

IMHX 2016
PREVIEW GUIDE

Warehouse & Logistics News



**JUNGHEINRICH INTRALOGISTICS,
YOUR CONNECTION TO A
WORLD OF SOLUTIONS.**

Join us at the IMHX 2016 and discover our full range of Intralogistics Solutions.

Please visit stand 10L61 between 13th and 16th September and learn more about our improvements in safety, efficiency and productivity.
www.jungheinrich.co.uk/IMHX

JUNGHEINRICH
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IMHX 13-16 SEPTEMBER 2016 - IMHX 2016 PREVIEW GUIDE

IMHX 2016

YOUR CONNECTION TO A WORLD OF SOLUTIONS

At IMHX 2016, Jungheinrich will be showcasing and demonstrating the significant customer benefits delivered by its broad range of materials handling products and intralogistics solutions.

With the theme 'Jungheinrich Intralogistics. Your Connection to a World of Solutions,' the company will showcase how leading UK businesses across industries as diverse as manufacturing, warehousing, transportation and logistics, retail and wholesale are boosting operating efficiency and throughput, improving safety, increasing energy savings, reducing total cost of ownership and ramping up productivity thanks to Jungheinrich technology.

This year at IMHX, Jungheinrich will have multiple stands representing different, key areas of focus. In addition to the Jungheinrich main stand there will be the Jungheinrich Used Equipment stand - featuring 5-Star re-manufactured trucks and a live auction for used equipment; the Jungheinrich Intralogistics Solutions stand within the Automated Materials Handling Systems Association (AMHSA) pavilion; and the Apprenticeships and Human Resources stand - to support the skilled workforce needs of the company's rapidly expanding UK operation.

The main stand will feature sections dedicated to specific benefits of the company's range. For example, within the area devoted to Safety, Jungheinrich will be showcasing a number of new technologies and assistance features that improve warehouse safety, help prevent accidents and reduce the cost of damaged goods.

Space on the main stand will also be dedicated to Efficiency. Jungheinrich will highlight how the company is leading the way in improving intralogistics efficiencies with solutions that increase throughput, maximise truck fleet utilisation and optimise the effectiveness of personnel. A great example is the new Jungheinrich easyPILOT on the ECE horizontal order picker which significantly improves picking performance while relieving strain on the driver. The truck automatically moves with the operator and stops as soon as he uses the remote control or reaches a pre-defined destination. As a result, both of the operator's hands are free to focus on order picking while unnecessary and repetitive actions can be avoided - saving time and fatigue. The Jungheinrich easyPILOT can also be seen in the Demo Zone in Hall 11.

Jungheinrich will also focus on its Flexibility by highlighting the company's extensive range of materials handling solutions from entry-level models to the



most complex automated solutions, most of which have broad optional capabilities and can be customised for specific needs.

Live demonstrations of Jungheinrich's state-of-the-art Automated Pallet Mover and the new Very Narrow Aisle EKX 5 Series will be another feature of the show. The EKX 5 is the winner of the 2016 International Forklift Truck of the Year (IFDY) award and visitors will be able to get hands-on experience of it at IMHX.

Jungheinrich is the only logistics systems and materials handling equipment vendor capable of delivering solutions that meet customer needs across the entire intralogistics spectrum - from a single hand pallet truck through to a fully automated turnkey warehouse solution.

"We're very excited about the significant breadth and depth of intralogistics solutions that we are able to show and demonstrate at IMHX 2016," explains Jungheinrich UK Ltd's Managing Director, Jan Lorenz.

He adds: "These solutions increase productivity and efficiency, reduce total cost of ownership and improve safety which, in turn, creates significant value for our customers. We will have a team of product and solution experts on hand

throughout IMHX to provide advice and guidance on how Jungheinrich's solutions can be tailored to any company's unique needs."

There is an area dedicated to Jungheinrich's Integrated Energy Solutions which enable multi-shift operation with no battery change for the lowest energy consumption, a reduced carbon footprint and increased productivity.

Firstly the Jungheinrich 2 shift 1 charge guarantee underlines the efficiency of our electric truck range. Enabling them to work 2 shifts at a time with no interim charge or battery change. Due in part to the latest Jungheinrich

AC motor converts circa 93 percent of energy into power output and reduce energy loss in half.

Secondly Jungheinrich has, also, supplied products with fully integrated Lithium-ion batteries since 2011. At IMHX 2016 Jungheinrich will introduce the first Lithium-ion batteries in the 48 Volt range with 360 and 480 ampere hours. This completely maintenance-free technology - which is capable of short interim charges and delivers high value, a small carbon footprint, fast recharging times and a long battery life, can now be applied to reach trucks and counterbalance forklifts.

"Jungheinrich was the first company to implement and continually refine lithium-ion technology for mass-produced industrial trucks and has continued to build world-leading expertise in transport applications for lithium-ion batteries. This competence has been led by our new, 200 person strong Energy and Drive Systems division near our global headquarters in Hamburg, Germany," said Jan Lorenz, Managing Director of Jungheinrich UK Limited.

