Plastiscope

Bry Air Displays Its Latest Products

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the flexible production needs for 125ml to 5000ml HDPE containers offering the best return on investment in terms of capital/machine utilization/energy consumption. Small foot print, low maintenance costs, tooling simplicity make the machine perfectly suited for small to medium (single shuttle) and medium to large (double shuttle) size users at extremely affordable costs. The machine model is capable to run LDPE-HDPE-PP with clarifying agent in mono or bi-layer including window stripe. The machines to be produced by Lohia Starlinger Limited will be sold globally supported by the worldwide network of Techne & Lohia.

The machine building experience of Lohia Starlinger Limited supported by state-of-art manufacturing infrastructure combining with the leading Extrusion Blow molding technology of Techne Technipack Engineering Italia S.p.A. will mean competitive cost for the increasing complex & sophisticated packaging requirements.

BASF INDIA GARNERS ACCOLADES AT PLASTINDIA 2009

- RECOGNIZED AS THE OUTSTANDING STALL WINNER IN THE "LARGE" CATEGORY

BASF was graced with the title of "Outstanding Stall Winner" in the 'Large" category on Sunday, 8th February 2009 during Plastindia 2009.

Mr. Prasad Chandran, Chairman, BASF Group in India and Head South Asia said, "We are extremely delighted to receive this award and would like to thank the PlastIndia Foundation for acknowledging the efforts undertaken by the BASF team".

He further added, "At the event, BASF displayed many innovations from the fields of engineering plastics, specialty plastics and foams, plasticizers, performance chemicals for coatings and plastics, styrenics and co-polymers. These innovations contribute to greater eco-efficiency, safety and cost efficiency for BASF's customer industries. Being recognized for good work on such a large-scale industry platform brings great joy and boosts employee morale."

STEER BAGS MOST INNOVATIVE PLASTICS PROCESSING MACHINERY & ANCILLARY EQUIPMENT AWARD AT PLASTINDIA 2009

Steer Engineering, the leading provider of knowledge based services and solutions to the Polymer Compounding Industry announced that they have been awarded the most Innovative Plastics Processing Machinery & Ancillary Equipment award" for their "Co-Rotating Twin Screw Extruder, Omega 40 H Class", a next generation extruder at the Plastindia 2009 in New Delhi. Omega 40 H makes highly specialized, high performance and cost effective plastics with great ease.

STEER Engineering Launches Twin-Screw Extruder ALPHA 40 S For Plastic Industry

The extruder is conceptualized and designed out of India for the needs of fast changing market requirements of emerging economies.

"ALPHA 40 S is the culmination of efforts by STEER Engineering to enable the tremendous growth in the plastic industry across the emerging economies globally.

The entire Extruder Processing Zone (EPZ) is based on the modular design concept. All the barrels can be de-assembled by means of the special quick clamp system. The screw shafts have been designed with split construction comprising of a safety shaft and adapter and the Continua(TM) splined shaft. Continua Spline avoids stress concentration in both Screw Shafts and Screw Elements, thereby increasing torque carrying capacity.

BRY-AIR DISPLAYS ITS LATEST PRODUCTS RANGE AT PLASTINDIA 2009 BRY-AIR, ONLY COMPANY IN INDIA TO MANUFACTURE AND EXPORT THIS TECHNOLOGY

- **Honeycomb Resin Dryer – BHD Series**
- **Conveying System – BCS Series**
- **Mould Dehumidification System – MDS Series**

The New Honeycomb Technology Bry-Air Resin Dryers With Bry-Wheel – BHD Series

*** A major Breakthrough in Resin Drying**

*** Energy Consumption Slashed by upto 25%**

The new Bry-Air Resin Dryer with Bry Wheel is the next level in resin drying. The Bry-Air Resin Dryer with Bry Wheel ensures you have a much better control over dew point and temperature. Bry-Air Resin Dryers incorporate the Bry Wheel desiccant rotor specially crafted for very low dew point upto (-) 65°C.

The powder coated, CNC fabricated line is light weight, simple and easy to operate and more energy efficient. The dryer is mounted on sturdy frame with slide out side panels for problem free maintenance.

