

Press Release

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Hall 6, stand 145

Titus, high volume precision components specialist, at Midest 2011

The Titus Group is a specialist in the engineering of high volume precision component solutions that improve competitiveness. The Group provides a custom zinc die casting service tailored to suit individual customer requirements by utilizing proven die casting technology, extensive die casting expertise and global manufacturing capabilities.



High volume zinc precision components manufacture

30 years' experience in die casting, tooling and component design along with high volume manufacture gives the ability to develop and manufacture high-precision zinc components for various of applications, including automotive, electrical components, house hold appliances, furniture industry and much more. The company can provide customer with complex form castings from 1g to

250g of high dimensional accuracy and excellent plating quality and offers a complete package of post casting services including secondary machining operations, plating, bagging and component assembly.

Zinc over-moulding

During the period of very high zinc prices Titus faced the challenge of maintaining its competitiveness with his full zinc connectors in a segment, where also steel product are available. They found the solution in an innovative two-material product; the Combi dowel made of steel pin and over-moulded zinc thread. To produce the Combi dowel and innovative zinc over-moulding technology was developed the Lama CombiCaster machine that allows for one-step manufacture of zinc-steel products. Its innovative nature was recognized also by Slovenian Innovation Awards jury. The environment friendly features enabling energy savings were the reasons for which the machine was named 'Environment Friendly Product' of 2008. This technology eliminates production problems with small component assembly and helps maintaining part consistency over production batches. The casting of zinc over-moulded components offers manufacturers the opportunity to make substantial material savings and reduces the die casters dependence upon zinc alloy.

Other precision components

Beside zinc castings, the company is specialized in high volume multi-purpose damping technology and automated assembly systems. Engineered for efficient and high precision manufacturing, Titus damper ensures reliable damping at any closing speed. With its efficient modular design it offers

quick development of customized solutions for various furniture and other applications. Unique automated process solutions for automated assembly of components are designed to provide the best assembly automation, increasing productivity and ensuring constant quality while reducing labor costs.

Multi-purpose damping technology for various applications

The offer of zinc precision components and multi-slide die casting technology sits well within the mission of the Titus Group to provide components solutions that improve competitiveness. Beside zinc castings, the company is specialized in high volume multi-purpose damping technology. Titus hydraulic damper, which is installed in Titus systems for soft-close furniture fittings, is engineered for efficient and high precision manufacturing ensuring reliable damping at any closing speed. With its efficient modular design it offers quick development of customized solutions for various furniture and other applications. In the development process of the Titus hydraulic damper the team of Lama designers pursued their goal to create a product, which will function reliably and consistently throughout the lifespan of the application. Successful development resulted in a competitive product, which has already received market confirmation, as the company is supplying it to major producers of functional furniture systems. Slovenian Chamber of Commerce has recognized its potential and awarded it as one of the best Slovenian achievements in innovations in 2011.

Automated assembly systems

Titus' division Automated Assembly Systems division has more decades of experience with unique automatic assembly machine manufacture for automotive sector, industry of house-hold appliances, metal processing industry and for industry of medical devices. Titus unique process solutions are designed to increase the customer's productivity and quality of manufactured products while reducing production costs. The unit is a specialist for high-volume and small precision components, capable of finding technical solutions to various challenges in precision components assembly, like precision handling, feeding, filling, dosing and connecting operations as well as a integrated control checks. Titus assembly machines are used in the in-house manufacture of furniture hardware and dampers which enables the construction engineers to get a first-hand and in-depth understanding of the high-volume assembly specifics

About the Titus Group

The Titus Group provides customers with small component solutions that improve competitiveness. Through innovative product design, expertise and excellent service it enables business partners to improve their productivity and quality, reducing manufacturing costs and making assembly easier and more cost-effective. The majority of company's turnover comes from its core activity; the furniture hardware solutions for connecting fittings, concealed hinges and furniture damping. The specific engineering competence gained in the field of furniture hardware is applied in the other spheres of activities comprising multi-purpose damping technology, automated assembly systems, tooling and ultrasound fastening technology in the segments of electrical industry, automotive industry, industry of medical devices, home appliances and metal-processing industry.

For more information please visit or www.titusplus.com.

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