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Ashok Industries



Multi Layer & Monolayer Extrusion Plant

Mono Layer Film Plant

Screw Diameter : 32, 40, 45, 55 mm
Layflat : 127 mm to 1100mm
Out Put : 40 kg to 100 kg



Multi Layer Extrusion Film Plant Three Layer

Screw Diameter : 40, 45, 55
(Three Layer)
Layflat : 600-1700mm
Out Put : 100kg to 200kg

Application of HM-HDPE, LD, LLDPE Films

- > Vest Bags (Zabla)
- > Heavy Duty Bags
- > Shopping Bags
- > Refus Bags
- > Liners
- > Textile & Garments



Special Feature

- > Gas Nitritded Screw and Barrel > Helical Gear Box Spiral Die > Ac drive for extruder and Take Up
- > Surface Winder > Film embosing (RimZim) > Arrangement > High Output
- > Low power consumption > Space saving compact model > Improved efficiency
- > Cold Star Preventer > Alarm for failur of machine

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Agloopen



Nylon Extruder Lums (Vent)



Pet bottle Grinder - 18 Inch



Nylon Extruder Lums



Rafia Grinder



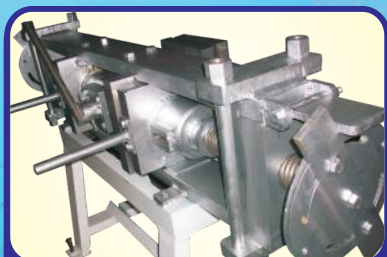
Rafia Article Washing



Nylon Extruder Lums (Vent)



Aglo



Double Head Die



Pett Bottle Grinder Open
- 18 Inch

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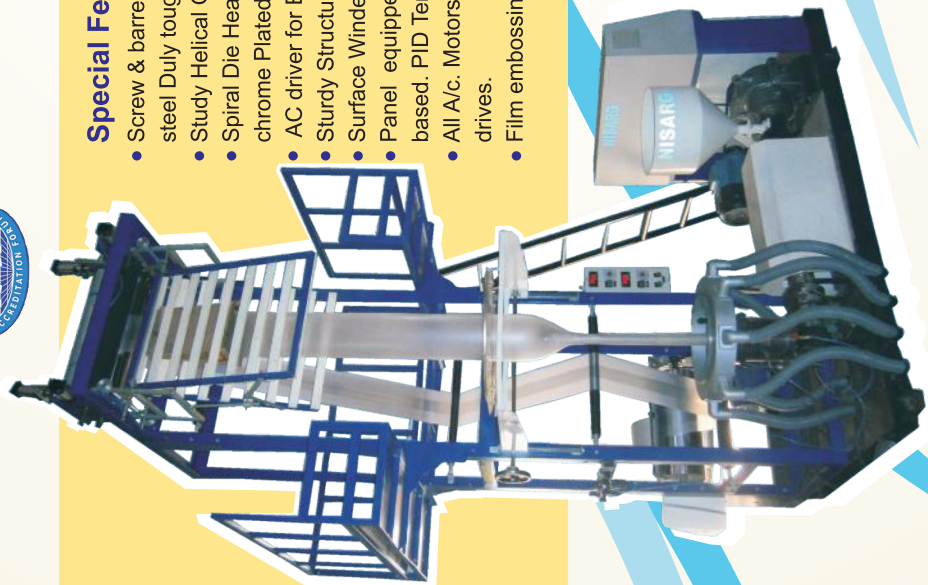


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Special Features

- Screw & barrel made from EN-41B Alloy steel Duly toughened & gas nitreated.
- Study Helical Gear box
- Spiral Die Head duly polished and Hard chrome Plated.
- AC driver for Extruder and Take-up.
- Sturdy Structural Construction
- Surface Winder
- Panel equipped with Micro Processor based. PID Temperature controllers.
- All A/c. Motors with A/c. Frequency drives.
- Film embossing (RimZim) arrangement.



