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## **IMPRESSION TECHNOLOGIES ANNOUNCES KEY HFQ® TECHNOLOGY PARTNERSHIP WITH FISCHER GROUP**

Impression Technologies Ltd ('ITL'), the creator of Hot Form Quench (HFQ®) Technology, the leading advanced lightweighting solution for high-strength aluminium structures, has announced a key strategic partnership with fischer group, a global leader in the manufacture and supply of precision automotive components, which also serves the aerospace sector.

fischer group is a key supplier of complex-shaped hydroformed parts such as manifolds, catalyst converter shells and complex tubing system components to the world's largest automotive OEMs. Under the agreement, fischer group will manufacture body-in-white components using HFQ® Technology, enabling it to service OEM requirements in fast-growing markets such as electric vehicles.

The initial focus of the partnership will be to supply automotive customers in Europe from fischer Hydroforming's base in Menden, Germany, with the objective of expanding to service global OEM customers from fischer's facilities in Mexico and China. This is an important step in the rapid deployment of a full-service HFQ supply chain capability which will be in place from mid-2020 onwards to service the needs of OEMs across the globe.

Commenting on the announcement, ITL's CEO, Jonathan Watkins, said: "We are delighted to have entered this strategic partnership with fischer group, which will offer automotive and aerospace OEM customers stronger, lighter, more cost-effective structures made using HFQ® Technology. We look forward to working with fischer to develop a global HFQ supply chain capability."

Dr Stefan Geißler, MD of fischer Hydroforming, said: "This partnership with ITL offers fischer a unique opportunity to supply our automotive and industrial customers with an entire new genre of metal forming capabilities, further building on fischer's extensive technical and manufacturing experience. We believe HFQ® Technology can offer our customers multiple sustainable opportunities to simplify design while reducing weight, cost and system complexity."

**ENDS**

### **About fischer Hydroforming GmbH**

fischer Hydroforming GmbH is a wholly owned subsidiary of the fischer group which was founded in 1969 in Germany. The fischer group has developed into a global leader in the supply of tubes and other precision components manufactured using a range of austenitic and ferritic alloys. The group offers its customers a full-service capability including simulation and simultaneous engineering services alongside tool design, prototyping and high volume production. The group serves multiple markets including automotive and aerospace with sales of more than €800 million from eight locations in the Americas, China, Europe and Africa. Among other products, fischer Hydroforming



supplies exhaust manifold, catalyst converter shells and complex tubing system components to the world's largest automotive OEMs.



### **About Impression Technologies Ltd**

Impression Technologies was formed in January 2013 to commercialise HFQ® Technology. HFQ® enables standard grades of lightweight, high-strength aluminium to be formed into complex shapes in a single pressing operation. The shaped aluminium blanks are heated, formed at high speed in a stamping press, quenched in the forming tool and then undergo artificial ageing to achieve full strength. Impression Technologies currently supplies parts on six different vehicle platforms. Its team of experienced application and design engineers work with customers from the outset of projects to help maximise the potential of this revolutionary technology. The company is fully equipped to carry out in-house prototyping and production runs to support HFQ® Technology customers, operating the world's first HFQ® production line. One of the advantages of using HFQ® Technology is significantly increased design freedom, resulting from the use of HFQ design tools with commercial design software and from the new design opportunities the HFQ process affords on the material and part.

<https://impression-technologies.com/about/>

For further information on HFQ®, please visit <http://hfgtechnology.com/>