



JULY 2014

PACKAGING & Print Media

PRINT MATTERS • CONVERTING MATTERS • FMCG PACK

COVER STORY ■ Fabulous foiling

SPECIAL REPORT ■ Into Africa – Afripack and GPL
form a new flexibles powerhouse

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■ Times Media buys Ferroprint ■ Praiseworthy MPS open house

FMCG PACK ■ Getting to grips with global harmonisation

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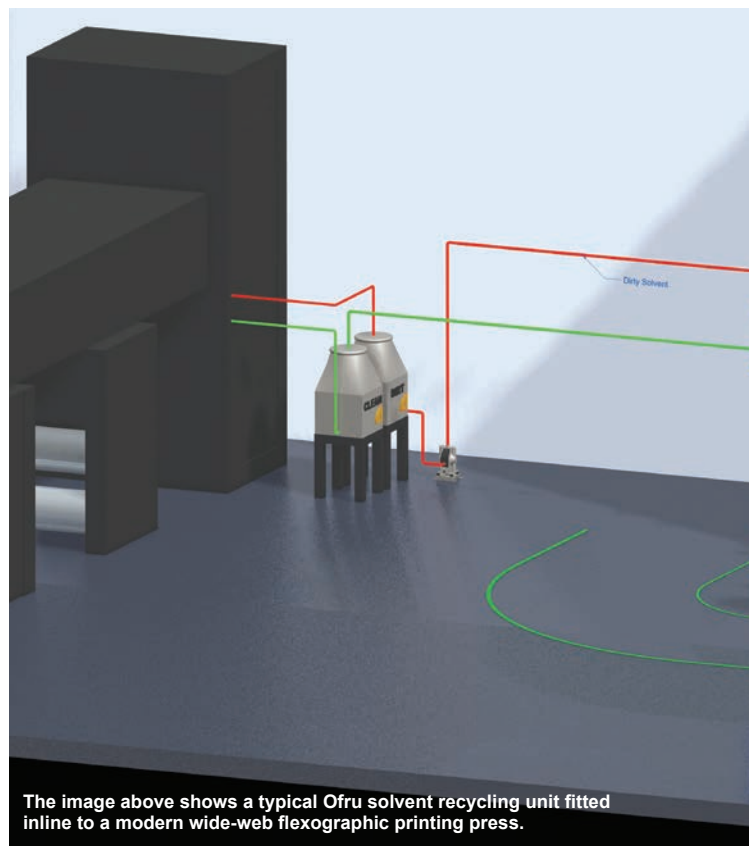


Smart solvent recovery

FOR any manufacturing concern using solvents, the prospect of establishing an effective solvent recovery process can prove daunting – it's critical to discover a supplier who understands production variables and is willing to go the extra mile to deliver the right solution.

For the last eight years, Ipex Machinery has partnered with Germany's Ofru Recycling to deliver tailor-made, effective solvent recovery plants to the southern Africa market.

'Managing the environmental footprint, while gaining a swift return on investment (ROI) is a critical consideration for manufacturing companies looking to initiate an in-house recovery plant,' states Bruce Allen, Ipex Machinery MD. 'Established in 1978, Ofru Recycling is considered a leader in this field, employing ultra-modern distillation technology to separate and recover valuable chemical products from waste mixtures – even from complex mixtures with batch-to-batch variables,' he continues. 'TUV- and ATEX (explosive) zone-certified Ofru systems are tried and tested worldwide and come with a three-year guarantee.'



The image above shows a typical Ofru solvent recycling unit fitted inline to a modern wide-web flexographic printing press.



FLEXO WASH

Leading Cleaning Technology

Parts Washing Equipment...

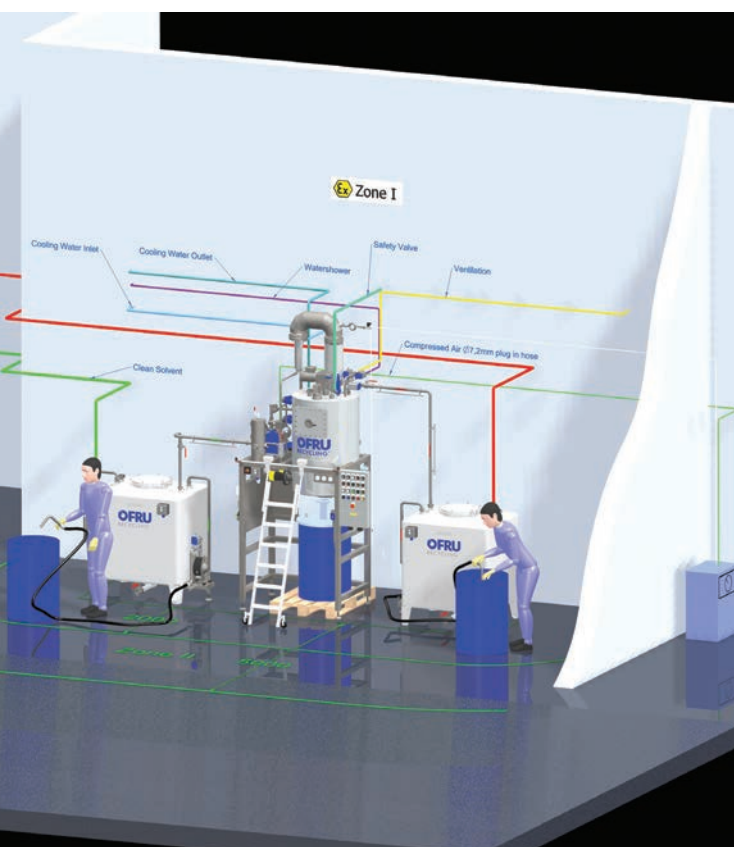
...for all kinds of parts!

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Expert analysis and design

In terms of the local market, fully-trained Ipex technicians and Ofru process engineers begin the recovery plant 'journey' by assessing the viability of solvent recovery with each converter, conducting front-end studies, waste analysis and ROI assessments. These can be based on solvent volumes to process, chemical mix and percentage of nitro cellulose content.

Once assessments are complete, a blueprint is created giving due consideration to pressure vessel and heat transfer equipment design, process optimisation, control system strategy and design.

From compact units to high-tech ASC plants, Ofru ensures safety first with its integrated EX-Proof control panel and integrated water shower, all contributing to a certificated safe operating process.

In 2012, Ofru Recycling initiated a strategic alliance with Danish firm, Flexowash, renowned for its high-quality washing systems, to provide a closed-loop washing and recovery system that's easily integrated with any modern flexographic press. Solvent recovery units are also available for flexo-plate production if required.




'Whether it's a standard or customised solvent recycling and recovery unit that converters are looking for, the Ofru Recycling and Ipex Machinery team have the necessary technology know-how and practical experience to deliver the right self-sustaining, high performance distillation plants that contribute substantially to reducing costs and sustainable package printing,' sums up Bruce.

Solvent Recycling and Cleaning Machines:

Solvent Recycling System ASC-150

The intelligent way of solvent recycling



-  Reliable, low-maintenance machines
-  High technical standard
-  First-class build quality
-  Comprehensive product range
-  Very good price-performance ratio

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