SPECIFICATION OF HM/HDPE/LDP/LLDP COMPACT BLOWN FILM PLANT

MODEL	UNIT	NE-35	NE-40	NE-45	NE-55	NE-65
Screw Dia	mm	35	40	45	55	65
L/D Ratio		27.1	27.1	27.1	30.1	30.1
Nip Roller Size	mm	500	650	800	1065	1525
Width of Lay Flat	mm	450	600	750	1000	1400
Main Motor	kw	5.5	7.5	11	18	22.5
Take up Motor	kw	0.75	0.75	0.75	0.75	1.5
Out Put. Max	kg./ph	30	42	55	80	100
Gear Box.		Helical	Helical	Helical	Helical	Helical
Die Head		Spiral	Spiral	Spiral	Spiral	Spiral
Die Lip Size	mm	HM-50/LD-75	HM-65 /LD-150	HM-75/LD-150	HM-100/LD-200	HM-150/LD-350
Air Cooling Ring		Single Station	Single Lip	Single Lip	Single Lip	Single Lip
Filter		Candle	Candle	Candle	Candle	Candle
Winder	Surface	Single Station	Single Station	Single Station	Two Station	Two Station
Winder Motor	kw	0.33	0.33	0.75	0.75+0.75	1.5+1.5
Air Blower	kw	0.75	1.5	1.5	2.2	3.75
Space Req'd. (LxWxH)	Feet	6x4x10	7x4x11	8x5x13	8x5x15	8x5x16
Heating Zone		5+1	5+1	6+1	6+1	7+1
Connecting Total Load	kw	16.5	20	28.5	38	46



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RAJOO

EXCELLENCE IN EXTRUSION

PIPE MANUFACTURERS CONVERGE AT INDIA'S FIRST EVER MULTIPRODUCT OPEN HOUSE OF RAJOO

The success of this pioneering initiative emphasises the company's belief in innovation; be it innovation in product, innovation in technology or as in this case, innovation in approach.

Unprecedented response to a unique event and that too in Rajkot! Over 180 professionals representing 90-plus companies PAN India, witnessed this revolution powered by Rajoo and Bausano. It was an event like never before as visitors were treated to something that was magnanimous in display ... live demonstrations of a range of machines that redefine manufacturing of high performance pipes. As expected, the star performer of the show was the Twin Screw CPVC Pipe Plant running at 130kg/hr, pipe OD of 28.6mm, pipe thickness of 2.12mm. Most visitors have not been an eyewitness to such a spectacle – a working CPVC Pipe Plant that too which started from scratch just in under 5 minutes with less than 4 kg scrap. Overriding another hurdle, Rajoo successfully showcased its own and indigenous raw material compound for the CPVC machine. Standing tall, Rajoo Engineers is the first Indian company to successfully demonstrate a CPVC pipe machine in an Open House.



Twin Screw PVC Pipe Plant enthralled the audience when it was being operated at a capacity of 1000 kg/hr, never before seen in India. The pipe OD was 400mm and wall thickness of 16.2mm. This high output plant will now be shipped to Africa. With this open-house, Rajoo marked its strong penetration into the market of Drip Irrigation pipe plants. The demonstrated line was running at 170kg/hr with a line speed of 80 MPM, 200 dripper insertions/min, with the wall thickness being 0.7 mm.



The infrastructure, capabilities and expertise harbored by Rajoo overawed the audience; the Shree Yantralaya with its tooling and precision machining impressed one and all, clearly highlighting the Rajoo approach of 'global in quality' and 'at affordable prices'.



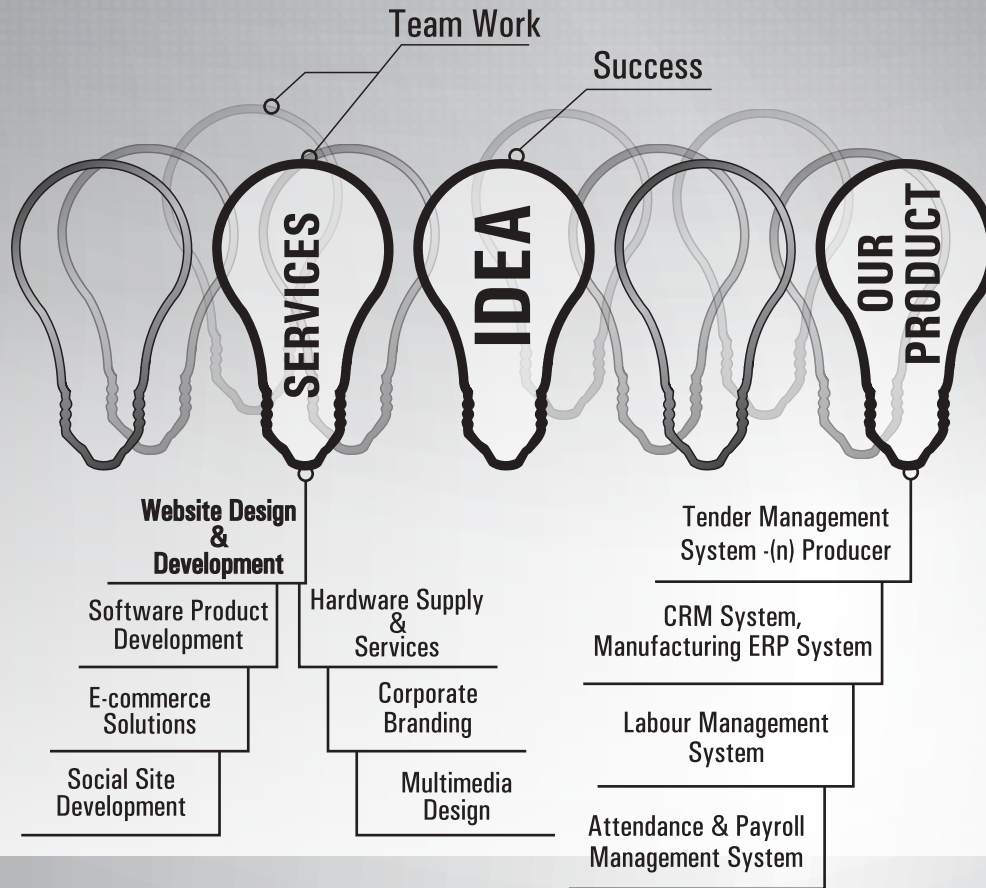
The success of this pioneering initiative emphasises the company's belief in innovation; be it innovation in product, innovation in technology or as in this case, innovation in approach. The untimely demise of its Chairman, Shri C. N. Doshi has stirred the group to further raise the bar of performance and to establish itself as a highly professionally managed organisation. With the success of this event, Rajoo pays a tribute to its mentor.

