

# Behind **you** all the way

We build our machines to keep going - and we have a complete system in place to make sure that they do. From maintenance to repair, from advice to spares, we put all our weight behind our customers - just as you'd expect from Europe's leader in the field.



- A national network of fully trained specialist engineers
- Service at your site or in our factory
- Fast, efficient service to keep you working
- Huge stock of all spares from shear pins to augers
- Computerised calibration service for maximum accuracy
- National telephone help line with out-of-hours service



## **Armcon Cementech Europe**

Armcon Business Park, London Road South, Poynton, Stockport SK12 1LQ, United Kingdom.

Telephone: +44 (0) 1625 856685 Facsimile: +44 (0) 1625 856688  
sales@armcon.com www.cementechurope.com



precise

productive

profitable



# ARMCON cementech

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# The Case for Volumetric Mixers

The pedigree of the rotary drum mixer is well-established: so are its drawbacks. Once loaded, it has a fixed amount of concrete to deliver within a fixed period of time before it sets. The mix cannot be changed and, if the customer has over-ordered, concrete goes to waste. If they have under-ordered, the mixer must return to the batching plant for a part load.



The solution is a Cementech volumetric mixer from Europe's leading specialist - Armcon. Because dry ingredients are mixed on the spot, the concrete always arrives fresh - no older than seven seconds - on site. The Cementech machine's uniquely precise dispensing system means our mixers are accurate to within  $\pm 1\%$  of volume delivered and, if the customer has over-ordered, the mixer can be shut off without any wasted concrete. The mix can be changed during the run to suit customer specifications precisely so, if two different mixes are required, there is no need to return to the batching plant.

In other words, there are no part loads, no waste, no time limits, just precise, profitable productivity - a premium service that customers appreciate.



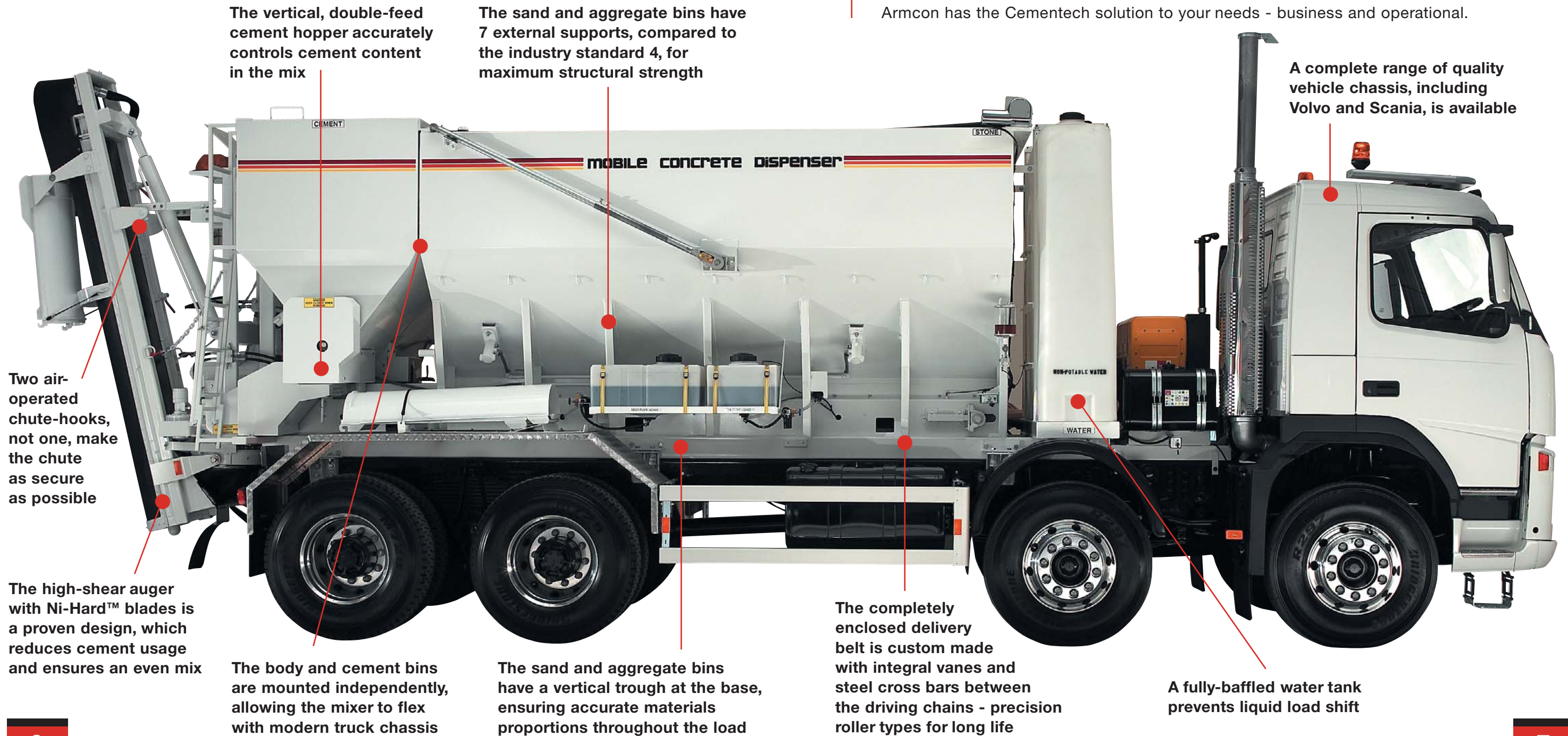
# Who are we?

