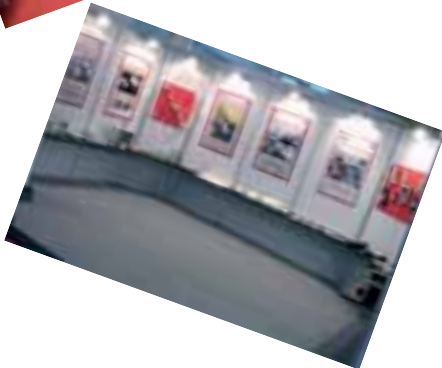


Info-matrix

Volume 1 Issue 3 December 2005

For Private Circulation



This edition of the Info-matrix, sees us at the close of the year 2005, our first full year at Pirangoot, Pune – a year which has been full of overcoming challenges, expanding our horizons, establishing firmly our exports and a growth of 60% over the previous year.



While the last quarter of the year sees us involved in hectic activity to meet our targets, its also the period which is full of festivity, beginning with the Nava-ratra followed by Dussera, the festival of lights Diwali and Christmas at the end of the year. We show images of the celebration of Diwali at our facility.

Two years back, we participated in the ELECRAMA 2004 and on this page we show photographs from our archives of our stall at Eleccrama 2004. We will of course, be present at ELECRAMA 2006 where you can see a range of exciting new products and services we bring to the market. In this edition, we also give write-ups of some of the products that we will be exhibiting at ELECRAMA 2006.

Our expanding market and activities demand more working space so we have initiated work for a new factory building of 1000 sq meters on 19 December 2007. The new facility is scheduled to be commissioned by mid March 2006. Images of the 'ground breaking' ceremony are shown on the last page.

We take this opportunity to thank all our associates for the support and encouragement that we have received and take the opportunity to wish you all success in all your endeavours and good health through 2006.

A handwritten signature in black ink, which appears to read 'R. Shrivastava'.

R Shrivastava
(Managing Director Phoenix Mecano India)

Introducing CombiNorm ICN 55AK and CombiNorm ICN 100AK, now manufactured in India



The CombiNorm Classic 35 mm DIN rail mounting enclosures in popular widths of 55 mm and 100 mm are now manufactured in India. Evidently, consequent to the indigenised manufacture, the 'value for money' of these enclosures will be greatly enhanced.

The CombiNorm Classic enclosures have gained popularity due to ingenious design features – viz,

- With the use of different PCB mounting terminals of the AK range, customer specific PCB variants can be easily mounted in these enclosures.

- The lids are recessed in the front that accept membranes and membrane keyboards.
- The lid and base are snap fitted together and can be opened only with a tool.
- The DIN rail latch can be reversed enabling wall mounting of the enclosure.

Introducing the Rose range of flange enclosures in Polyester and Polycarbonate

Phoenix Mecano introduces to India the extremely flexible flange mounting enclosures, in polyester and polycarbonate. These halogen free enclosures are typically suitable for automation and industrial engineering.

The enclosures are available with the standard opaque lid and also with transparent clear lids. Connection flanges allow two or more enclosures to be combined together - either on two or even all four sides - giving flexibility to make larger system enclosure with configuration of your choice.

Flanges are available as blind flanges or with threaded bosses



Panel mounting enclosure series INGN/INGA, manufactured in India, NOW available in three frame sizes

The INGN series is manufactured from flame resistant Noryl, while the INGA series has ABS as material of construction. The frame sizes, introduced in India are:

In Noryl or in ABS

- INGN 94.. or INGA 94.. – in frame size 48x94,
- INGN 96.. or INGA 96.. – in frame size 96x96
- INGN 98 .. or INGA 98.. – in frame size 98 x98.

Modular construction, allows several depths in each frame, viz., 80, 100, 110, 130 and 165 mm.

