



# Concrete mixers



*At SERVIPLEM BARYVAL we place special emphasis on excellence at work. A highly-qualified human resource team is our number one concern for offering products of the utmost quality on a day to day basis.*

*Our goal is not only to produce concrete mixers for those who search for the best, but also to offer our clients an efficient after-sales system which assures them the support that is necessary for the maintenance of our products. Innovation, continuous improvement, customised attention, and maximum coverage for our customers are the rules that guide us in our keen endeavour to strive each day to improve our work.*



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*Tu mejor Socio*



# Since 1968 we have been constantly innovating in an effort to offer our customers the best possible service

We have confidence in what we do, and therefore we provide our customers with maximum value, through quality products and services that are constantly going through a process of innovation.



**SERVIPLEM-BARYVAL: A company with a global vision.**

We have been specialising in manufacturing concrete mixers mounted on trucks and trailers since 1968, and have always shown a predilection for keeping the customer clearly in mind. We are a global supplier for products within the concrete and cement transportation sector.

We have been making tankers for transporting cement and powders ever since 1990.

We encourage strategic alliances, along with new agreements for assembly and manufacturing in other countries, integrating our know-how at various different levels.

BARYVAL products are ready to satisfy the needs of clients from all over the world. We adapt our products to the demands of each market.

Our teams are currently present in more than 50 countries on all five continents.



**Human resource team. Always available for our customers.**

The willingness to actively listen espoused by our human resource team, which is very professional and highly specialised, will give you confidence when working with us.

Baryval - all over the world, and always available and close to hand for all our customers.

For us the most important thing is your trust and satisfaction.



**BARYVAL, *your best partner***

The BARYVAL brand name means commitment and being entirely at the customer's service.

Carrying out our motto, *Baryval, your best partner*, means, in addition to offering the customer a reliable product for the transport and mixing of the concrete, also offering them greater added value: a service that is always to hand, wherever you are.

Closeness and proximity of a great human resource team that works responsibly on achieving common goals: being the best work colleague.

We hope you will perceive the motto of our company and share it with us: **SERVIPLEM-BARYVAL, your best partner.**



**Innovation & Quality service**

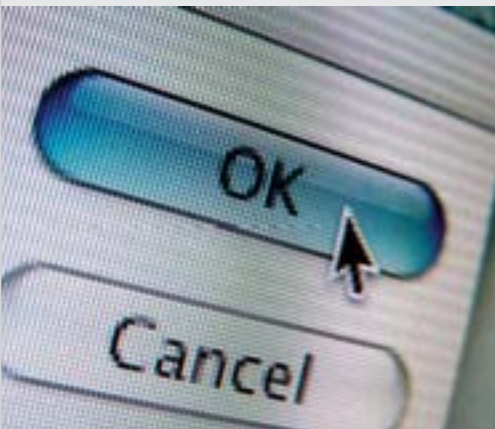
High-quality performance of BARYVAL concrete mixers, thanks to the technologies used in their design and manufacturing procedures (FEM method for finite elements, 3D, etc.).

Designed for those that want robust and innovative equipment they can be satisfied with, and a service they can appreciate for its proximity, which will not bring their work to a standstill.

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## AMB TRUCK CONCRETE-MIXER



Our customers choose BARYVAL equipment because they want a reliable product, and an accessible, innovative supplier. Innovation & Service.

- Robust equipment, with a greater loading capacity: enabling larger amounts of concrete to be transported, thereby making each trip more economical.
- Lower centre of gravity: reduction in height of the whole unit and more reliable and steady behaviour when transporting loads, thereby increasing safety.
- Standard manufacturing processes with superior 4 mm DOMEX 600 (DX 600) steel, highly resistant to wear and tear and with a high elastic limit.
- \*In extra-lightweight concrete mixers: 3 mm-thick DOMEX WEAR (DX WEAR) steel.
- The technology used in designing drums and blades (FEM method for finite elements), guarantees optimum mixing of the concrete, and also rapid and efficient unloading.
- 6-mm thick anti-wear protection on the blades for greater durability and the perfect mix of concrete.
- Production with special tools, thereby ensuring evenness in the finished product.



- Quality assurance for the perfect finish in the equipment: all steel parts are shotblasted, with a double layer of anti-rust primer being applied. Preparation and sanding in specialised cubicles. Finished off with two-component polyurethane paintwork.

We carry out constant quality checks to ensure our equipment has a perfect finish.

# CONCRETE-MIXERS on BARYVAL Semi-Trailers



## Lighten the load for your equipment

Equipping your truck and semi-trailer concrete mixers with the lightest components and optional extras on the market.

