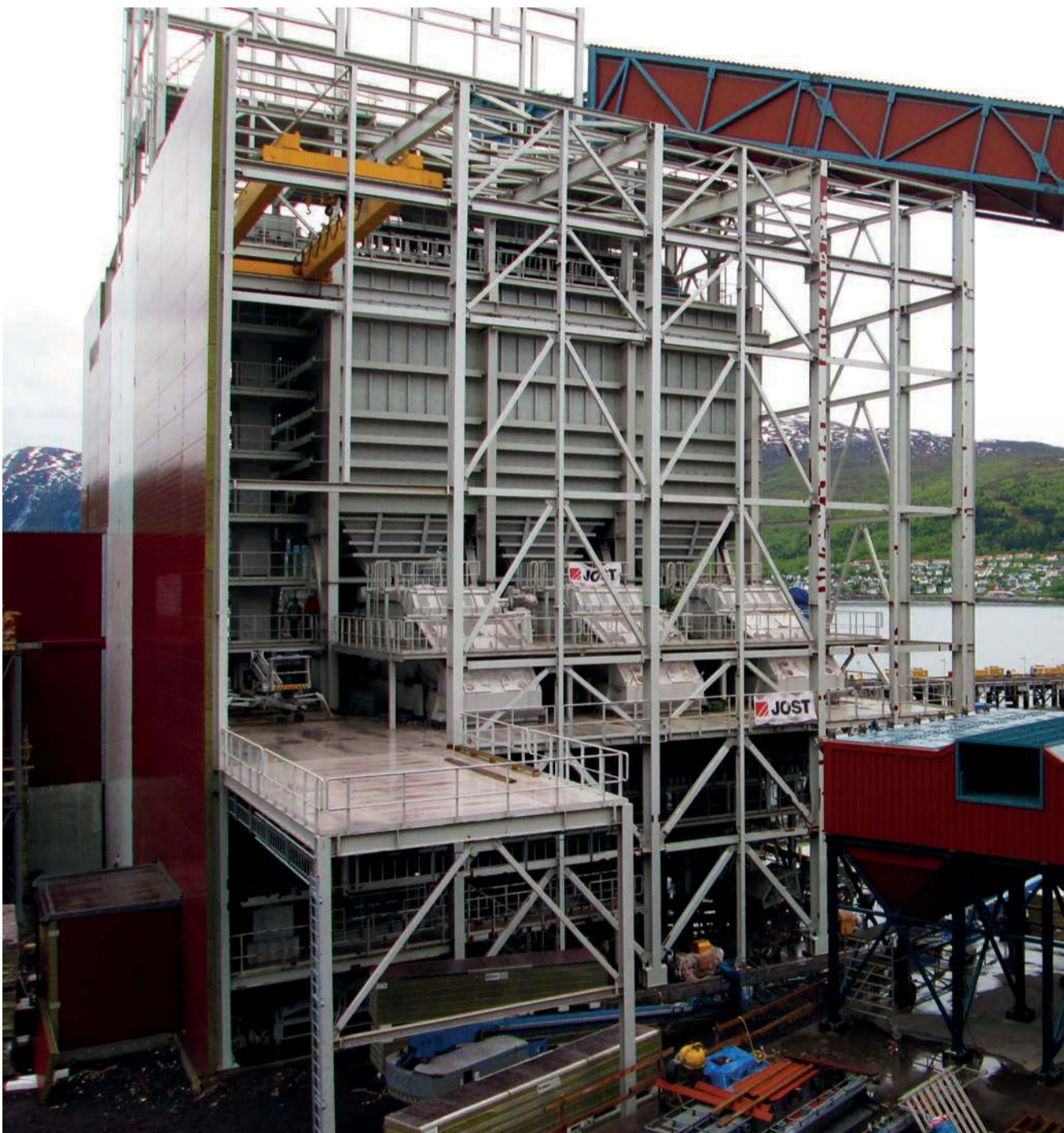
GIFA (Dusseldorf)
June 16 - 20, 2015
Hall 17, Booth D47



METEC (Dusseldorf)
June 16 - 20, 2015
Hall 3, Booth F33

Concentrated Screening Power in a Norwegian Fjord

Scandinavians biggest producer of iron ore puts its trust into JOEST's screening technology. This major project – a turnkey conveyor and screening plant with a total of six screening machines – is scheduled to be put into operation by the end of 2015.



The Dulmen-based producer of special engineering solutions and machines, JOEST, has won its biggest contract in the company's history in 2014 and is thus building a turnkey conveyor and screening plant for a major customer in northern Scandinavia.

The core of the project comprises six giant double deck screening machines - each 9.200mm long and 3.000 mm wide - and a considerable number of belt-conveyors and shredder technique. A supply bunker at the top feeds the screens with a total throughput of 10.000t/h of iron ore pellets.

