

## On Tour!

The BPF and some of its key members participated in the promotional tour of the GREAT Mini Cooper when it reached Dusseldorf during K. Present were Keith Freegard from Axion Recycling (far left) and Ian Mills from Albis UK (far right); both companies supplied materials used in the vehicle's manufacture. The tour of the Mini is part of an initiative to attract visitors and businesses to the UK.



## Open House

Hurco has announced that it will stage a three day open house at its showroom in High Wycombe between the 3 - 5 December. During the event, visitors will be able to see demonstrations of the company's range of machine tool technology, including two brand new models on show for the first time in the UK - a high capacity, small footprint 5-axis machining centre, the VMX42SRTi; and a new high speed version of Hurco's popular VMX24, the VMX24 HSi.

[www.hurco.co.uk/events](http://www.hurco.co.uk/events)

## Pressurised Water

A new cooling channel testing unit is helping injection moulders and mould toolmakers ensure consistent quality in their end-products. Based on a relatively simple pressurised water technique, the portable single phase testing unit has been developed and refined by Atkin Machine Tool Maintenance and Newton Tesla (Electric Drives) Ltd.

In use, the tester, which features an automated Mitsubishi GOT 1020 HMI touch screen control panel, fills the cooling water circuits of mould tools and

pressurises them to an adjustable pressure of up to 12 bar. If the pressure holds steady for a set period of time, the integrity of the circuits is proven. However, if the pressure decays, this indicates that there is a leak.



## Trauma Training

With the help of rotational mould tooling expertise from Midas Pattern Company, Limbs & Things Ltd has devised a potentially life-saving Chest Drain and Needle Decompression Trainer for use in hospitals and military simulations. The first products were delivered to an extremely tight deadline in November 2012, and have since attended exhibitions in the USA, UK and Australia.

Manufactured from medium density polyethylene, the chest trauma training model is a waist-up representation of the adult male thorax and comprises four main parts: the left and right chest cavity, the shoulders, and the abdomen. Each section required Midas to produce six or seven-part rotational mould tools. The result is a training simulator offering capability way beyond existing chest drain models.

"In the whole process I think we only required one design change, and Midas made the adjustment and returned tooling within a week," said Piers Bentley, Design Engineer at Limbs & Things. "Considering the complexity of the parts, the process has been remarkably straightforward."



## DIARY 2013/2014

3 - 6 December	<b>EuroMold 2013</b> Frankfurt, Germany. <a href="http://www.euromold.com">www.euromold.com</a>
12 - 13 February	<b>Southern Manufacturing FIVE</b> Farnborough. <a href="http://www.industry.co.uk">www.industry.co.uk</a>
7 - 11 April	<b>MACH 2014</b> NEC, Birmingham. <a href="http://www.machexhibition.com">www.machexhibition.com</a>
3 - 5 June	<b>Subcon 2014</b> NEC, Birmingham. <a href="http://www.subconshow.co.uk">www.subconshow.co.uk</a>
18 - 19 June	<b>PDM 2014</b> Telford International Centre. <a href="http://www.pdmevent.com">www.pdmevent.com</a>
18 - 19 June	<b>PRE 2014</b> Telford International Centre. <a href="http://www.plasticsrecyclingexpo.com">www.plasticsrecyclingexpo.com</a>
30 Sept - 2 Oct	<b>Interplas 2014</b> NEC, Birmingham. <a href="http://www.interplasuk.com">www.interplasuk.com</a>
30 Sept - 2 Oct	<b>TCT Live 2014</b> NEC, Birmingham. <a href="http://www.tctshow.com">www.tctshow.com</a>
14 - 18 October	<b>Fakuma 2014</b> Friedrichshafen, Germany. <a href="http://www.fakuma-messe.de">www.fakuma-messe.de</a>



**TMS TOOLMAKER SUPPLIES LTD**  
EDM Consumables

**Quality EDM Wear Parts & Consumables**

t: 01684 573398 f: 01684 573208 e: [sales@tmsbaj.plus.com](mailto:sales@tmsbaj.plus.com) w: [www.tmsedm.co.uk](http://www.tmsedm.co.uk)