

# ARMCON®

## VOLUMETRIC CONCRETE MIXERS



... ADVANCING CONCRETE DELIVERY

# ABOUT US

**Armcon is widely recognised as the UK's leading supplier of volumetric concrete mixers and associated support services. Our position in the market has been built steadily over time through technical expertise, long-term customer relationships, and a consistent focus on quality and reliability.**

**From the early introduction of volumetric mixing technology into the UK, Armcon has played an important role in supporting its growth and adoption. That experience has shaped a deep understanding of the practical, operational, and commercial demands faced by customers operating in a competitive construction environment.**

**Today, Armcon supplies and supports volumetric mixers nationwide, backed by a comprehensive aftermarket operation encompassing parts, servicing, warranty support, and technical assistance. This customer-focused approach aligns closely with Terex ProAll, whose mixers are recognised globally for their engineering quality, performance, and durability.**

**The decision to partner with Terex ProAll reflects a shared commitment to proven technology, continuous improvement, and long-term value. ProAll mixers are recognised worldwide as a benchmark in volumetric concrete production, and Armcon is proud to represent and support this world-class product as the only supplier to the UK market.**

**Looking to the future, Armcon continues to invest in people, infrastructure, and regional support to meet evolving customer needs. As the industry moves towards greater efficiency, innovation, and sustainability, Armcon remains focused on delivering dependable solutions, supported by expertise and service that customers can rely on.**

**Our success has been built on doing the fundamentals well: supplying premium equipment, providing responsive support, and building lasting partnerships. By combining Armcon's deep understanding of the UK market with Terex ProAll's global engineering expertise, we offer customers a partnership built on trust, performance, and long-term value – today and into the future.**

# INTRODUCING THE PROALL L80-25 FEATURES





# COMMANDER CONTROL SYSTEM

**Automated control system for mobile concrete mixers offers the following benefits:**

**Streamlined Operations:** eliminates the need for manual adjustments, saving time and effort during operations.

**Real-time Information:** Digital controls provide operators with immediate feedback on the mixer's performance, enabling precise adjustments.

**User-friendly Interface:** The control system features an intuitive interface for easy navigation and access to critical parameters.

**Data-driven Improvement:** The automated control system allows operators to analyse historical information and make data-driven improvements by storing and retrieving mixing data.

**Enhanced Accuracy:** The automated control system ensures precise control over critical parameters, producing consistent and high-quality concrete.

This automated control system optimises operations, provides real-time feedback offers a user-friendly interface, enables data-driven improvements, and enhances accuracy for superior concrete production.

## The Features:

- 4 admix systems, 5 powder/auxiliary system capability
- Ability to set moisture contents
- Auger boom/swing/chute joystick
- Automated admix
- Auto stow function
- Automated water
- Automatic calculation of gate settings and ratios
- Calibration for aggregates and powders
- Data logging for thousands of previous mix jobs
- Digital adjustable auxiliary ratio for colour and fly ash (up to 4)
- Digital adjustable cement ratio
- Digital adjustable vibrator times
- Digital auger and belt speed settings
- Digital production rate display (m<sup>3</sup>)
- Mix design loading and saving (up to 50)
- Printable receipts for last 25 jobs
- Selectable print options
- Volume stop feature
- Water set points adjusted on screen with changes in belt speed
- Water wash out mode



# OUR MIXERS LINEUP

## L60



6.1 m<sup>3</sup> production capacity  
50 m<sup>3</sup> / hr production rate  
4.5 m<sup>3</sup> aggregate bin  
4.0 m<sup>3</sup> sand bin  
2.1 m<sup>3</sup> cement bin  
2250 L water tank  
3403 kg net weight - ALUMINUM BODY

## P85



7.6 m<sup>3</sup> production capacity  
50 m<sup>3</sup> / hr production rate  
5.2 m<sup>3</sup> aggregate bin  
4.6 m<sup>3</sup> sand bin  
3.2 m<sup>3</sup> cement bin  
2250 L water tank  
5180 kg net weight

## L80-25



8 m<sup>3</sup> production capacity  
50 m<sup>3</sup> / hr production rate  
5.7 m<sup>3</sup> aggregate bin  
4.4 m<sup>3</sup> sand bin  
2.6 m<sup>3</sup> cement bin  
2250 L water tank  
3732 kg net weight - ALUMINUM BODY

## P95



**9.2 m<sup>3</sup>** production capacity  
**50 m<sup>3</sup> / hr** production rate  
**6.3 m<sup>3</sup>** aggregate bin  
**5.5 m<sup>3</sup>** sand bin  
**3.2 m<sup>3</sup>** cement bin  
**2250 L** water tank  
**5502 kg** net weight

## P85 PRECAST MIXER



**7.6 m<sup>3</sup>** production capacity  
**50 m<sup>3</sup> / hr** production rate  
**5.2 m<sup>3</sup>** aggregate bin  
**4.6 m<sup>3</sup>** sand bin  
**3.2 m<sup>3</sup>** cement bin  
**2250 L** water tank  
**5573 kg** net weight  
**45 kW** electric power pack

