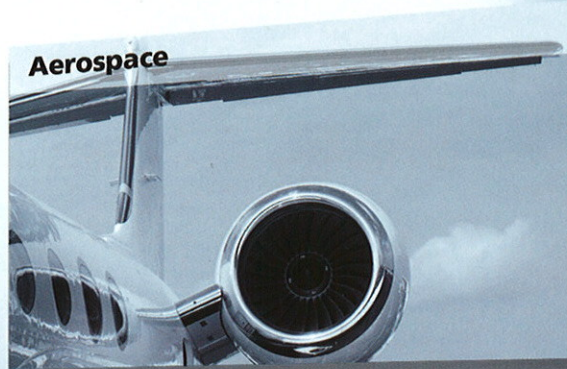


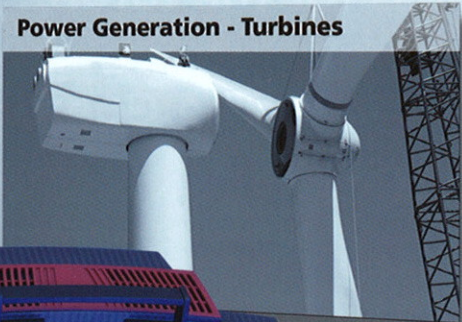
Cast Metal & Diecasting Times



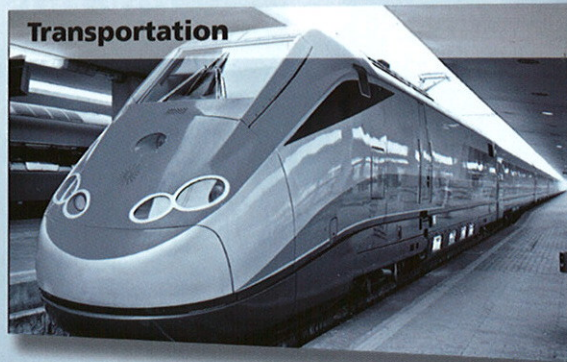
Automotive



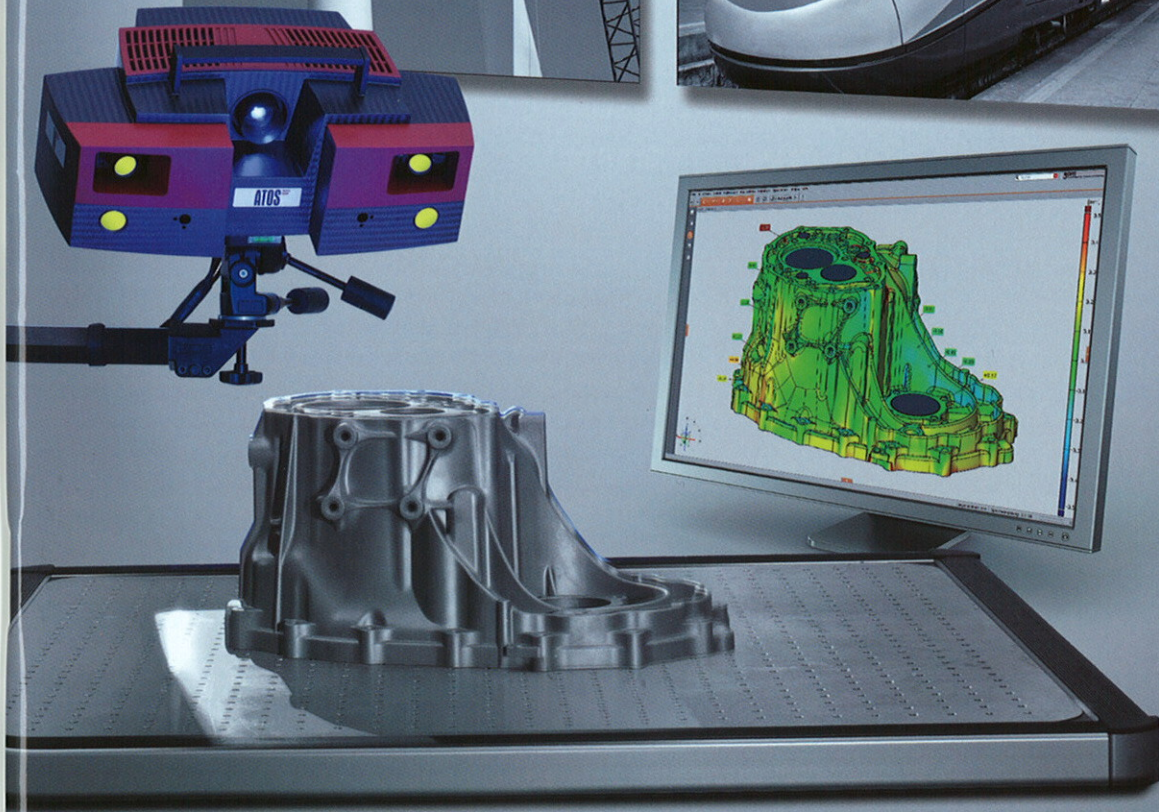
Aerospace



Power Generation - Turbines



Transportation



■ Optical metrology solutions for UK investment caster

■ Renewable energy stimulates foundry growth

■ Euroguss 2012 exhibition preview

■ ZML Industries foundry expansion

■ Pouring predictive control

■ Creating the perfect casting

■ How to simplify pouring procedures

■ Reclaimable inorganic binder system innovation

■ Titus Group Company Profile

■ Working day in the life of Ulf Kapitzka at AGTOS

■ Insulation developments from Unifrax

■ John Winter & Co interview

■ Spanish blasting innovations unveiled

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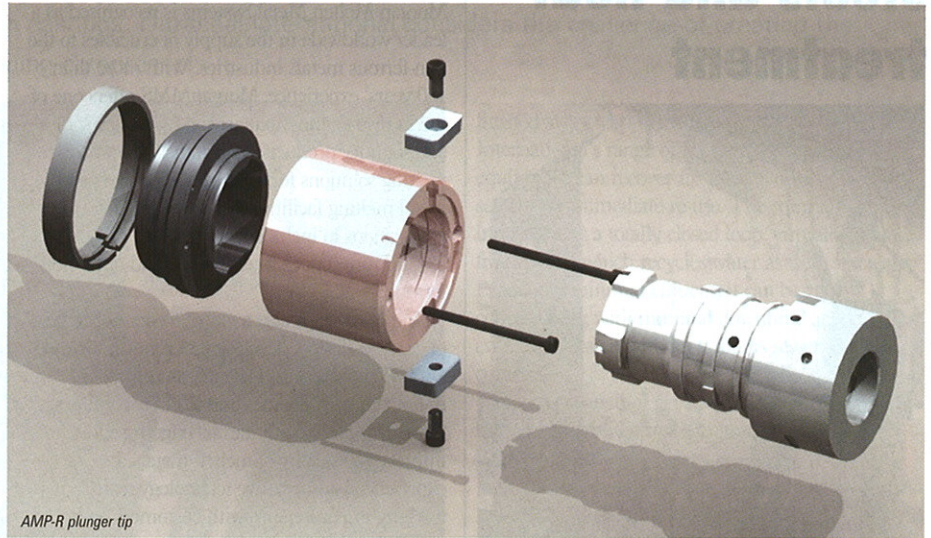
Advanced diecast tooling system

Our economy has been reset. That is a fact. We cannot change it. We must accept it and manage to operate within the parameters of this newly reset business environment for an indefinite period.

How can the diecasting industry best and most profitably reset itself? The short answer has to be... by better diecasting.

A huge and unexpected opportunity in a single market sector has developed almost overnight and at the same time, almost all other sectors are in sharp decline. Competition has suddenly become intense. Some diecasting plants are already closed.

Vacuum assisted diecasting was introduced primarily to enable diecasters to meet the demands of automakers and their tier one vendors. Some diecasters used it well and became very successful. Others did not. The reason most often was that they did not realise that the technology of the vacuum assist is so unforgiving. A diecast shot end system using vacuum either works very well or it is worse than useless.