From the iron ore mine in Kiruna, these pellets are transported by rail to Narvik, which is situated at the altitude of the Lofoten. There, the iron ore pellets are further processed in a new screen house, which comprises more than 1,700 tons of steel. The screened and classified material is then directly loaded onto ships using belt conveyors.

The double-digit million euro contract, contains the complete planning of the installation, the delivery of machinery, the assembly as well as the commissioning, up to the acceptance inspection by the Norwegian end customer.

The delivery via road, rail and sea started as early as September 2014. Commissioning and the start of production are scheduled for the end of 2015.

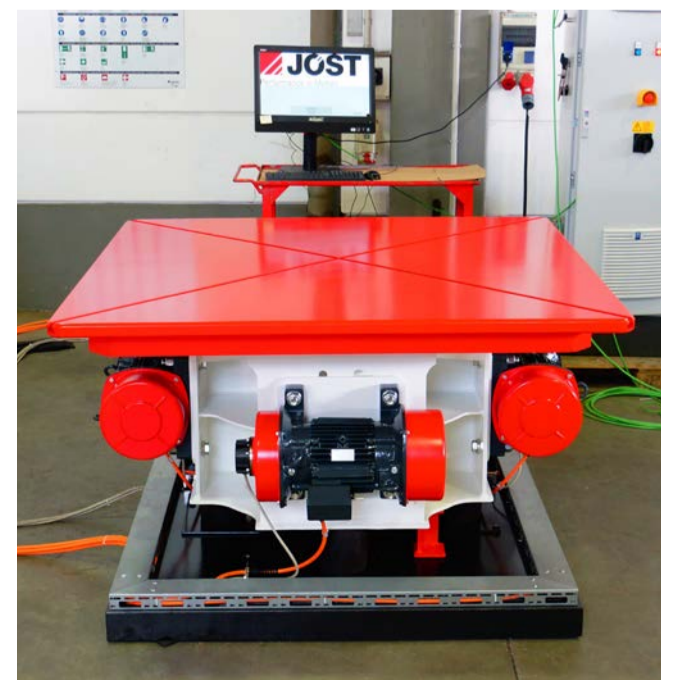
Lost Foam Process

The Lost Foam Process enables the illustration of complex cast part geometrics by using positive styrofoam models.

When filling, the binder-free molding sand must spotlessly and perfectly cover any cavities of the styrofoam part. This also applies to multi-angled cavities.

Due to these complex requirements, the core piece of the Lost Foam Plant is the compaction table. Using common vibration tables is not possible, as they only provide a vertically oriented vibration motion. For the perfect filling of horizontal cavities, a defined, horizontally vibrating motion is required in order to achieve the desired forward-motion of the sand inside the cavity.

As a result, JOEST has developed a special vibration table – the Multi Dimensional Compaction Table. Using several unbalance motors, which are controlled in real time, this vibration table is capable of freely varying the vector on the vibration on the X, Y or Z axis, including angle, frequency and vibration amplitude. A vibration and self-resonance free start up from zero to the desired frequency is also guaranteed.





Zig-Zag Separators and OSCILLA for Scrap Processing

Higher Value Products in the Scrap Industry with JOEST Air Separation and Screening Technology

In recent years there have been significant changes in the global scrap metal market, especially for ASR (Automobile Shredder Residue) products. One of the main driving forces for higher value and cleaner end products is the Chinese “Green Fence” initiative, which requires a better separation and recovery of the different metals in ASR and much less by-products like foam, textiles and fibers which you get when you shred a car.

Beside the important screening technologies like the flip flow screen OSCILLA or the combination screen TOPCILLA, JOEST has established over the last years that it's also leading in Air Separation Technology like Zig-Zags and Air Tables.

The unique JOEST design of the Zig-Zags provides an impressive separation of light particles. One of the challenges are long particles which could get stuck in the Zig-Zag Air Separator or Rotary Gate Valve. A special design of the air separator and the input feeder minimizes this risk.

JOEST delivers a high number of Zig-Zag Separators, feeders, cyclones and blowers to North America improving the entire separation and throughput as part of the downstream separation process. Once more JOEST can prove its technological leadership and advantage of a very wide product range.

