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ACREX
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Bangalore International Exhibition Centre (BIEC)



ACRONEWS

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ISHRAE Partners' Space

Dock Equipment Specialization

Making Roadways into the Indian Market



Mr. Piush Goyal
Managing Director,
Kelley Material Handling Equipment India Pvt Ltd

“Material handling equipment has seen a growth of 10 percent while we have been growing at over 40 percent year-on-year on the back of the healthy expansion of the modern warehousing and e-Commerce sectors”, says Piush Goyal, Managing Director, Kelley Material Handling Equipment India - a wholly owned subsidiary of Kelley Entrematic USA, the world's largest manufacturer of dock levelers. “These sectors along with offline retail, manufacturing, FMCG and the dairy sector present good demand for Kelley India's line up of equipment including HVLS fans, dock levelers, dock doors, vehicle restraints, dock seals, dock shelters and impact resistant overhead doors products.”

“In India, our key challenge was to educate customers about latest technologies such as Lambda beam design, robotically welded chassis, single push button operation, easy clean pit, lug type hinges and high density steel chequered platforms with no joints in our dock leveler. All these and more can enhance productivity and safety, especially when Kelley dock leveler is used in combination with a forklift, as well as boost reliability, operational ease and low maintenance resulting in low life cycle cost,” says Goyal. “Thereafter, we emphasize customer engagement with the Kelley team at the inception stage to ensure the customer installation is right the first time.”

Kelley is witnessing demand grow the fastest for the Kelley High Volume Low Speed (HVLS) fans of size 8' to 24' diameter. A single 24' diameter fan can cover a facility area of up to 30,000 square feet depending upon site conditions, eliminating the need for a large number of wall-mounted

noisy energy-consuming fans. A motor of up to 2hp with the Variable Frequency Drive “VFD” allows the fans to operate almost noiselessly (below 55 dB) and with very low energy consumption levels, according to Goyal. The fan generates a breeze of 2-3 mph that can cause a fall in the perceived temperature by 4 degrees F to 7 degrees F, to keep employees comfortable.”



Partner Preview

Excellence in Thermal And Fire Performance

Newest Offerings from Armacell India

Armacell is a world leader in flexible insulation foams for the equipment insulation market and a leading provider of engineered foams. In 2015, the company with currently approx. 2,900 employees and 24 production plants in 15 countries generated net sales of EUR 540.2 million.

Armacell India Pvt. Ltd. has recently introduced 2 new products in the thermal insulation market viz. Armaflex Alu E and Class 0 Armaflex with Arma-Chek GC colour variants, which offer excellent thermal and fire properties coupled with enhanced aesthetics.

Continued..

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Armaflex® Alu E



Superior Performance Insulation specially designed for the Pharmaceutical Industry

Clean rooms are one of the most demanding applications in pharmaceuticals industry, when it comes to insulation. Hygiene becomes the most important aspect of clean room application. The ducts and pipes are visible and hence need to be easily accessible for cleaning. They also need to be aesthetically appealing, while not retaining any moisture and prohibit any possibility of microbial growth, and of course, conserve energy with minimum heat loss/gain.

High Performance Insulation with Aesthetic covering

The traditional aluminum clad insulation products have always faced an ever-existing problem of ugly dents, wrinkles and pockets. Thanks to the unique surface pattern, the

Armaflex® Alu E cleverly disguises most of the imperfections that may occur during installation. The cladding is embossed with Armaflex® brand to avoid any counterfeiting which also lends an overall premium feel to the cladding. It's highly flexible nature further aids fast and easy installation in technical sections.

Water vapour and humidity are one of the biggest hindrances in enabling thermal insulation. With water vapour diffusion resistance (μ) of 60000, Armaflex® Alu E ensures that the insulating properties are retained in the most adverse conditions. Moreover the surface can be wiped clean effortlessly which helps in keeping the fungi and microbes at bay, another prerequisite of a clean room application.

Insulation with Superior Fire performance

In an unfortunate event of a fire breakout, the last thing anybody would want is propagation of the fire to the other sections of the building. Insulation materials are mostly at the forefront and exposed to fire in its early stage. The responsibility to arrest fire propagation naturally comes to insulation. With compliance to strict norms laid down by Building Regulations, Armaflex® Alu E has a big ace up its sleeve. It passes all the requirements of Class 1 as per BS476 Part 7 for surface spread of flame and Class 0 as per BS476 Part 6 and meets Fire category as per 1991 Building Regulations (England & Wales) and the Building Standards (Scotland) Regulations 1990. Armaflex® Alu E is a non-fibrous, non-itchy, easy-to-clean product. Hence, there is no probability of air contamination due to degradation of the insulation material over a period of time.