About Rajoo

Based in Rajkot, Rajoo Engineers Limited, having made a modest beginning in 1986, has today emerged as an undisputed global player in blown film, sheet (both solid and foam) extrusion lines, thermoformers and non-woven fabric manufacturing machines. PVC/CPVC Pipe and Drip irrigation pipe manufacturing machines are the latest addition to the portfolio. Owing to its focused efforts in the Company enjoys premium market position in this segment. Being a technology driven Company, product innovations, world-class quality, state-of-the-art workmanship, increased energy efficiency and high levels of sophistication and automation have become the hallmark of Rajoo products during all these years, positioning the Company's products on a global platform, competing with the established world leaders. With representations in many countries of the world and customers in over 52 countries, the Company's exports have multiplied after its;

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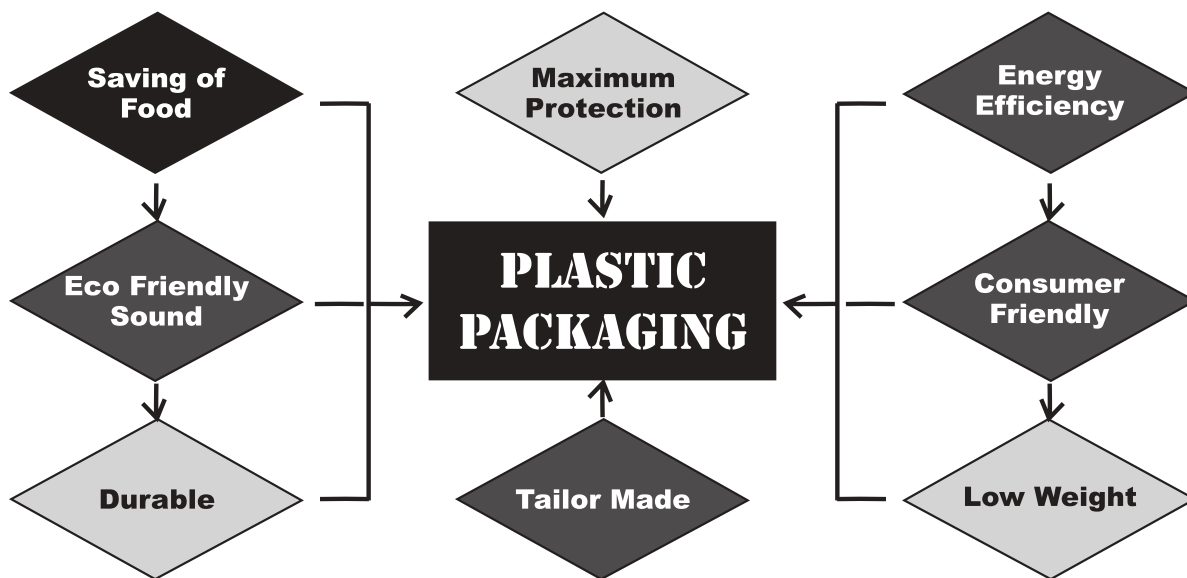
Can be composted into manure.