Several accessories from the BOPLA range complement the INGN/INGA series. These are:

Aluminium and red translucent front panel, clear flexible rubber hood, IP 65 flexible transparent rubber cover which allow rocker switches or buttons to be operated through the hood, transparent hinged door with knob or key lock, snap on front panel with recess for membranes, and spring clamps.



Enlargement of the Easy-Link® modular conveyour system



The chain conveyor system FL-85 with a 3.25" plastic chain from Rose + Krieger has gained a remarkable popularity on the market. This system is successfully used in different fields: by automotive industry manufactures and their subcontractors, by packaging machines manufacturers (e.g. Mohr-bach), by cigarettes and tobacco manufactures (e.g. Philip Morris) as well as in the food industry (e.g. by Kellogg's and Müller Milch,), in the cosmetic industry (e.g. by Roche) etc.

Rose + Krieger has now introduced two new systems: FL-85VA is a stainless steel variant of the existing FL-85 system with a 3,25" chain, whereas the FL-95 system is fitted with a 7,5" plastic chain. The advantage of all systems is the possibility to create any imaginable conveyor lines: indeed, conveyor tracks can be assembled in horizontal, vertical and diagonal position. Thus resulting in essential advantages for the user: he benefits from one of the largest

product ranges of mechanical engineering and plant construction available worldwide. So, the user cuts his acquisition costs by reducing the number of suppliers. Moreover, he receives a complete, flexible system instead of a large quantity of components.



NEW HEAVY DUTY PROFILES

One year ago Rose + Krieger presented their new heavy duty profiles for the first time, which in the meantime, have been used in manifold applications. These heavy duty profiles with 18 mm slots – are designed to accept M12 slot stones - which resist a traction force greater than 25,000 Newton and have impressive intelligent connection technique. The quick and assembly-friendly press mount connector creates a connection under pressure. The new profiles D-80x80, D-80x240 and D-160x240, of Rose + Krieger are available at short delivery periods from Phoenix Mecano, in India



Rose + Krieger's Blocan® profile system passes with flying colours under highly strenuous test conditions



The commonly held notion is that "whenever machine frames are exposed to heavy loads you'd better give up aluminium profile systems and fall back on the good old steel". But what if steel is out of question?

One of the Rose + Krieger customers "Expert System-technik GmbH in Bielefeld, Germany," manufacturer of leather cutting machinery, was caught in this dilemma. Leather is cut with a water jet process at a pressure of 4000 bars. Such a pressure modifies the molecular structure of water, which becomes highly corrosive. For this reason the engineers of Expert System-technik were looking for a profile system that could cope with these extremely high strain rates.

The solution – frame built from Rose + Krieger's modular Blocan® aluminium profile system, which operating continuously under these tough conditions: met all requirements regarding vibration resistance, precision and protection against corrosion.



Diwali Celebration at Phoenix Mecano

In November, on the occasion of 'Dhan Teras' we had 'Puja' and 'havan' at our facilities. The staff and workmen enthusiastically participated in decorating the premises for the 'festival of lights'. Pictures show the Puja and Havan in progress.



Mr. Amol Gawade, our Finance Manager, sought the blessings of Goddess Lakshmi for a bountiful New Year and is shown performing the 'Chopdi Puja'.

For Diwali, the entrance of our premises was decorated with the traditional Rangoli drawn



by Archana, from our Customer Support department.

Other pictures show the winner of the Rangoli competition, Rekha, preparing her entry and the judges making their decision.



Welcome

Mr. R. R. Poundarik, joined us on December 12, 2005. Mr. Poundarik, brings with him a rich experience of 32 years and will head the enclosure division. While welcoming him to the Phoenix family we wish him all success in his assignment.



Commencement of work for new factory shed

On 19 December, we broke ground for our new factory shed with a prayer that the new facility is blessed with peace, prosperity and remains free from accident and of evil influences, we worshiped the tools of construction.



It is anticipated that the new shed will be ready by end March 2006.

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