

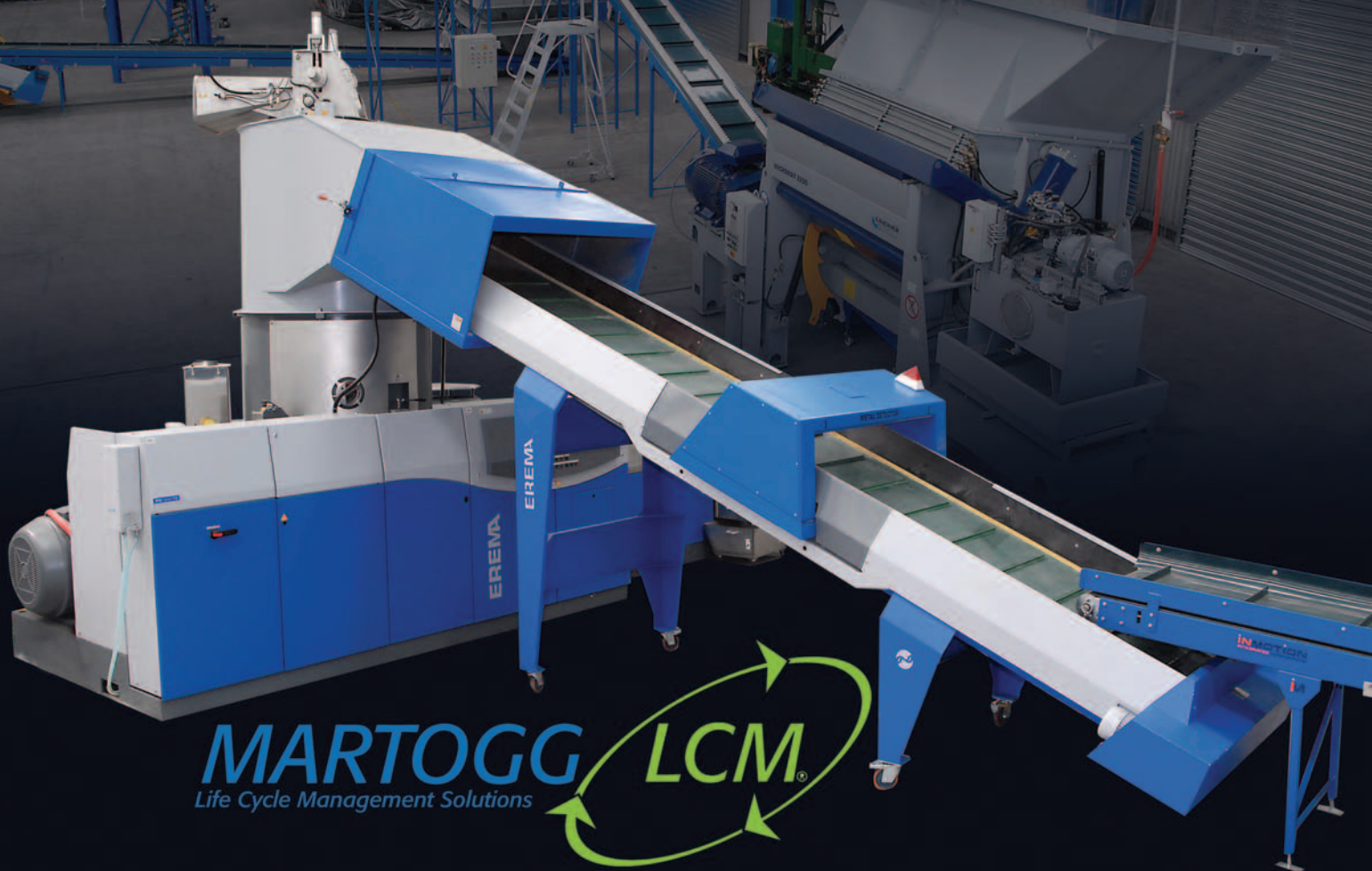
PNI

PLASTICS **NEWS** INTERNATIONAL

OCTOBER 2006

Print Post Approved PP 339434/0007

Martogg LCM[®] - Life Cycle Management Solutions



MARTOGG
Life Cycle Management Solutions

LCM[®]

ALSO IN THIS ISSUE

- Enter the future with innovative ideas • Scalpel blade holder for laser eye surgery
- TPE's translate precisely for the military • State of the art recycling equipment
- Advertisers' Products and Services Directory

Martogg LCM - Life Cycle Management Solutions

The Martogg Group of Companies has been manufacturing and marketing polymer compounds, engineering and commodity resins and recycled plastics to the Australian plastics industry and selected export markets since 1975.

Over this time Martogg Group companies, Martogg & Company, Encor, General Polymers and most recently Gentrade have continuously serviced virtually every sector of the Australian plastics converter industry.

The company is now poised to further enhance its position in the plastics recycling sector through the establishment of Martogg LCM that will provide polymer Life Cycle Management (LCM) solutions to the plastics industry.

Martogg LCM leverages the group's established position as a reputable and expert polymer distributor, resin compounder and recycler and takes full advantage of the Group's polymers knowledge and polymer compounding know-how and technology.

Martogg understands polymers, polymer additives and compounding and knows how to formulate and manufacture added value products from a wide range of input materials, from virgin resin through to recycled plastic.