High Performance - More time working, less time charging

Jungheinrich's continued innovation is delivering fast recharging times, zero maintenance and a long battery life. This enables permanent fleet operation of up to 24 hours, seven days a week without requiring a battery change. After just 40 minutes of charging time the Jungheinrich high-performance energy cells with 360 Ah achieve 50 percent of their capacity and after just 80 minutes the battery achieves its full charge.

By eliminating battery changes, total cost of ownership is significantly reduced and safety goes up for the fleet operator. Jungheinrich's innovative new Li-ion battery removes the expense of buying a second battery, the cost of battery changing equipment, special charging stations and the time required to perform the battery change. This in turn, reduces workplace accidents during battery changes and eliminates all the traditional maintenance activities attached to lead-acid systems.

For more on Jungheinrich at IMHX 2016 turn to page 24



VISIT JUNGHEINRICH AT IMHX 2016 ON STANDS 10L61 / 12X95 / AM13 / SK4

Diamond Phoenix Automation at IMHX



Diamond Phoenix Automation are one of the industry's leading designers and installers of 'state of the art' automated materials handling systems.

We are exhibiting at IMHX with our partners, Cassioli (www.cassioli.com) for who we are sole agents in the UK and Ireland.

Headquartered in Italy, Cassioli have offices and manufacturing facilities around the world to provide automated handling, storage/picking systems and assembly lines for every kind of industries.

Exhibiting on stand AM1, AMHSA Pavilion, Hall 10 we will have a live demonstration of the latest generation pallet satellite technology which is ideal for high density storage of high volume SKU's and fast efficient handling of pallets.

Other technologies within our portfolio include;

- Stacker cranes (Pallet and mini-load)
- ASRS warehouses (Pallet and mini-load)

- Satellites and shuttle systems (Pallet, carton or plastic boxes, trays.)
- Vertical warehouses (trays and boxes)
- AGV/LGV
- Transportation systems. (Including all types of conveyors, rollers and belts)
- Robotized and test areas
- Picking systems (Full pallet, mixed pallet, full case and each picking)
- Bespoke Equipment
- Management software (WMS, WCS)

On our stand we will also have our system experts on hand to explain the latest technologies and applications and discuss any specific needs you may have.

DIAMOND PHOENIX

Visit Diamond Phoenix Automation at IMHX 2016 on stand AM1 at the AMHSA Pavilion, Hall 10.
www.diamondphoenix.co.uk

AMHSA: the voice of automation at IMHX

IMHX will once again feature a special area for the Automated Material Handling Systems Association, in the form of the AMHSA Pavilion. Located in hall 10, this will be the prime focus for promoting logistics automation at the show.

In its 30th anniversary year, AMHSA will host a series of seminars to inform visitors on various aspects of automated handling and storage. These will take place in the central presentation theatre of the AMHSA Pavilion, surrounded on all sides by members' stands. With over 30 members exhibiting - both in the AMHSA Pavilion and on larger stands around the show - automation will be well represented at IMHX 2016.

Informative 'Meet The Experts' seminars

The AMHSA programme of informative 'Meet The Experts' seminars will be delivered by both guest speakers and members within the AMHSA Pavilion. These short presentations will provide visitors with insightful overviews of key topics in automated logistics such as Industry 4.0, MF1 and the Apprenticeship Levy. After each

seminar, audience members will be able to chat to the speaker and other AMHSA members in an exclusive hospitality area within the AMHSA Pavilion.

AMHSA in the Future Skills Zone

AMHSA will also have a major presence in the Future Skills Zone, located in the crossover area between halls 8 and 9. In a special 'walk-through apprenticeship experience', AMHSA will promote its own apprenticeship scheme, which is offered in conjunction with the car manufacturer, Toyota. Explained Martin Elliott, AMHSA President, "Six AMHSA apprentices will be available to talk to visitors and the zone will also feature four hands-on activities - including 'Rope Board Challenge' and 'Beat the Robot' - that will allow visitors to experience some of the demands they typically face." The AMHSA apprenticeship scheme, now in its second year, enables members to offer a high-quality, four-year programme. The apprentices spend the first two years learning a range of hands-on, high-tech engineering skills at the state-of-the-art Toyota Academy in Burnaston, Derbyshire, and the remaining two years building on this with industry-



Martin Elliott, AMHSA President.

specific skills and knowledge at the premises of the AMHSA member.

Promoting excellence

As the voice of the UK automated handling industry, AMHSA is committed to promoting excellence in terms of solutions, aftersales support, reliability and safety. The association represents over 50 members that between them supply the vast majority of the automated handling equipment purchased in the UK.

AMHSA

Visit AMHSA at IMHX 2016 on Stand SK5 and AMHSA Pavilion (Hall 10).
www.amhsa.co.uk



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