Armcon has been in the concrete business for 25 years: a solid company with a thorough understanding of the industry. At every stage from specification to maintenance we have specialists on hand to make sure you get the advice, the machines and the service you need. The quality of our products is rooted in their evolution: decades of continual refinement and improvement, creating the most precise, durable and dependable volumetric mixers available. Our expertise enables us to provide a complete concrete consultancy service for operators of all sizes. Whether your business is a start-up or an established concern looking to maximise efficiency, productivity and profitability, Armcon has a solution to offer.



# The Cementech solution

Armcon's leading position in the volumetric mixer market is no coincidence. All our machines are built to withstand the rigours of working life and we consider every detail at the design stage. Engineered for maximum working life, a Cementech mixer is built with easily-replaceable wearing parts and, where stock components like delivery belts do not meet our standard, we have them made to our own specification. Unlike the vast majority of mobile volumetric mixers, ours are specifically tailored to the European market, with weight distribution ideally suited to the truck chassis used throughout the EU. With options such as digital ticket and receipt printing, fibre and liquid additive mixing and precision delivery via powered, extendable chutes over a 7 metre radius, Armcon has the Cementech solution to your needs - business and operational.



The vertical, double-feed cement hopper accurately controls cement content in the mix

The sand and aggregate bins have 7 external supports, compared to the industry standard 4, for maximum structural strength

A complete range of quality vehicle chassis, including Volvo and Scania, is available

Two air-operated chute-hooks, not one, make the chute as secure as possible

The high-shear auger with Ni-Hard™ blades is a proven design, which reduces cement usage and ensures an even mix

The body and cement bins are mounted independently, allowing the mixer to flex with modern truck chassis

The sand and aggregate bins have a vertical trough at the base, ensuring accurate materials proportions throughout the load

The completely enclosed delivery belt is custom made with integral vanes and steel cross bars between the driving chains - precision roller types for long life

A fully-baffled water tank prevents liquid load shift

For Armcon, building and selling a mixer is the beginning of the relationship with the customer, not the end. In fact, we don't even think of ourselves as simply selling machines. What we sell is the ability to produce concrete precisely and profitably. To make this possible for our customers we provide a complete support service that begins before the mixer is even delivered.

We offer complete training on our machines, not simply in their mechanical operation but in how to use them to maximise the earning power of your business - the accumulated techniques and insights of over a decade's experience.

Once the machine is in the field, it will be looked after by our dedicated support technicians so that, if there is a problem, it will be fixed as quickly as possible, getting you back in business. For scheduled maintenance and repairs alike, our 90,000 sq. ft. facility is fully equipped to keep your machine working as well as the day it was delivered.



# Concrete support

# Designed for **success**

Meticulous attention to detail means that a Cementech mixer lasts longer, works more productively and delivers better reliability than the competition. Here are just a few examples of why that's true...



The body and cement bin are separately mounted on sprung bolts, protecting them from distortion and preventing cracks.



The sand and aggregate hoppers have a 4-inch vertical trough at the base ensuring accurate quantities throughout the load.



The cement hopper has twin, self-cleaning dispensing augers, meaning our machines easily conform to the stringent requirements of EN206-1 and have achieved third-party quality assurance.



Impact-type vibrators, more effective than conventional oscillator models, ensure an even flow of materials without bridging or obstructions.



The Armcon Cementech Max-Life™ auger bearing is a sealed unit, which not only extends service life by preventing slurry ingress but does away with the need for daily lubrication.

# The right solution for **you**

A range of optional facilities that increase the productivity and profitability of the Cementech range and tailor your machine to your requirements...



## Digital ticket printer

Give your customers a digitally precise account of what's delivered - not just volume but precise cement, water, sand and aggregate quantities: it records exactly what was delivered and when.



## Pumpmaster auger

Armcon Cementech's revolutionary Pumpmaster auger, with its advanced paddle geometry, lets our mixers deliver at up-angles of up to 45°, making them ideal for use with concrete pumps.



## Admix systems

Systems are available for adding foaming agents, colours and plasticisers as well as fibre reinforcement.



## Remote control

With a cordless remote unit the operator can manage the delivery of concrete from wherever they need to be, making for on-the-spot control and a cleaner crew.



## Choice of power source

You can choose from PTO drive or a range of auxiliary engines from the world's best manufacturers for your ideal blend of economy, power and noise control.