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Publisher :
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Editor in Chief
DINESH J SHAH

Marketing Team
Rajkot :- Vanraj Kuvadia
(M) 9925248830

Surat : Ali Mohmed Patel
(M) 9825236110

Graphic Designer
Ms. S. Revati

Owner, Printer,
Publisher & Editor

DINESH J SHAH
303 - Sunsilk Apartment,
B/h Dinesh Mill,
Nr. Verai Mata Temple,
Patel Colony,
Vadodara - 390 007,
Gujarat, India.
Phone : (M) +91 93273 44559
+91 8264233414
Email : plasticudyog@gmail.com
info@plasticudyog.com

PlasticTomorrow

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Plastic Tomorrow is the most trusted source for information about the Plastic Industry. We are providing two different types of media like Print & Online (www.plasticudyog.com) for our reliable users.

Our goal is to provide right information for plastic industrial Products, Corporate places and Events. They help to take right decisions for our products.

In Present, information is most important for to take our right decision. Generally we are suffering because of insufficient knowledge or guideline to plastic usage. Plastic can be recycled .Day to day usage of Plastic products are increasing in the world. In India consumption of plastic usages is very low compare to other countries.

We are pleased to announce update magazine with better contents, information of all members with their complete details and useful information for plastics industries.

We are thankful to our media persons, technical persons and of course the corporate giants in plastic segment for either directly or indirectly supporting our publication division for launching and reach out to the maximum number of individual readers.

Dinesh Shah.

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Per capita plastic consumption in Gulf 8 times that of India

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The per capita consumption of plastics in the oil-rich Gulf region has crossed 39 kg, which is 33 per cent higher than the world average and almost eight times more than that of India.

"Plastics consumption in the Middle East is rapidly increasing. Events like FIFA World Cup Doha 2022 are boosting this consumption" Satish Khanna, General Manager of organiser Al Fajer Information & Services, said.

"Plastics are also used heavily in infrastructure and this explains the rapidly increasing consumption amongst individuals and corporates alike." Plastics and petrochemical companies in the GCC (Gulf Cooperation Council) are equipping their factories with the latest technologies and machineries to increase their production capacities. This is where these multi-billion deals at the show were generated," Khanna said at the conclusion of

'Arabplast 2013', that ended here yesterday.

Plastics are being produced domestically due to high availability of petrochemical raw materials in the Gulf Cooperation Council (GCC). GCC comprises of Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and the UAE as its members.

In North America, per capita consumption of plastics is 90 kg, in West Europe it is 65 kg, 10 kg in Eastern Europe, 12 kg in China, 5 kg in India, 10 kg in South-East Asia and 18 kg in Latin America, he said.

"The Gulf States command an 11 per cent share of the \$600-billion global petrochemical industry. The Gulf States could develop a domestic market for consuming their petrochemicals instead of exporting it to almost all other countries in the world," Khanna said.



JAS-ANZ

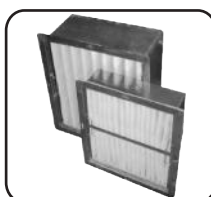


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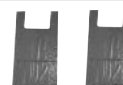


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Polymer Products for International Distribution



These trading companies are essential in finding the raw materials at a fair price and getting them delivered in a timely manner.

How essential are polymers? Well, let's look at just a small sample of the finished products

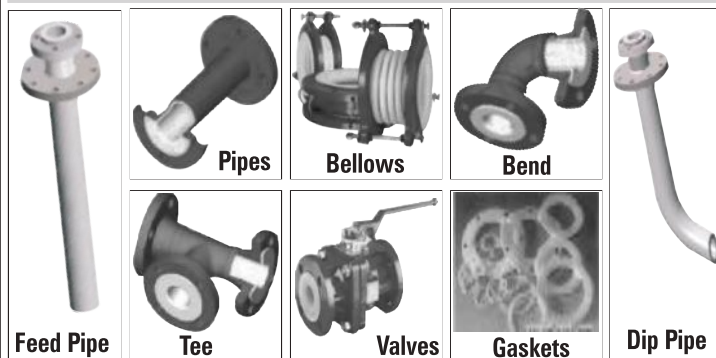
Polymers have become the raw materials for a vast array of products throughout the world. The buying, selling, distribution, brokerage, and trading of these raw materials has become an industry of great importance to the manufacturers of plastic products.