Class 0 Armaflex® with Arma-Chek® GC

Economical Pre-covered Armaflex® System for Resistance to Mechanical Impact

Arma-Chek® GC is a flexible, woven glass fibre covering system for long term mechanical protection of mechanical substrates. Class 0 Armaflex® with Arma-Chek® GC prevents condensation, reduces energy losses, prevents scratch / mechanical damage and protects against frost on pipes, air ducts and vessels. It is suitable for hot and cold water services, chilled water lines, heating systems, air conditioning ductwork, refrigerated pipework, process and industrial pipework and equipment.

Arma-Chek® GC is an economical covering system with good resistance to mechanical impact and scratch. The combined system of Arma-Chek® GC along with Armaflex® substrate forms a Class 0 fire performance and is FM approved.

Now available in New Colors!

Arma-Chek® GC covering is now available in 3 new colors viz.

Red, blue and Green in addition to the existing Black and Grey. The new colors not only add to aesthetics but also aids in identification of different pipelines (e.g. hot & cold lines).

Arma-Chek® GC is available in pre-covered sheets and tubes as well as separately as Glass Cloth covering along with accessories. For further details, kindly visit www.armacell.in.



ACRONEWS

Exhibitor Preview

Air Master: The Pioneers of Air Distribution

Safety First

Mr. C. Subramaniam

“ Since 1987, Air Master has been serving the HVAC industry with air-distribution, ventilation and fire safety products. Ever since the brand's inception in the U.A.E with only 15 people on board, Air Master has achieved international quality benchmarks and delivered premium quality products. They currently operate 12 manufacturing facilities across Middle East and India employing a workforce of over 500 personnel.

This year has been another important milestone for Air Master with the launch of UL Classified Fire and Smoke Dampers in India. A new state-of-the-art manufacturing plant was opened in Bangalore dedicated to manufacturing UL products to meet the growing demand in the industry. The factory in Bengaluru has been approved by Underwriter Laboratory U.S.A. with multiple listing code to produce the above dampers. The central location facilitates easy reach and logistic support throughout India for timely delivery to our esteemed customers.

Air Master are the pioneers who introduced air distribution products in India for the first time in 1989 and leading the HVAC industry ever since. The products are engineered to suit special requirements to cater to all the industry needs. Having been the leaders for the last 30 years in delivering quality products in the market, they provide a range of products including Grilles, Diffusers, Dampers, Louvers, VAV's, Attenuators, UL Dampers and many more. They have also been a part of many prestigious projects across India and Middle East including Burj Khalifa and Burj Al Arab, almost all major airports in India and many 5 Star hotels such as Marriott, Hilton, Shangri La, Taj etc. Other plentiful projects are offices, IT and business parks, malls hospitals, universities and industries.

Air Master credits their progressive growth over the years to their commitment to delivery of quality products and an invariable passion for continuous improvement and the dedication of employees. It is believed here that air is the basic need of every individual, and they ensure that it is delivered with all the safety and comfort.

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Exhibitor Preview

SUDE Bangalore

Leading Manufacturers of Motorized Valves & Dampers in INDIA

Mr. Devdas R Shetty
CEO, SUDE Engineering Group



As Bengaluru prepares itself for ACREX 2018 in February next year, it also proudly presents the native SUDE Bangalore, an establishment from 1989 that is a specialist company for automated valves that are used in Process Industries and are also required in all sectors across the world.

Since its foundation by Mr. Devdas R Shetty, the CEO in 1989, SUDE Engineering Group has grown with his vision. Mr. Shetty, a technocrat in the Valve Automation Industry, initially started with smaller automation processes and later evolved as a System Integrator in the Valve Industry along with the manufacturing of Dampers [from the smallest to heavy duty]. Today, they have a SSI unit at Pune, Electrical Actuator under the brand name of Sdtork, also located at Pune and Basis Weight Valve with the brand name of Kris Instrumentation located in Bengaluru.

Success So Far...

- Strong financial track record
- Track record of more than 5 years
- Prompt delivery and after-sales support
- Path-breaking technology at affordable prices
- Approved projects in major Govt. and private sectors

Developing New Technologies

SUDE has developed modern actuators that belong to the fit-and forget type. Besides, they have also introduced Quarter Turn Flame Proof Actuator and it has been supplied to Marine Industries.



There is also the quick opening and closing Scotch and Yoke Pneumatic Actuator with volume booster having Opening Time: 350 mili second, Closing Time: 350 mili seconds.



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Kavita Sharma
Project Director,
ACREX India
NuernbergMesse
India Pvt. Ltd.



Sony Jacob
Marcom Manager
NuernbergMesse India Pvt. Ltd.
marketing@nm-india.com



Apurba Biswas
Marcom Manager
NuernbergMesse India Pvt. Ltd.
apurba.biswas@nm-india.com



Smita Dhall
Editor and Curator
ACRO News

NÜRNBERG MESSE

"German House" 2, Nyaya Marg, Chanakyapuri
New Delhi 110 021, INDIA • T: +91 (0) 11 47 16 88 88

