

# Powder Metallurgy

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
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## News and views

### GKN to acquire Stromag Holding GmbH

GKN has acquired Stromag, a privately held company specialising in engineering of industrial power management components. Stromag, which will be integrated into GKN's Land Systems division, has a strong technology base and focus on tailored solutions. Its core products include hydraulic clutches, electro-magnetic brakes and flexible couplings, serving end-markets including agricultural equipment, construction and mining machinery, renewable energy and the metal processing industry. The business is headquartered in Unna, Germany and has operations in Germany, France, USA, Brazil, India and China. In 2010, Stromag reported sales of €111m, which is expected to grow to €140m in 2011.

GKN has also announced an agreement to acquire the all-wheel-drive (AWD) components businesses of Getrag KG, a privately held German company. The businesses being acquired (Getrag Driveline Products) comprise Getrag Corp., a joint venture with Dana Corp. based in the USA, and Getrag All Wheel Drive AB, a joint venture with Dana Holding Corp. and Volvo Car Corp. based in Sweden. Their core business is the Tier 1 supply of geared driveline products, namely power transfer units (PTU) and rear drive units (RDU) for AWD vehicles, along with final drive units (FDU) for high performance rear wheel drive vehicles. Current activities also target the future supply of transmission and axle products for hybrid and electric vehicle drivetrains.

Getrag Driveline Products, which will be integrated into GKN Driveline, is said to offer an excellent fit with GKN's existing range of products and technology. As part of the overall transaction, GKN is acquiring an exclusive licence, principally for Europe and the Americas, to Getrag's electric drivetrain technology for use in electric and certain hybrid vehicles. Getrag Driveline Products achieved consolidated sales of approximately £380m in 2010.

Further information from: Guy Stainer, GKN plc, email [guy.stainer@gkn.com](mailto:guy.stainer@gkn.com), Internet [www.gkn.com](http://www.gkn.com).

### Gevorkyan expansion

Slovakia based PM parts producer Gevorkyan, founded in 1997, has in

2011 moved into new premises including a new 7000 m<sup>2</sup> production hall. This investment reflects the company's rapid expansion: sales are reported to have doubled from £2.4m in 2009 to £4.8m in 2010, and are expected to reach £9m in 2011.

Production is focused on automotive applications, together with parts for hand tools, lock parts and more recently, components for industrial machines. Gevorkyan typically introduces 80–100 new PM parts per year for new projects, more than half of which are said to have been converted to PM from alternative forming processes. The company has its own designers and own tool shop for PM dies to facilitate these projects. Re-equipping related to the move to new premises has included the purchase of new CNC presses from Lauffer and four 250 t compacting presses.

This year Gevorkyan has also installed MIM technology and made its first MIM tools, in response to orders for parts from existing customers. Gevorkyan has identified MIM as a key part of its future business development.

Further information from: Artur Gevorkyan, Managing Director, Gevorkyan sro, Tovarenska 504, 976 31 Vlkanova, Slovakia, tel. +421 48 229 7801, email [arturgevorkyan@gevorkyan.sk](mailto:arturgevorkyan@gevorkyan.sk), and at [www.gevorkyan.sk](http://www.gevorkyan.sk).

### Sandvik strategic reorganisation

Sandvik is to implement a new strategy focused on increasing profitability, strengthening its position in attractive markets and segments, and more active portfolio management. The organisation will be split in five business areas rather than three and a stronger platform for utilising common resources will be developed. The new structure will be effective from 1 January 2012. In connection with the announcement of the new Sandvik strategy a new Group Executive Management team will be appointed with Olof Faxander as President and CEO.

The new business areas will be: Sandvik Mining; Sandvik Machining Solutions; Sandvik Materials Technology; Sandvik Construction; and Sandvik Venture. An area aiming to create the best possible environment for growth and profitability in attractive

and fast-growing operations, Sandvik Venture will focus on product areas with limited connections to other business areas or closely linked to several other business areas and will initially comprise: Sandvik Process Systems, Sandvik Hard Materials, Diamond Innovations, Wolfram and Dormer as well as the parts of Sandvik MedTech comprising medical devices. Further information at [www.sandvik.com](http://www.sandvik.com).

### New Carpenter facility

Carpenter Technology Corp. has announced plans to construct a new 36 500 m<sup>2</sup> state-of-the-art manufacturing facility in response to strong customer demand for premium products primarily in the aerospace and energy industries. The new facility will ultimately have an output of 27 000 t per year of additional product. Carpenter says this investment will support the increased demand related to its Latrobe (pending), Amega West, and Oilfield Alloys acquisitions and demand expected from the sales of new technologies it plans to commercialise. The facility, to be built on a greenfield site and costing \$500m, will include remelting, forge, and associated finishing and testing capabilities. It is expected to be operational in approximately 30 months.

Further information at [www.cartech.com](http://www.cartech.com).

### Large net shape titanium castings

Castings Technology International (Cti) has developed an advanced casting technology said to be capable of producing large one-off and low run net shape castings. Building on the Replicast process that uses moulds built up on precision-machined polystyrene patterns, MEGAsell technology enables exceptionally large ceramic shell moulds to be produced of a size and weight greater than conventional casting practice can feasibly achieve. To date, ceramic moulds with dimensions up to 2 × 2 × 2 m have been produced so that, for example, heavy section valve castings weighing several tonnes can be manufactured that are more than 20% lighter than the sand cast equivalent. Cti says that machining cost