Common Polymer Products in the World

- ◆ Styrofoam, Takeout Containers, DVD cases, Packing Peanuts (Polystyrene)
- ◆ Plastic Jars, Milk Containers, Toys, Trash Can Liners, Agricultural Film, Crates, Pails, Caps & Closures (Polyethylene)
- ◆ Wine Corks, Shoe Soles, Solar Panels, Signage (Ethylene Vinyl Acetate / EVA)
- ◆ Upholstery, Patio Furniture, Carpet Backing, Housewares (Polypropylene)
- ◆ Eyeglasses, Computer Cases, Toys, Discs, Water Bottles (Polycarbonate)
- ◆ PVC Pipes, Credit Cards, Floor Tiles, Signs and Banners, Shoes (Polyvinyl Chloride / PVC)
- ◆ Barrier Films, Soft Drink Bottles, Carpets (Polyethylene Terephthalate / PET)

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WORLD ENVIRONMENT DAY

RALLY VADODARA - 2013

5th June of Every Year which is called as **WORLD ENVIRONMENT DAY** & on this day VNM TV arranging Environment day Rally every year. This time also We plastic processors of Gujarat association were co-sponsors on this day



VCCI President - Aviben Sabavala

The main Intension of the Environment day rally from plastic industries is "To guide the all citizens, for awareness regarding waste management, how to segregate and dispose waste & how you keep your city clean." In abroad all citizens are habituated, in sense of how to dispose the waste properly and also law from their government is strict for not to thrown away any type of waste on road side.

Our mission for participating in the rally is save trees and environment also.



PLASTIC PROCESSORS (GUJ.) ASSOCIATION
VADODARA

President - Jaykant Nanavati

In rally many schools educational institutes, cyclist association, many different association like PPG, IPI, VCCI, Halol plastic manufacturers association, Sardar estate GIDC were taken part. From plastic association so many units were joining in rally. MP, Mayor, Corporator, opposition leaders also taken part in rally.



WORLD ENVIRONMENT DAY

RALLY VADODARA - 2013



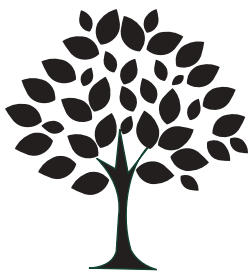
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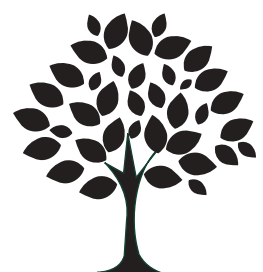
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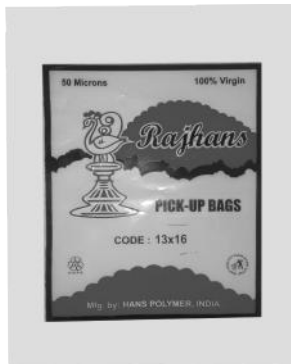
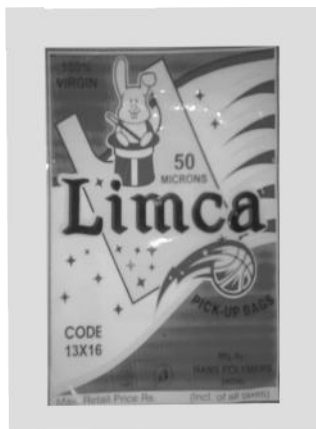


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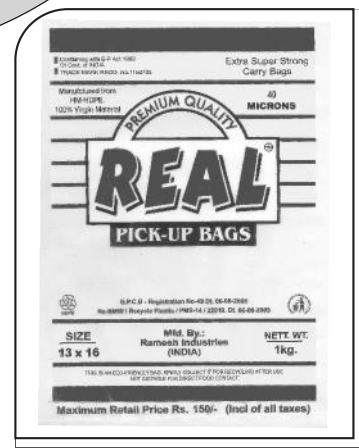
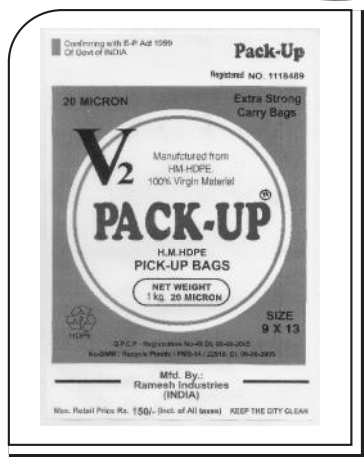
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Goa cement company to use plastic waste as fuel

Goa State Pollution Control Board today signed a memorandum of understanding with a cement company to use the plastic waste generated across the State, as fuel for its manufacturing plant. Vasavdatta Cement, a company with its plant in Karnataka, will procure the plastic waste collected by the State agencies and village panchayats from Goa.

State Environment Minister Alina Saldanha, after signing the MoU today, said that the plastic waste collected from the highways and other internal roads would be baled before being handed over to the cement company. Goa State Infrastructure Development Corporation, a state run agency, has already taken up the task of collecting garbage from the highways, while village panchayats would be asked to clean up their roads.

GSPCB Chairman Jose Manuel Noronha said that 150 tonnes of garbage is already collected from the roadsides.

"Two baling machines have already been installed one each in North and South Goa to treat the plastic before handing it over to the cement company," he said. "The State requires six such machines to bale all its plastic waste."