## P95 TRAILER



**9.2 m<sup>3</sup>** production capacity  
**50 m<sup>3</sup>** production rate  
**6.3 m<sup>3</sup>** aggregate bin  
**5.5 m<sup>3</sup>** sand bin  
**3.2 m<sup>3</sup>** cement bin  
**2250 L** water tank  
**5897 kg** net weight  
**56 kW** Diesel power pack

# ADDITIONAL OPTIONS

## Body

- Aggregate Bin Liner
- 360° Swivel Chute
- Aluminum Tool Box
- Aerator System for Cement Bin
- Aggregate Bin Extensions
- Pneumatic Fill
- Dual Water Tank Fill
- Fly Ash Bin
- Water Tank Ladder

## Safety

- Standard System Rear Ladder & Platform
- Cement Bin Safety Rail

## Verification

- Belt Materials Sensors
- Gate Height
- Verification Sensors
- Load Cell System

## Application

- 12" Mixing Auger
- Additional Vibrators
- Colour Feeder
- Fibre Feeder
- Gunite Auger
- Heat Exchanger
- Additional Admix Tanks

## Additional

- Pressure Washer
- Custom Paint
- Extra Oil Cooler
- Auto-Lube System

# HORIZONTAL SILO\*

## Technical specifications

SILO CAPACITY	30 m <sup>3</sup>
SILO WEIGHT	15.460 kg
SILO BODY MATERIAL	ST -37, 5 mm SHEET METAL
TOP COVER MATERIAL OF SILO	ST -37, 4 mm SHEET METAL.
SILO BODY MATERIAL	ST -37, 5 mm SHEET METAL