DAISY Sorting Systems

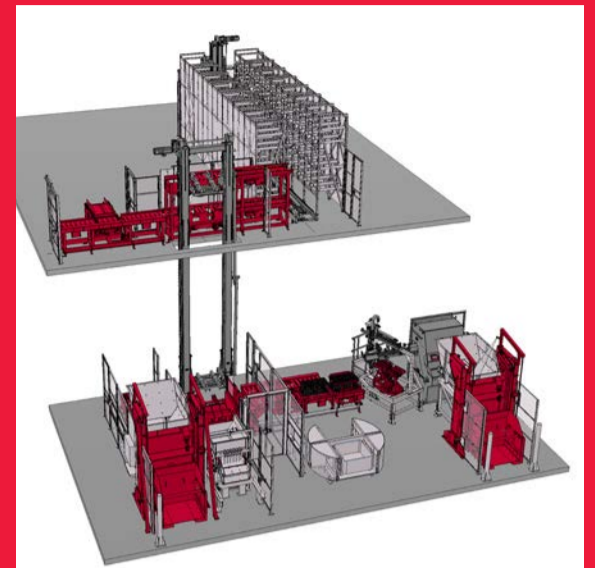
Coins and precious metals end up in municipal waste and are subsequently lost through incineration.



Around 500 million coins of an estimated value totalling €100m can be found in the ashes resulting from incineration within the EU. This fact provides the reason and the motivation to extract the coins from the ashes and to restore their value.

With the new DAISY sorting systems, the lossless retrieval of precious metals and coins from slags of incineration plants and from non-ferrous metals is realized. Flat pieces such as coins, but also disc-shaped metal parts are separated from parts which have a more three-dimensional shape (spheres, cubes etc). The core part of the DAISY sorting system is the patented shape separator, which consists of two conveyor belts and five serially arranged brush-rollers. Depending on the conditions and parameters – coin content, value and throughput – an amortization can be achieved within 5 to 16 months.

The process concept and marketing of the retrieved coins is carried out jointly by JOEST and Gesellschaft für Umwelt- und Energie-Serviceleistungen mbH based in Eigeltingen, Germany, at the national banks or international coin dealers.



DIETERLE – sorts and automates

DIETERLE – a member of the JOEST group has delivered a fully automated facility for the transport of forgings to and from an annealing unit to a renowned German automobile manufacturer.

The conveyor system includes a loading and unloading facility, as well as two shelf units providing space for 60 furnace grates. The plant is constructed in two layers and consists of two MUCKI lifting and tipping devices. These are used to empty the stacking containers into the product bunker and for the return transport of the forgings, which are transported to the stacking containers using magnetic conveyors.

Various roller conveyors, chain conveyors, a shaft separator including a step feeder and a lifting device are also part of the scope of delivery. The furnace grates are stored using a shelf operating unit. The entire plant is shielded with a sound protection cabin to reduce noise pollution. Production already started at the end of May 2015.



The Baton has been passed:

Dr. Marcus Wirtz, aged 45, current General Sales Director of the JOEST group, will be appointed as the new Managing Sales Director in good time for the GIFA trade fair. He will take over from Dr. Christian Fuchs, who held this position for many years. His career started in 2006 with the establishment of JOEST Inc., headquartered in Chicago, USA. With good strategic intuition and lots of entrepreneurial spirit, he built up this young company from scratch and turned it into an important player on the US market. In response to his family's wishes, he moved back to the Muensterland region of Germany. With a great deal of verve and entrepreneurial ideas, he took over as the JOEST group's General Sales Director, a position he held for the last three years. Dr. Christian Fuchs, the new Chairman of the Advisory Board, will surely accompany his successor's development with positive interest and provide support.



Ladder Truck retires early

From the island to the Muensterland: The voluntary fire department's ladder truck, which served the island of Wangerooze well for over 23 years, has now found a new home.

The vehicle became a part of the plant fire department at JOEST GmbH + Co. KG in Dulmen, Germany in May of this year. As one can see from the picture, the vehicle provides valuable assistance beyond fire fighting, such as in repairs and cleaning operations at the main plant in Dulmen. The employees are happy to have found in this vehicle yet another effective work tool which unconventionally complements the application areas of the other hoisting platforms and hydraulic lifts. Luckily, the vehicle has not been needed to extinguish any fires so far.



The „High-Stacker“

At the end of last year, JOEST extended its fleet of forklifts through the addition of a big, electric forklift. The forklift has a lift capacity of 8 tonnes, an overall length of over 4 meters, and it weighs 11.8 tonnes itself. Thanks to its extra-long fork, loading a truck from the side is no longer a problem. By using an electric motor, JOEST ensures an environmentally friendly operation whilst complying with occupational health and safety requirements for using machinery inside production facilities.

New Subsidiary in Brazil for South America

At the beginning of 2015, the JOEST group was expanded to include **JOEST-MAVI Screens Intermediacao de Negocios Ltd**, headquartered in São Paulo, as a subsidiary. As a result, the company can now supply South America and neighboring markets with a comprehensive range of JOEST's latest technologies and solutions - with the know-how from over 95 years of company history with vibrating systems and thousands of installed machines worldwide.

Social Media

Imprint

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