The group combines well-equipped and staffed laboratory facilities with the technical competence and knowledge required to develop and QA/QC products to defined specifications, and to ensure the manufacture and supply of products to consistent and known quality standards.

Extensive and knowledgeable sales and marketing network coupled with a broad product range and customer mix gives Martogg LCM immediate access to customers for second life polymers and also provides a closed loop resource of LCM polymer feedstocks.

Martogg LCM also takes advantage of the group's unique position as Australia's only polymer compounder/ distributor and recycler that can offer the combination of prime and second use polymer products to virtually all segments of the Australian plastics industry.

Life Cycle Management is not just recycling

In acknowledgement of government environmental policy initiatives such as the Victorian Government's Toward Zero Waste (TZW) strategy, Martogg LCM recognises that the Life Cycle Management of products and resources, and environmental sustainability, are key future business challenges for industry and consumers alike as landfill becomes an increasingly unacceptable option for the disposal of consumer waste and products at their end of life.

Martogg LCM expects to further enhance the company's commitment to product stewardship by ultimately bringing together the brand owners, designers, manufacturers, suppliers, retailers, consumers and Martogg LCM as end-of-life managers, in order to recover the plastic materials used in finished consumer products, for subsequent re-introduction back into the product cycle as value added, second use materials.

Investing in a Life Cycle Management Solution

The Martogg Group has committed significant expenditure in 2006 for the purchase of new processing equipment and capital works in order to lead the market in providing Life Cycle Management Solutions to the plastic converting industry and its customers. This investment will support and compliment the company's sales of both prime and recycled/ second use polymers to its immediate customer base and ultimately, consumers further down the supply chain.

In October 2006, Martogg LCM will commence operations with a new, purpose built plastics waste management plant that is integrated into the company's existing manufacturing

facility located in Dandenong, Victoria.

With its new investment, Martogg LCM will introduce to the Australian plastics industry a streamlined waste plastics recycling process with a versatile, modular layout that is designed to optimise productivity and throughput both efficiently and safely.

Features of the new Martogg LCM plant and process include a purpose built raw materials receiving and handling yard in which material, received in Martogg LCM owned stillages, can be safely and securely stored in designated concrete walled bays as it awaits classification and processing.

A custom built lifting and tipping device has been designed to safely and efficiently feed raw materials from collection and storage stillages into the Martogg LCM process stream with minimal manual handling required.

Centrepiece machines include a Lindner Recyclingtech Micromat 2200 shredder and an Erema PC 1514 TVE cutter compactor recycling extruder. Martogg LCM specifically selected these two machines as they represent the 'state of the art' in polymer recycling equipment and reflect the company's intention to build an added value polymer recycling business over the long term.

Additional granulation and guillotine capacity has been designed to compliment Martogg LCM's existing size reduction capability.

The new LCM plant includes intermediate product storage, take-off and handling capability, along with finished product blending and silo storage and handling capacity in a segregated filling hall with both 25 kg bag and FIBC packaging capability.

The company also features fully equipped and staffed laboratory facilities for both raw material and finished product QA/QC and product development.

Life Cycle Management Solutions from Martogg LCM

Martogg LCM recognises that Life Cycle Management of plastics is more than just the processing of plastic waste and therefore offers safe and secure, environmentally responsible Life Cycle Management solutions for the many and varied plastic waste streams generated by the plastics industry and its products and consumers.

The company has dedicated and experienced personnel who can help with the identification of viable plastic waste stream sources, and then develop and manage customer specific waste collection and logistics services on a site-by-site basis, utilising the company's own logistics partners and specialist third party contractors.

Such is the versatility and flexibility of the company's new LCM process that Martogg LCM can handle and process virtually any type and form of thermoplastic waste, including finished products at their end of life.

Polymer types targeted by Martogg LCM for the company's 'Recyclene' range of second use polymers include PP, PE, GPPS, HIPS, ABS, Nylons and PC and also includes some filled materials.

Martogg LCM can accept post industrial and selected post consumer waste streams including sheet and sheet off-cuts and web scrap, film and film scrap, bags, baled and on cores, pipe and irrigation tube, materials handling film, crates, totes, pallet boxes, FIBCs, reject bottles and injection mouldings, sprues and scrap, fibre and yarn, segregated regrind, swarf from cutting and machining, and purging blocks.

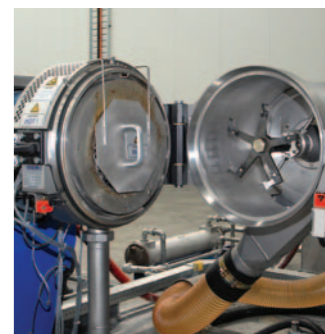
In addition, Martogg LCM can offer custom LCM solutions to plastic



processors and to their customers. This life cycle process involves secure destruction of reject/ obsolete products and trial materials followed by polymer remediation and re-extrusion (to an agreed specification as required) for subsequent re-use by the customer.

The group's investment in Martogg LCM represents a significant commitment by a major player in the Australian plastics industry. Its aim is the sustainable future of the industry in this country.

The company is confident that this first step taken into plastics Life Cycle Management solutions will place Martogg LCM at the forefront of plastics recycling in the future.



Anyone wishing to discuss Martogg LCM further should contact David Floyd, the Martogg LCM development manager on 613 9791 5633 or visit www.martogg.com.au for more details on the Martogg Group of Companies.