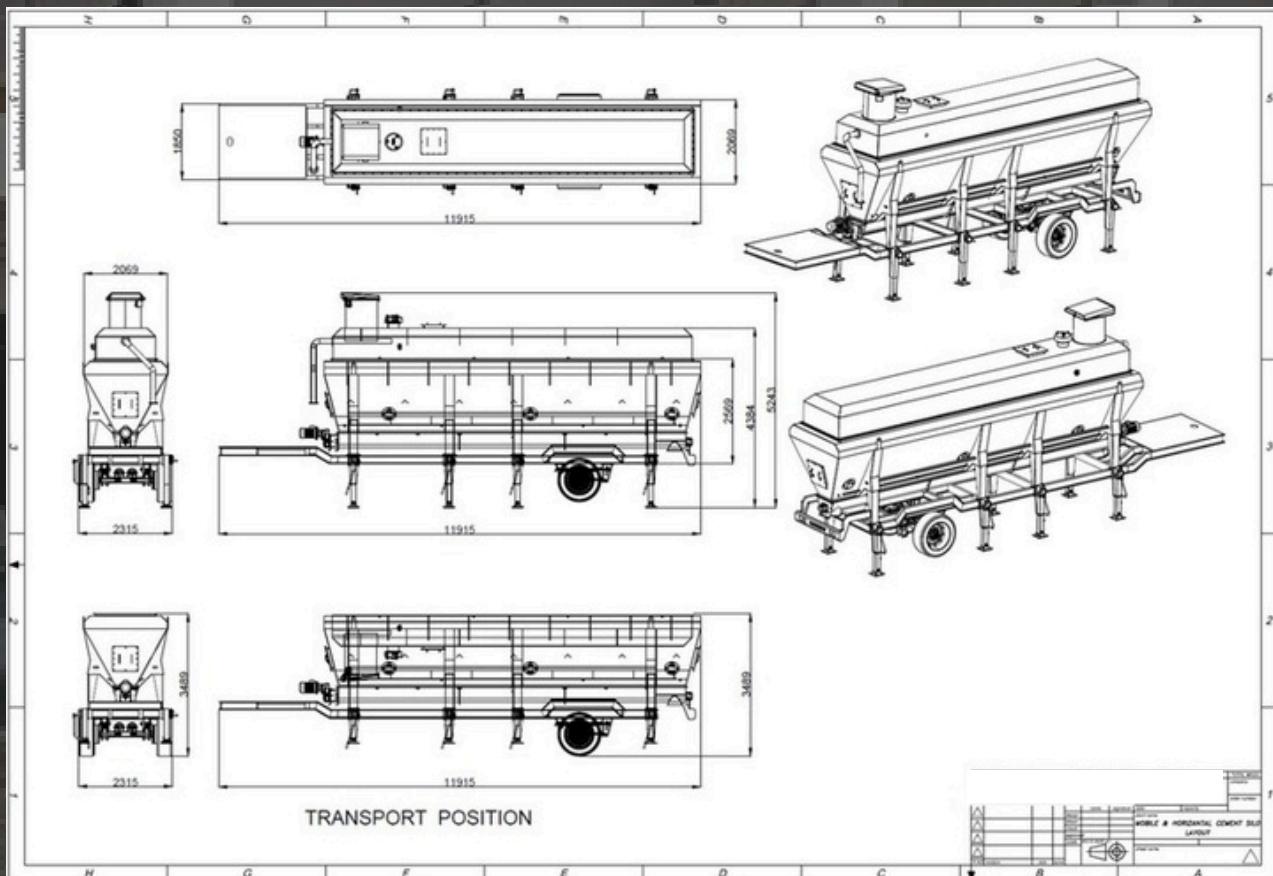
SCREW CONVEYOR - Ø273\* 8000 mm

SILO TOP FILTER

SAFETY VALVE, PNEUMATICAL EQUIPMENT, STEEL ROPE, SILO  
ACCESSORIES

SILO IS EQUIPPED WITH 3 PCS 0.37 KW VIBRATORS, A V-TYPE  
SCREW CONVEYOR, FLUIDIZATION NOZZLES AND PNEUMATIC  
INSTALLATION ELEMENTS.

THE MAINTENANCE DOOR IS PRESENT ON BOTH SIDES AND ON THE  
ROOF.



\*horizontal silo provided by Armcon will be a static unit

# ADMIXTURES

## AP3000

Low dose, high-performance water reducing plasticiser/retarder. It improves the strength, durability and density of concrete while reducing water usage.

## Armair

Concrete air entraining agent. Increases durability, reduces freeze-thaw attack, improves workability, and guarantees consistent high performance.

## Armfoam

Liquid foaming agent for cementitious systems. Ideal for trench fill, ground reinstatement, can be accelerated to allow black topping within 24-hour cycle, up to 50%+ increase in volume, reduces strength for easy breakout.

## CRA3

Non-hazardous chemical release agent and barrier cream for all concrete equipment. Can be washed off with warm soapy water, helps prevent cement and concrete build up.

## Armplas Super

Low-dose, high-performance super plasticiser. 15% – 40% water reduction, no retard effect, improved durability, increased workability time, extremely low water/cement ratios.

## Armset

Chloride free set accelerator (Non-Hazardous). Permits earlier finishing of units, neutral pH non-caustic, reduces reinforcement corrosion fears associated with chloride-based accelerators, reduces breakages – allowing earlier handling.

## Armproof

Water permeability reducer/densifier for wet and semi-dry cement systems. It improves durability, more resistance to frost attack, reduces efflorescence effects, improves colour retention in pigmented mixes, hardened surface finishes stay cleaner.

# FIBRES

## FIBRILLATED FIBRE REINFORCEMENT

Fibrillated fibres, designed to break loose with friction from the aggregates, will help to control concrete cracking caused by plastic and dry shrinkage.



## MONO FILAMENT FIBRE REINFORCEMENT

Prevents the formation of plastic shrinkage cracks, replaces steel shrink wire mesh, reduces the porosity and permeability of concrete, increases the impact resistance and durability of concrete, and reduces transport damage of prefab concrete.



## GLASS FIBRE ROVING REINFORCEMENT

Glass fibre roving reinforcement provides protection against chips and cracks in precast products. It also reduces damage to concrete products whilst handling.



A large, two-story red brick building with a modern, angular extension on the left. In the foreground, several dark-colored cars are parked in a row, facing towards the right. The sky is a uniform reddish-orange.

THE ARMCON

AFTERCARE

DIFFERENCE

At Armcon, aftermarket support is central to everything we do. We understand that uptime, reliability, and responsive service are critical to our customers' operations. Our aftermarket structure is designed to support equipment throughout its working life, providing practical solutions backed by experience, technical knowledge, and a strong commitment to customer care.



## CUSTOMER SERVICE

Our customer service team acts as the first point of contact for customers, providing clear communication, practical advice, and prompt support. With in-depth knowledge of volumetric mixing equipment and the operational pressures faced on site, our team works closely with customers to understand their requirements and respond effectively.



## SERVICING & REPAIRS

Armcon provides comprehensive servicing and repair support through a team of experienced, expertly trained engineers. Operating both from our facilities and via mobile service units, our engineers are equipped to carry out routine maintenance, diagnostics, and complex repairs on volumetric mixers and associated equipment.

We place strong emphasis on preventative maintenance to reduce downtime and extend equipment life. When issues do arise, our service teams respond quickly and efficiently, working to minimise disruption and return equipment to operation as soon as possible. All work is carried out to manufacturer standards, ensuring performance, safety, and reliability are maintained.



## PARTS

Our parts operation is designed to support customers with fast access to the components they need, when they need them. Armcon stocks a wide range of Genuine Terex ProAll parts, alongside carefully selected consumables and service items, ensuring compatibility, performance, and longevity.

With dedicated parts specialists and efficient logistics, we offer rapid dispatch and next-day delivery on many items. By supplying the correct parts and providing expert advice, we help customers reduce downtime, protect their equipment, and achieve consistent, reliable performance over the long term.

## CONTACT US



ARMCON LIMITED  
ARMCON BUSINESS PARK  
LONDON ROAD SOUTH  
POYNTON, STOCKPORT  
SK12 1LQ



01625 856 685



SALES@ARMCON.COM

**FOLLOW  
US**



Armcon Limited

@ArmconLtd

@ArmconMixers

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