Parrikar-led government during its 2012 State Legislative Assembly election campaign had promised to clear off plastic garbage from the beaches and roadsides.

Saldanha said that the village panchayats from the beach belt would be asked to clean the stretches.

"The law is also being worked out to ensure that those who litter on the road are fined with heavy penalty," the Minister said.

From trash to treasure: Plastic cups to preserve organs

In an eco-friendly initiative, a city college using plastic cups and thermocol to preserve animal organs for research by students.

Ramkrishna V of Veterinary College, Hebbal, recycles plastic tea-cups and thermocol to preserve animal organs in a non-toxic manner. - A Veeramani/DNA Wondering what to do with used plastic and thermocol tea cups after gulping down the beverage? Don't discard those. Instead, you might now think of handing them over to the Veterinary College near Hebbal.

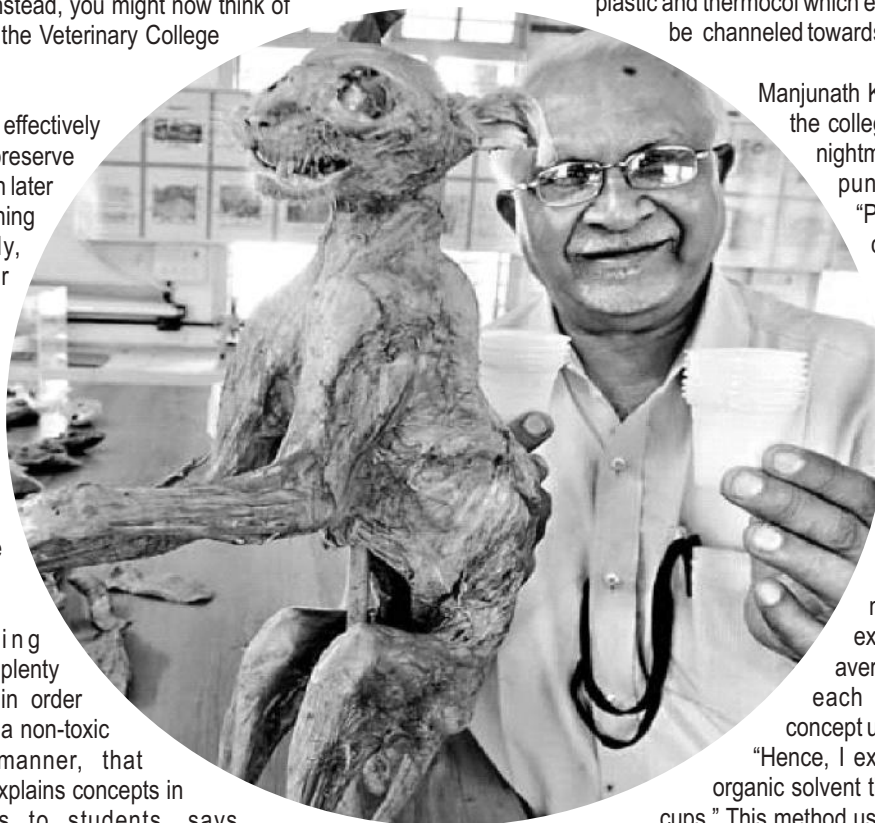
Cups are now being effectively used by them to preserve animal organs, that can later be utilised for teaching purposes. Currently, animal organs for research and study are preserved using formalin, which has an adverse impact on eyes, skin and respiratory systems. Plastic and thermocol, on the other hand, are pollutants.

"We are recycling pollutants that are aplenty on Bangalore roads in order to preserve organs in a non-toxic and non-pungent manner, that can later be used to explain concepts in zoological sciences to students, says Ramkrishna V, retired professor, Department of Anatomy, Veterinary College.

Called plastination, the method involves dissolving plastic cups and thermocol in an organic solvent (created by Ramkrishna), and then immersing the dehydrated organs into the solution. The

process, which takes about 6-8 weeks, is impactful, says Ramkrishna, "since unlike formalin, plastination has no health impact on people using it for teaching and study purposes."

The college has created about 300-400 specimens of various animals including ox, cat, pig, dog, buffalo, horse, etc using plastination. According to him, to create 1,000 specimens, about 60 kg of plastic cups and thermocol is needed. "So, that much of plastic and thermocol which ends up as thrash can instead be channelled towards another cause," he says.



Manjunath K, a postgraduate student at the college, says anatomy is often a nightmare for students due to the pungent smell of formalin.

"Plastinating the organs is any day better since it does away with the health risks involved. Moreover, handling of organs is much easier since there is no storage problem," he says.

