

Circular economy



Circular economy is an economic system that provides for the reuse of materials and reducing waste.

Material Development



This concerns material and heat treatment properties such as strength, corrosion resistance, joinability and crash behavior, as well as the processability of the alloys through processes such as HPDC and deep drawing.

The technologists at Fondalpress have many years of experience in the design and processing of light metal alloys and support partners in alloy development.



The skills and experience gained in 50 years of company history allow Fondalpress to support its customers at every stage of the project: from idea, to prototyping, to design, up to realisation. These skills result in a participatory and proactive approach during planning and co-design phases. A deep knowledge of materials, experience in the application of innovative processes, the ability to find the best solutions in creating and processing products, are the key elements of Fondalpress offer.

New Technology Combicore Tube



LEAKAGE-FREE COOLING CHANNELS FOR DIE-CAST HOUSING COMPONENTS

APPLICATION

HSG(Hybrid Starter Generator) motor for HEV
Traction motor for BEV
Cooling cover for OBC & converter
Thermal management components for battery pack

New Technology FSW



Friction stir welding is one of the most popular trends in welding technology. The weld is made in the pasty state: it is the solid state of the joining process. The weld is created solely by mechanical deformation by friction.

Welding of dissimilar materials

Al-Cu, Al-Fe, foundry

« Green » process

no surface preparation, no grinding or cleaning is required. No spar, no smoke, no noise.

« Cold » welding

or more precisely pastry state welding. Without melting and no material input.