

Info-matrix

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For Private Circulation



In the year 2004, Phoenix Mecano (India) registered two important milestones – completion of a decade of operations in India and the inauguration of its state of the art factory at Pirangut, Pune.

During the decade 1995-2004, Phoenix Mecano (India) introduced the complete range of advance-design and aesthetically pleasing enclosures of Rose and Bopla, the no machine-no weld Blocan Aluminium profile system and the wide range of Dewert linear actuators.

Apart from bringing into India these exciting products of the Phoenix Mecano, it also started manufacturing a select range of these products in India.

Acceptance of Phoenix Mecano products and the growth of Phoenix Mecano (India) has been possible by the continuous support of our business partners. To enable our business partners to have up-to date information of our growing activity we introduce this News-letter. The information in this news-letter is a synopsis of the products and events at Phoenix Mecano India.

For more details do look up our site www.pmipl-online.com or contact us on phone 020-22929203 or mail us at admin@pmipl-online.com.

R Shrivastava
(Managing Director Phoenix Mecano India)



News from Phoenix

New Products

Phoenix Mecano (India) introduces "K-1 Series Profile"



The K-1 series profile introduced by Phoenix Mecano (India), is specially designed for constructing door frames for applications requiring positive seal between the door and main frame with fixing of transparent surface element.

The elegant K-1 profile has a cross section of just 32mm x 16 mm which is space saving and ensures maximum visible area through the door.

In addition, a set of accessories for the K series profiles, enable complete systems solution.



Available accessories:

- K-1G gasket for clamping surface elements (also in food grade silicon rubber)
- K-1S door seal to ensure a positive seal between doors or between doors and frame.
- K-1E end cover
- K-1C cover profile rubber)

Discover New Dimensions with RK Rose + Krieger's "D Series Profiles"



- Aluminium profiles with very high bending and torsion resistance.
- Profiles sizes – D-80x160, D-160x160, D-160x320.
- High load bearing screw connection that can be disassembled at any time, thanks to the special press mount connector - no machining of the profile is needed.
- Slot width 18 mm suitable for DIN slot stones.
- Applications: gantry systems, crane manufacturing, machine frames, carriers for linear units etc.

New from RK Rose + Krieger 'U'- profile seal for surface elements

Fulfilling a long standing demand, RK Rose + Krieger introduces a 'U' shaped profile seal for clamping surface elements (5 to 6 mm thick) to the standard S30, S40 Blocan R profiles as well as all multiples of the S30 and S40 profiles.



Versatile "CombiNorm Control" from BOLPLA



Versatile and compact, the CombiNorm Control series, built from polycarbonate, is designed to hold double pole PCB connectors. Intelligently positioned grooves allow flexibility, as per design needs, to fit the PCB either horizontally or vertically.

The CombinormControl series of enclosures is available in three widths 17.5mm, 35mm and 70 mm, and in the maximum width can hold up to 16 double pole terminals.

Accessories available include:

- Light guards for LED height 1.5 mm and PCB thickness of 1mm.,
- Covers for sealing unused terminal sockets,
- Adjustment axles for coding switches
- Connecting terminals.



**BOPLA introduces BOCARD
New concept for applications in
measurement, control, display and
data logging.**

BOPLA introduces the BOCARD enclosure system available in 3 basic sizes.

In each size, the base is available in two heights which can be combined with four different lid variants, thus ensuring that the BOCARD enclosure system extends over an extremely wide range of applications.

An integral part of the BOCARD design is a variable terminal compartment, made possible by use of dividing panels, thus enabling separation of the terminal compartment from the electronics.

Ingress protection to IP 65 is available



with use of transparent hinged lid or the membrane lid. Other configurations provide protection to IP 40.

The enclosure finds use as enclosure for equipment in measurement, electro-medical, telecommunication, and variety of automatic control technologies.

