

Congratulations from Buderus Edelstahl! SPE innovation award for Läpple tool concept

August Läpple GmbH & Co. KG received the innovation prize from the Society of Plastics Engineers on 14 July 2006, for its revolutionary tool concept for producing mould-making tools of modular frame construction. The parts of this cutting-edge tool system are manufactured by Buderus Edelstahl.

The modular frame construction developed by Läpple has made the production of mould-making tools faster, more flexible and more cost-effective. A cost saving of around 35% compared to conventional production, a reduction in construction time of around 35%, and the ability to use the framework system to produce various injection moulded parts make the modular framework system the most modern and most efficient option in mould-making. "We share Läpple's satisfaction", says Oliver Schaub, the Domestic Tool Steel Sales manager for Buderus Edelstahl. "The company has earned this award for its major commitment to tool and mould-making. The modular framework construction reduces costs and increases flexibility, an important aspect especially in the automotive industry, where models are now

changed much more frequently than a few years ago. This innovation of Läpple's also strengthens the position of Germany as a production centre."

Buderus Edelstahl materials incorporated

Läpple has a long-term master agreement with Buderus Edelstahl to deliver and supply the various tool materials. Both companies have been working together successfully for 30 years. Buderus Edelstahl also advised Läpple on selecting the steel for the tool steel concept that gained the award. The innovative Läpple plastic injection mould consists of a core carrier, a core, a die holder and a die insert. Buderus Edelstahl produces all



*Outstanding
framework system
built by Läpple*

Core carrier with ejector system



parts finished or prefabricated as required by the customer – core carriers, die carriers and cores made of steel grade 2312, the die insert made of grade 2738 or 2738 mod TS (HH), and stocks them for Läpple to order at short notice.

Läpple is an internationally acknowledged system partner of the automotive industry. More than 5,000 employees in six countries work on innovative products using the latest technology. The company's range of services includes the production of tools, moulds, prototypes, sheet metal parts and assemblies through to supplying production plant. "An innovative company", says Oliver Schaub, "that operates in the marketplace in a responsive pioneering role. Buderus Edelstahl supports Läpple by stockholding and by its flexibility in production of its tool steels."