

Updates from **FONDERIE BARTALESI** on its latest patented alloy

When it comes to sand and shell casting manufacture for copper and aluminium alloys, including cast iron, FONDERIE BARTALESI has been operative within both the Italian and global markets for over fifty years. Headquartered in Tuscany, its complete service offer spans design and finished casting, as well as machining.



MOULDS



per, Fonderie Bartalesi reports updated glass-moulding data from glassmaker customers that attest now to the alloy's optimum performance in comparison with others currently on the market - a success the company attributes to the alloy's high conductivity and thermal diffusion, coupled with its great durability, excellent mould cleaning and ease of metallization.

WHAT THE DATA SHOWS

All this has a positive effect upon mould lifespan, which submitted data indicates at an added 50 percent circa. Here, in two different materials, the significant difference in production of the same set of blow moulds:

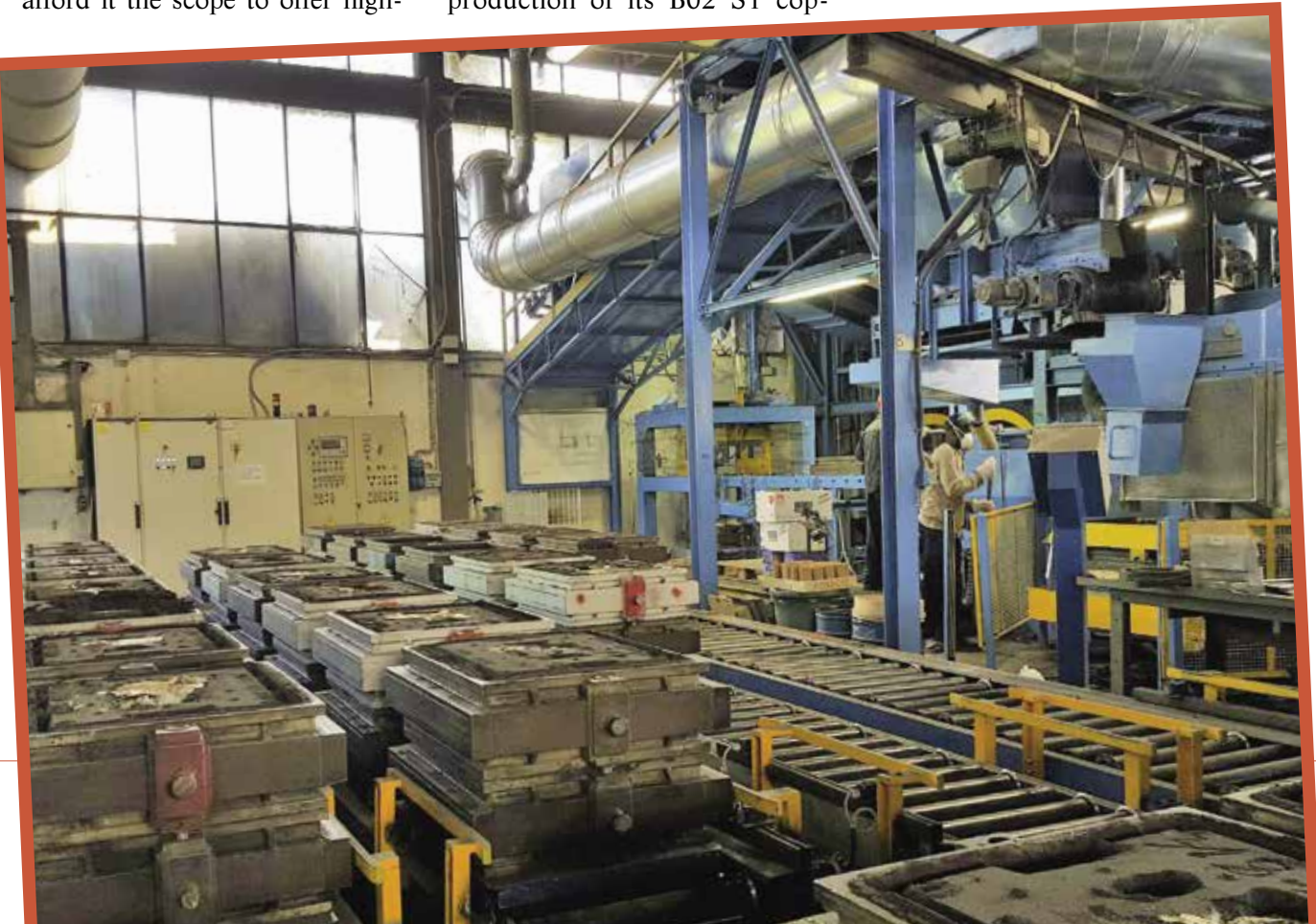
B03 alloy production (standard bronze) 65.324.356

Fonderie Bartalesi's production consists in sand casting, sand and resin casting, and includes gravity casting of both not-ferrous metals and cast iron. Together with its particular work procedures, the company's latest equipment and technologies afford it the scope to offer high-

quality products to its customers. Not least among these is the internationally-registered "B02 S1" industrial patent - of which it remains the proud proprietor.

CUSTOMER FEEDBACK

Almost five years following the production of its B02 S1 cop-



B02S1 alloy production (special, Fonderie Bartalesi bronze) 94.425.240 (and the mould is still working)

This means a 44.55 percent production increase in comparison with standard bronze - all moulds being still in production.

End-of-life hypothesis, with another campaign, at an added 60 percent circa.

OVER 2.5 MILLION MOULD-MANUFACTURED BOTTLES

As certain major glassmaking groups have used this new alloy for a while already, some are now including it as their exclusive reference for "bronze" mould production. Indeed the alloy has achieved noteworthy results - not only in mould production but also in the production of neck rings - and bottom plates/baffles as well. Always relative to mould and accessories production, whilst developing existing materials Fonderie Bartalesi continues to invest still in research and development around new ones. ■



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