AMP-R plunger tip

only a few years ago.

Yesterday, the choice was cheaper or better. There is no longer a choice. Today, the product must be cheaper and better. It is fair to assume that in today's business climate, most diecasters who do not embrace vacuum assist will probably fail.

The market is there. The improved technology is available. The time is now.

CASTOOL Tooling Systems is globally acclaimed as a provider of today's most technologically advanced production tooling and equipment for the light metal diecast industry. CASTOOL is also the

leading advocate of the theory that any diecast process will be more productive if it is always considered as a unified system, made up of a group of interactive components, working together in a common cause. The focus then is on the function performed by two or more components, rather than the action of one. This assumption has been profitably adopted by many major global diecasters.

Castool Tooling Systems and its subsidiary company Allper will be displaying their diecast tooling system at Euroguss 2012, Stand 7A-102.

Reader Reply No.42



Now, the temperatures of both the plunger tip and the shot sleeve are being controlled better than ever before. Their interaction is improved and the integrity of the seal assured. Also, the best vacuum valves are now infinitely more reliable than those of

CASTOOL TOOLING SYSTEMS MAKES DIE CASTING BETTER



**Thermally Stable
Plunger Tips**



**Plunger Rods with
Integrated Lubrication System**



**Thermally Controlled
Shot Sleeves**



**Metal Activated Vacuum
Valves and Control Systems**

Today's Global Standard of Excellence







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