Ramkrishna says plastination has been adopted well in the West, but the method and materials there are expensive. Compared to the average Rs 1,000 for plastinating each specimen, the Western concept using silicon costs Rs 50,000.

"Hence, I experimented and created an organic solvent that can dissolve plastic tea-cups." This method uses minimum equipment and is cost effective for a country like India.

Started as a pilot project in 2008 by Ramkrishna and RV Prasad, professor and head, Department of Anatomy, Veterinary College, the project received a grant of Rs 3 lakh from the Karnataka State Pollution Control Board.

Tetra Pak claims new speed record



The Tetra Evero Aseptic carton bottle

Packaging giant Tetra Pak says it has created the world's fastest injection moulding machine. The company developed the machine to manufacture an aseptic carton bottle, the Tetra Evero Aseptic, with a cycle time of 1.44s.

"We wanted to create a package with the opening and pouring functionality of a bottle whilst maintaining the environmental and operational efficiency of a carton package," the

company says. "However, to do this we needed to develop a plastic top which could fuse the bottle opening to a cardboard sleeve, whilst ensuring that the liquid was kept safe and secure."

Thinking that existing injection moulding technology would require production units that would be too large, Tetra Pak came up with the concept of reducing the size of the equipment and integrating it into the filling machine itself.

The machine places the sleeve and closure in the mould before the injection moulding process begins. The closure is applied on a rotating mandrel, followed by the paper sleeve. The mandrel is then transferred into a moulding tool and the system injects the melted plastic. The machine produces 10,000 packages per hour in four single-cavity moulds.

Uponor-KWH pipes JV gets court approval

A special commercial court in Finland has given conditional approval to the merger of the infrastructure solutions businesses of two Finnish plastics pipe producers, Uponor and KWH Group. The Market Court's consent to the formation of Uponor Infra Oy, a jointly owned enterprise to run the businesses, is subject to two conditions: the new firm must offer contract manufacturing of selected product ranges, up to agreed volumes, to other Finnish market pipe producers and sell off seven specified extrusion lines. Uponor and KWH have agreed to the conditions.

The court ruling reverses an earlier decision to block the merger by the Finnish Competition and Consumer Authority (FCCA). The competition authority now has until 24 June to appeal against the court's decision at Finland's High Administration Court of Justice.

Last September, the two groups announced their intention to consolidate the operations of subsidiaries KWH Pipe Ltd and Uponor Infrastructure Solutions in the new joint venture. They said the merger was prompted by intense competition and falling demand resulting from the prolonged global economic crisis.

Uponor Infra will be majority owned by Uponor of Vantaa, Finland with a 55.3% stake while Vaasa-based KWH Group will hold the remaining

44.7% share in the enterprise.

Both groups warmly welcomed the court ruling. "We are excited about being able to begin implementing our plan, in which both Uponor and KWH Group have invested a great deal of effort and resources.

"I am sure this merger will enhance our leadership in the infrastructure segment with a wider customer base, a broader offering and an extended geographical reach," commented Uponor president and CEO Jyri Luomakoski.

His opposite number at KWH Group, Peter Höglund, said the merger with Uponor is "the best strategic way forward for KWH Pipe's further development". The combined businesses will benefit from "considerable synergy effects", he added.

The deal is set to yield annual integration benefits of around €10m once the synergies are fully implemented, the partners said. Depending on any FCCA appeal, the transaction will be closed in time for the new company to start operating after 1 July.

The groups agreed that initially, the executive vice president of Uponor Infrastructure Solutions, Sebastian Bondestam will manage the integration process until Uponor Infra's management is fully announced.

