

Almorgroup

Fusion Master Furnace Baskets

ALMOR offers a comprehensive range of furnace parts and services



FusionMaster – a breakthrough in furnace baskets.

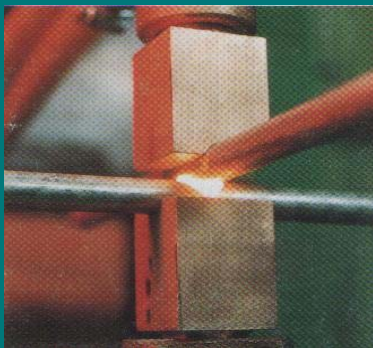
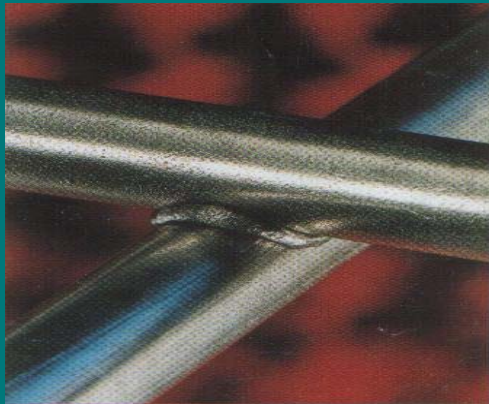
Most bar baskets are conventionally welded from heat resisting steel bar, but the joint configuration produced by two round bars at 90° leaves very little contact area leading to extended weld times. Even with care it is still not possible to ensure a 100% weld every time. Poor weld bead profiles and undercut can lead to premature service failures particularly in baskets used for carburising.

With **FusionMaster** the main grid of the basket is resistance welded, providing a high integrity joint having greatly increased weld area with no possibility of gaps or inclusion. With fusion welding there are no doubts about weld penetration and each joint is complete in just a few seconds.

The cost savings being made by the introduction of this well established and proven technology are being passed on to our customers with savings of up to 20%.

FusionMaster furnace baskets are ideal for use in conventional Sealed Quench, Vacuum and other furnace applications and is available constructed from 6mm, 8mm, 12mm and 16mm bar. Conventional welding methods are retained for those joint areas not suited to fusion welding.

A range of expanded metal and woven wire mesh basket liners is also available



For more information

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