

FURNACES, KILNS, OVENS & DRYERS

New turbine mixer for local market

Concrete block, brick and paving machinery manufacturer Pan Mixers has launched its 100-ℓ turbine mixer specifically designed for refractory site work.

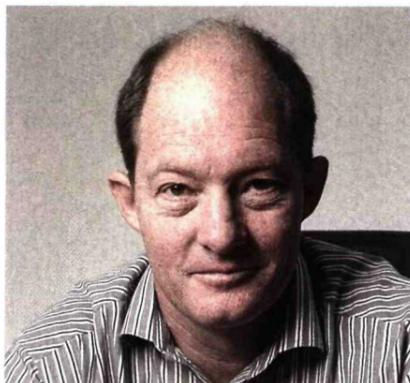
“The turbine pan mixers are well suited for mixing refractory castables, for casting, as well as the lining of furnaces. Pan Mixers has a refractory mixer in the turbine range, called the R500, which has been specifically manufactured for the larger 1-t batches of refractory,” says Pan Mixers director **Robert Ebeling**.

As a provider of mixers across several industry sectors, the company is constantly researching, developing and introducing products that offer solutions for the metallurgy, concrete, refractory and ceramic industries.

“With the 180-ℓ, 300-ℓ and 500-ℓ mixers already popular with the market, we have launched the 100-ℓ turbine mixer particularly suited for refractory site work.

“It is a lighter mixer than others, which means it is easily lifted and moved around a work site,” says Pan Mixers director **Walter Ebeling**.

The 100-ℓ mixer has a low discharge height, and a right-angled motor and gearbox that enhance mobility. It also has the same technology and strength of the larger mixers in this range. The company reports that the mixing technique was developed in the early 1980s and has proved extremely effective in mixing castables. During the process, the



WALTER EBELING
The mixer's low discharge height and right-angled motor add to its mobility

material being mixed is lifted and sheared by the machine, which continually splits the mix upwards, downwards and sideways.

Robert Ebeling adds that this technique is effective in the metallurgical field, as well as in the mixing of clays, refractory materials, foundry sands, traditional concretes and even cement colourants.

“This launch comes after requests from clients for a machine that fills the gap between our laboratory pan mixers, which are countercurrent and mix intensively, and our larger turbine pan mixers that are heavier and less mobile than the 100-ℓ model,” says Robert Ebeling.

The company reports that with clients in



100-ℓ TURBINE MIXER
The turbine mixer, suited for mixing refractory castables, was launched in June

the metallurgy industry, that include steel producers ArcelorMittal South Africa, Highveld Steel & Vanadium, ceramic specialist Vesuvius and refractories producer Vereeniging Refractories, Pan Mixer's products are gaining recognition in the South African industrial market.

The company prides itself on the kind of service delivery it was founded on, in 1976. “The fact that some clients still request parts for a 20-year-old machine shows our ongoing commitment to quality,” explains Walter. For this reason, the company maintains about R27-million worth of spare parts for its customers' equipment.

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