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COMPACT	CHENNAI - INDIA	JUN 07 2013 - JUN 09 2013
LIBYA HOUSEWARE	TRIPOLI - LEBANON	JUN 17 2013 - JUN 20 2013
PLAST EXPO	MOROCCO - CASABLANCA	JUN 19 2013 - JUN 22 2013
INTERPLAS	THAILAND - BANGKOK	JUN 20 2013 - JUN 23 2013
IPLEX CHENNAI	CHENNAI - INDIA	JUN 27 2013 - JUN 30 2013
PLAST PACK EAST AFRICA 2013	NAIROBI - KENYA	JUL 05 2013 - JUL 07 2013
MALAYSIA-PLAS 2013	KUALA LUMPUR - MALAYSIA	JUL 04 2013 - JUL 07 2013
PACKPLUS SOUTH- 2013	HYDERABAD - INDIA	JUL 05 2013 - JUL 08 2013
THE 11TH CHINA INTERNATIONAL EXHIBITION ON PLASTICS AND RUBBER INDUSTRIES	BEIJING - CHINA	AUG 08 2013 - AUG 10 2013
THE 3RD CAMBODIA INT'L PLASTICS, RUBBER, PACKAGING, PRINTING & FOOD PROCESSING INDUSTRY SHOW	PHNOM PENH - CAMBODIA	AUG 08 2013 - AUG 11 2013
CHINA PLASTICS & RUBBER INDUSTRY EXHIBITION	QINGDAO - CHINA	AUG 15 2013 - AUG 17 2013
PHILPLAS	MANILA - PHILIPPINES	AUG 28 2013 - AUG 31 2013
INTERPLAS VIETNAM	HANOI - VIETNAM	SEP 04 2013 - SEP 06 2013
ASIAN-PACIFIC PLASTICS & RUBBER INDUSTRY EXHIBITION	SHANGHAI - CHINA	SEP 03 2013 - SEP 06 2013
VIETNAM PLAS	HO CHI MINH - VIETNAM	SEP 03 2013 - SEP 06 2013
PYONGYANG PLAS PRINT PACK 2013	PYONGYANG - NORTH KOREA	SEP 23 2013 - SEP 26 2013
MEDIPLAS SHOW 2013	BIRMINGHAM - USA	SEP 25 2013 - SEP 26 2013
ASIAMOLD	GUANG ZHOU - CHINA	SEP 24 2013 - SEP 26 2013
PLAST SHOW	VAPI - INDIA	SEP 27 2013 - SEP 30 2013
SAURASHTRA PLAST - 2013	RAJKOT - INDIA	SEP 29 2013 - OCT 2 2013
K-PLASTICS & RUBBER EXHIBITION	DUSSELDORF - GERMANY	OCT 16 2013 - OCT 23 2013
INDIA COMPOSITES SHOW	NEW DEHI - INDIA	OCT 24 2013 - OCT 26 2013
PLASTEX UKRAINE	KIEV - UKRAINE	OCT 30 2013 - NOV 01 2013

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PLASTICS & RUBBER INDONESIA 2013 – MOULD & DIE 2013	KEMAYORAN - INDONESIA	NOV 20 2013 - NOV 23 2013
PLASTEURASIA 2013	ISTANBUL - TURKEY	DEC 05 2013 - DEC 08 2013
7TH PLASTIC, PACKAGING, PAPER & PRINT ASIA 2013 INTL EXHIBITION	KARACHI - PAKISTAN	DEC 13 2013 - DEC 15 2013
PLASTIVISION INDIA 2013	MUMBAI - INDIA	DEC 12 2013 - DEC 16 2013
INTERPLASTICA 2014	MOSCOW - RUSSIA	JAN 28 2014 - JAN 31 2014
OMAN PLAST 2014	MUSCAT - OMAN	FEB 11 2014 - FEB 13 2014
SAUDI PPPP 2014 (SAUDI PRINT/PACK/PLAS/ PETROCHEM 2014 TRADE SHOW)	RIYADH - KINGDOM OF SAUDI ARABIA	FEB 16 2014 - FEB 19 2014
PLASTIVISION ARABIA	SHARJAH - UAE	FEB 17 2014 - FEB 20 2014
INTERNATIONAL TRADE FAIR FOR MOLDMAKING AND TOOLING, DESIGN AND APPLICATION DEVELOPMENT.	SHARJAH - UAE	FEB 17 2014 - FEB 20 2014
IPF BANGLADESH 2014	DHAKA - BANGLADESH	FEB 20 2014 - FEB 23 2014
INTERPACK 2014	DUSSELDORF - GERMANY	MAY 08 2014 - MAY 14 2014
KENYA PLAST 2014	NAIROBI - KENYA	JUN 06 2014 - JUN 08 2014
PRINT FAIR 2014	HYDERABAD - INDIA	JUL 02 2014 - JUL 05 2014
SRI LANKA PLAST	COLOMBO - SRI LANKA	AUG 14 2014 - AUG 16 2014
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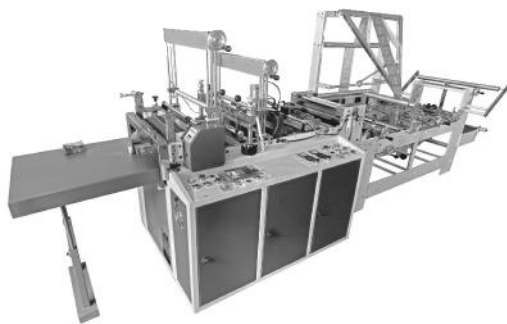
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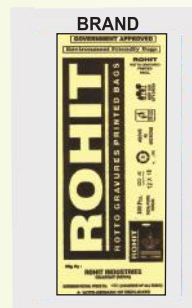
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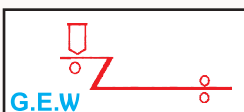
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