

Press Release

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ALLGAIER: Mega-tryout press goes into operation

Supplier gears itself up for the production of large forming dies with unit weights of up to 60 tonnes

Processing of new high-strength and ultra-high-strength steel materials

The Uchingen-based supplier ALLGAIER has equipped its toolmaking facility with a 30,000 kN tryout press, thus creating the basis for producing and testing large forming dies with unit weights of up to 60 tonnes and dimensions of 5000 x 2500 millimetres. "This move sees us responding to developments in the automotive industry, which now demands large body dies as well as dies for high-strength and ultra-high-strength steel materials from its suppliers," says Helmar Aßfalg, Chairman of the Board of Management. The mega-tryout press, which features the latest technology, is one of the largest die tryout presses, not only in Germany but also Europe-wide. It was officially given its classification at an inauguration ceremony.

New high-strength and ultra-high-strength steel materials minimise weight and maximise strength in state-of-the-art vehicles. Processing structural components made from these materials on forming presses is a demanding task in which toolmaking plays a key role. Production-ready dies have to be made available as quickly as possible, while forming die tryout is a time-consuming procedure and, therefore, a major cost factor.

ALLGAIER will therefore continue to rely on high-performance press technology to further enhance tryout effectiveness and, as a result, increase its competitiveness in the field of die production.

ALLGAIER is one of the leading toolmakers for the automotive industry in Germany. "We will continue to add to our expertise in the lightweight skin panel

and structural part segment," states Helmar Aßfalg, outlining the reasons for the company's latest investment. "The new tryout press is indispensable for this."

ALLGAIER is able to call upon many years of experience when configuring the dies for the new steel materials – a process that involves meeting stringent requirements. Since as far back as the 1980s, the company has been gaining valuable experience by working with aluminium and building on its expertise in the field of lightweight design. Today the automotive supplier has a highly specialised workforce and is able to adapt forming dies to new steel materials.

At its production facility, the company uses state-of-the-art machining centres for the die surfaces. Highly efficient methodology planning, construction and tryout ensure fast die throughput times. The range of products includes transfer dies, compound progressive dies and multiple-stage dies.