**EDC Console from
Phoenix Mecano (India)**

Based on BOPLA Ultrapult series the EDC is the first design of the BOPLA range to be Indigenised. The EDC console type desk mounting enclosure, is available both with and without ventilation. Bosses to accept self tapping screws allow for horizontal mounting of PCB while grooves at two sides accept vertical mounting of PCB. Material of construction is ABS and available colours are light gray similar to RAL 7035 or dark gray similar to RAL 7001.



Accessories available are

- Back plate available with or without built in cable entry grommet.
- Front cover plate available in aluminium – can be machined to accept display openings and for flush mounting of membrane keyboards.
- Strain free cable holder.

**Dewert introduces the new
'Megamat -2' drive**

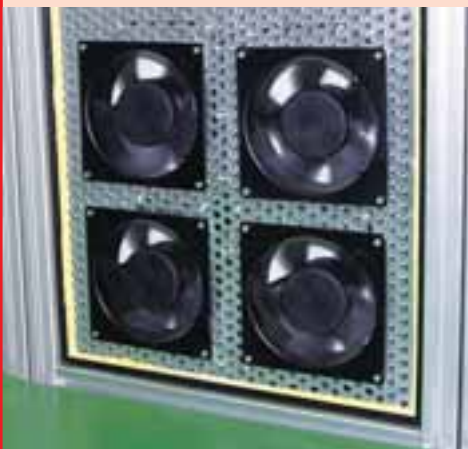
- Compact with shorter installation length than the standard Megamat drive.
- Protection - Minimum IP44 and maximum IP66.
- Improved aesthetics with anodised stroke pipe.
- A strong GQR (Quick release) system.

The Megamat – 2 drive is now available ex-stock at Phoenix Mecano, in India.



Product Applications

Antistatic workstation with ventilation, for assembly of electronic products



- Work-station fitted with antistatic matt duly wired to ensure continuity of every joint and provided with earth studs to ensure work station ESD safe working.
- Independent earths for ESD surfaces and electrical instruments.
- Stainless steel mesh fitted with exhaust fans for evacuating heat generated by test equipment or software loading machines.
- High quality table tops fabricated on German machines; untouched by carpenters.
- Customer specific configurations thanks to the modular Blocan R profile assembly system with ergonomic placement of assembly components and tools.

Typical Applications to cater

- Assembly of electronic apparatus incorporating sensitive modules
- Assembly line for mobile phones
- Assembly of testing instruments
- Repair center for electronics products
- Assembly shops for assembly of electronic or consumer electronic products.



Wire mesh partitioning system

- Made of F40x 40 profile and the hidden bracket connection as the building block
- Wide choice of aluminum and MS fabricated grills
- In standard frames of size of 1.2M (W) x 2M (HT).
- Standard module of 1.2M(W)x 2.0M (Ht).
- Choice of finish - natural anodised, powder coated or polymer resin coating.
- Standard modules available ex-stock, special sizes available in short delivery of a week.



IP 65 Push button stations

Rose standard enclosures in ABS, Polycarbonate and aluminium with IP 65 protection category are ideal for building pushbutton stations. Phoenix Mecano (India) now makes offers ready machined or even complete machined push button housings.



Available combinations are :

- single push button housings in ABS/Aluminium/ Polycarbonate
- two push button housings in ABS//Polycarbonate
- two or three button housings with display unit or voltmeter or ammeter in ABS/Aluminium/ Polycarbonate
- Three button push button housings button housings in ABS/Aluminium/Polycarbonate

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Exports

Phoenix Mecano (India) exports to ROSE, Germany.

Carrying coal to New Castle – well almost, Phoenix Mecano (India) has begun exports of ROSE standard aluminium enclosure lid and base in five sizes to ROSE at Porta Westfalica, Germany.

Sizes exported are:

- 80x 82x 56 mm
- 120x220x 80 mm
- 160x260x 90 mm
- 160x360x 90 mm
- 220x200x110 mm

At present the exports are at one container a month but by December 2005 are expected to rise to two containers a month valued at Rupees twenty five lakhs.



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