

OCTOBER 2017 \$6

DEMM

# ENGINEERING & MANUFACTURING

demm.co.nz

JOHN B. LAGSON  
MOLO  
LIBRARY  
MAGAZINE  
MARITIME

PAGE 26

Net  
cleaner  
a world  
first

NMEC  
Programme

PAGE  
34

# EDITORIAL

*There is increasing pressure worldwide to ban lightweight plastic bags and many countries have already done so, either as a whole or as individual regions or states.*

*However, in Huntington Beach (California) the plastic bag ban ordinance was repealed on a Council vote of 6-to-1 when residents saw the move as government overreach.*

*In the US, the banning and taxing of plastic bags is also seen as a threat to almost 25,000 jobs and has been called a "...misguided [policy] that threaten jobs, economic recovery, and American competitiveness."*

*Other claims – via the US, which seems to have the most to say about the ban – include: bag taxes hurt struggling families and take money away from working families; bans and taxes on plastic bags hurt America's working class and kill jobs; plastic bag bans and taxes hurt small businesses; and bag taxes hurt struggling families and take money away from working families.*

*I have friends who have travelled to remote places – including Africa, which has almost lead the charge in banning plastic bags – and been asked by local villagers for plastic bags. One lady showed my friend her tiny hut-cum-house where all her possessions were tidily hung on the wall in plastic bags. She also used them to carry water and milk from her very treasured goat. This lady was far from the coast and it is marine creatures that we associate with the damage caused by plastic bags. But another story much the same in its telling, was set in a village up the mighty Amazon, from which comes 20 percent of the global riverine discharge to the ocean, so is a prime route for discarded bags.*

*What is the answer? There is an interesting pros and cons argument here – <https://journalistsresource.org/studies/environment/pollution-environment/plastic-bag-bans-grocery-shopping-environment>*

**JANE WARWICK**



## CONTENTS

- 02 Product watch
- 11 News
- 19 Health & safety
- 20 Environmental
- 24 Corrosion control
- 26 Marine industry
- 29 NMEC
- 36 Maintenance matters



### NEXT TIME...

- MAINTENANCE PLANNING
- MOTORS & DRIVES • THERMAL IMAGING

#### Your stories and photos – submission guidelines

We welcome your news and photos. To help us, please send all images as high resolution JPG files (file size to be at least 2mg+ or 2000k+). Apart from product shots, the best photos feature people doing something as empty factories and abandoned machinery do not make compelling photos. We prefer unformatted text and do not accept PDF press releases. Name photos and your text document with the same name. Send your news and photos to [Editor@DEMMA.CO.NZ](mailto:Editor@DEMMA.CO.NZ)

**SUBSCRIPTIONS:** An 11-issue annual subscription in New Zealand is \$59.00 (incl GST). Please call us for overseas rates.

**COPYRIGHT:** DEMM Engineering & Manufacturing Magazine may not be reproduced in whole or in part without the prior written permission of the publisher. Neither editorial opinions expressed, nor facts stated in advertisements, are necessarily agreed to by the editor or publisher. While all efforts are made to ensure accuracy, no responsibility will be taken by the publishers for inaccurate information, or for any consequences of reliance on this information.

**EDITOR:** Jane Warwick, [editor@demm.co.nz](mailto:editor@demm.co.nz) **ADVERTISING:** Nicki Nemeth, [nicki@demm.co.nz](mailto:nicki@demm.co.nz) **PUBLISHER:** Cathy Parker, [cathy@adrenalin.co.nz](mailto:cathy@adrenalin.co.nz) **DESIGNER:** cherie@adrenalin.co.nz  
**SUBSCRIPTIONS:** [subs@adrenalin.co.nz](mailto:subs@adrenalin.co.nz) **PROOFREADING:** George Ward **ADRENALIN PUBLISHING LTD.** 14c Vega Place, Mairangi Bay, P.O. Box 65 092 Mairangi Bay, Auckland, 0754.  
**PHONE:** 64-9-478 4771 **FACSIMILE:** 64-9-478 4779 **PRINTING:** Image Centre. **ISSN** 1172-4536 (Print) **ISSN** 2253-279X (Online) **AUDITED CIRCULATION:** 12,619



Supported by:



facebook

[facebook.com/demmmagazine](https://facebook.com/demmmagazine)