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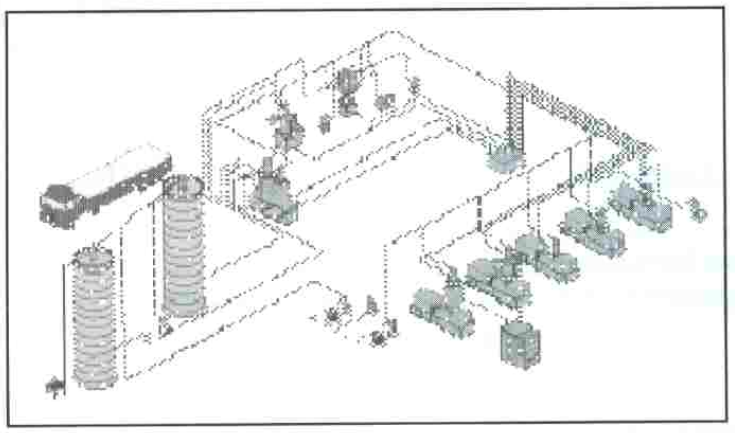
The New Bry-Air Conveying System – BCS Series



Bry-Air Conveying System automates resin conveying reducing down time and increasing up time, thus, reducing costs and improving competitive edge.

No spillage, thus clean, accident free shop floor, ensuring to material wastage.

Right material for the right machine at the right time … Allows quick change over of material, thus, ensuring continuous feed of material.

Various Conveying System requirements can be catered to . . . .

- Conveying and mixing of regrind material with virgin material automatically
- Purging or cleaning the material line at the end of every conveying cycle incase of conveying dried material
- Conveying the material with dry air.

Dry, quality compressed air is an absolute must for PET blow moulding process.

DelPet Compressed Air

Delpet Compressed Air Dryers are specialty designed for PET Bottles manufacturing process Compressed air is used to blow the bottles / containers to the shape and size.

- o Delpet delivers dry, clean, oil – free, compressed air at elevated pressure of 7 to 40 bar for :
- o Crystal clear PET Bottles / Containers without internal Bubbles / Pockmarks
- o High strength PET Bottles / Containers.
- o Contaminations free PET Resin

PLASTIC POWER

Producing energy from plastics could be a crucial weapon in the EU's quest to reduce levels of waste going to landfill. New EU legislation, in the form of the waste framework directive (WFD), is aiming to tighten up rules on waste management to ensure that there is more prevention of waste. A major difference that has emerged between the plastics industry and politicians is that the MEPs want to give absolute priority to recycling. The plastics sector, on the other hand, is looking for a balance between recycling and energy recovery. This would mean that as much as possible of the waste that cannot be mechanically recycled is turned into energy or even into polymer feedstocks.

The legislation is due to be finally approved later this year by the Council of Ministers, representing the governments of the EU's 27 member states, and the European Parliament. The council has already reached agreement on a common position on the content of the directive. Parliament is scheduled to vote on the legislation in a second reading by the end of June.

The directive aims to clarify and define what is waste, recycling, recovery and disposal. It attempts to make a clear distinction between recovery and disposal. As a result, the use of landfill, which is regarded as excluding any attempt at recovery, will become a last resort.

The plastics industry reckons that high levels of recovery of waste can be reached by exploiting the energy content of plastics. In 2006, nearly 20 per cent of plastics was recycled into other products or materials while 30 per cent or 7.4mt was recovered as energy, according to Plastics Europe, the industry body representing polymer producers. This 30 per cent of plastics is theoretically capable of generating nine gigawatts of energy, Plastics Europe says. This is the equivalent of nine large power stations working at 100 per cent efficiency with co-generated power and steam.

Energy recovery is seen by the plastics industry, as well as by much of the waste management sector, as crucial to finding environmentally positive ways of dealing with recycled mixed municipal solid waste.

Currently, less than 40 per cent of EU municipal waste is recycled while nearly half is landfilled and less than a fifth is recovered for energy through incineration.

'Plastics have a high calorific value close of that of gasoline or diesel and much higher than coal or wood', explains Jan-Erik Johansson, Plastics Europe regional Director for North Europe. 'Plastics accounting for 10 per cent by weight of a mixed waste stream can make up 30 per cent of its calorific value.

If amounts of waste going into landfill are to be drastically reduced – which is one aim of the directive – energy recovery appears to be the obvious major alternatives in the longer term, the plastics industry would like the use of gasification and/or pyrolysis processes so that mixed waste with plastics content can be turned into chemical feedstocks for manufacturing polymers and other products, or into electricity or fuels. Gasification transforms the waste into syngas,

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