**Lightweight concrete mixers:** Drum in 4 mm DOMEX 600 (DX 600) steel, plus the lightweight components selected, according to the weight you wish to achieve for your concrete-mixers.

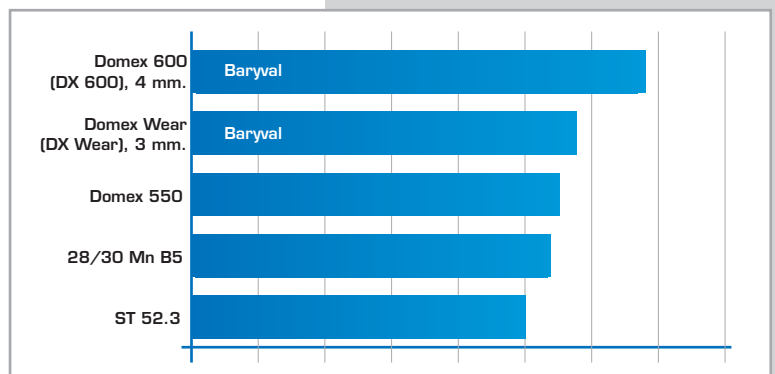
**Extra-lightweight concrete mixers:** DOMEX WEAR (DX WEAR) 3 mm steel drum. This is the result of incorporating the lightest components on the market in this concrete mixer: really lightweight drum with the lightest components and optional extras as required. Much lighter overall and longer-lasting.

All progress is geared to reducing deadweight, and also to using new materials for better handling, ergonomics and performance of the concrete mixers, thus offering the user greater advantages.



Lightweight concrete mixers: ideal for transporting more concrete by reducing the equipment's deadweight.

Make trips more profitable.



Proportion of resistance to wear and tear

## Production process

Production centres: **Installations Zaragoza.**



Total surface area: 45.000 m<sup>2</sup> - Delegations: Madrid and Barcelona



General view of the installations for assembling the drums. The different components forming the drum are manufactured separately using special tools. Once the subcomponents have been assembled, the external welding is done.



Welding process for the mixing blades, inside a special drum. The drum barrels are assembled beforehand, and the unit is placed in the tool with centring rings for its alignment.



In our desire to improve the quality of our productive line, we are incorporating the latest developments in automatic welding and cutting processes.

We take advantage of the latest technology and the most highly qualified professionals to make each concrete mixer a perfect solution to our clients' needs.

## Production process

We are faithful to a manufacturing philosophy that looks at even the smallest details in the production process along with customisation and the final finish of each concrete mixer.



Superficial shotblasting process for the drum carried out in cubicles. The double layer of epoxy primer is then applied to protect against rust. This shotblasting and priming process is applied to all elements that are assembled later on.



Assembly process for the concrete mixer, using an assembly line that works according to Lean Manufacturing philosophy. The main elements of the machine are assembled before being mounted on the client's truck.



General view of the final assembly shop. The high degree of customisation concerning the product implies the custom-designed assembly of the various optional extras that have been selected by the client. The concrete mixer becomes operational during this phase of the process and is prepared for the painting and finishing stages. A comprehensive audit is performed on its performance capabilities.



It is extremely important that the surfaces of the vehicle should be prepared properly before painting. To do this, we have special cubicles where they can be sanded down, cleaned and have any grease removed.



High-quality painting process. This is done under the supervision of our DUPONT paint supplier.



View of the finishing section in our assembly shop. The concrete mixer has now been painted and on top are mounted the final elements that complete the vehicle's bodybuilding process. Following this process, an audit is performed for the final inspection of the product.



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**BARYVAL AMB TRUCK-MOUNTED CONCRETE MIXERS**



Because of our strong rapport with customers, we are able to create concrete mixers ever more suited to their present and future needs.

**4 to 12 m<sup>3</sup>**

Baryval concrete mixers come fully-equipped, combining a series of high-performance features with maximum safety and comfort.

As a standard feature, the drum is manufactured from DOMEX 600 (DX 600), 4 mm. steel, resistant to wear and with high tensile strength to ensure maximum equipment protection.

Increased durability means a longer life and higher returns from the concrete mixer.



## BARYVAL AMB Truck-mounted CONCRETE MIXERS



6 mm. anti-wear protective reinforcement on all blades.

Fibreglass chutes for greater user ergonomics. To lighten the weight.

Industry approved, pressurised or pump controlled water tanks.

Equipped with a wide platform and ladder with anti-slip rungs, designed with user safety in mind.

Single fixed arm as standard feature, making maintenance and cleaning easy.

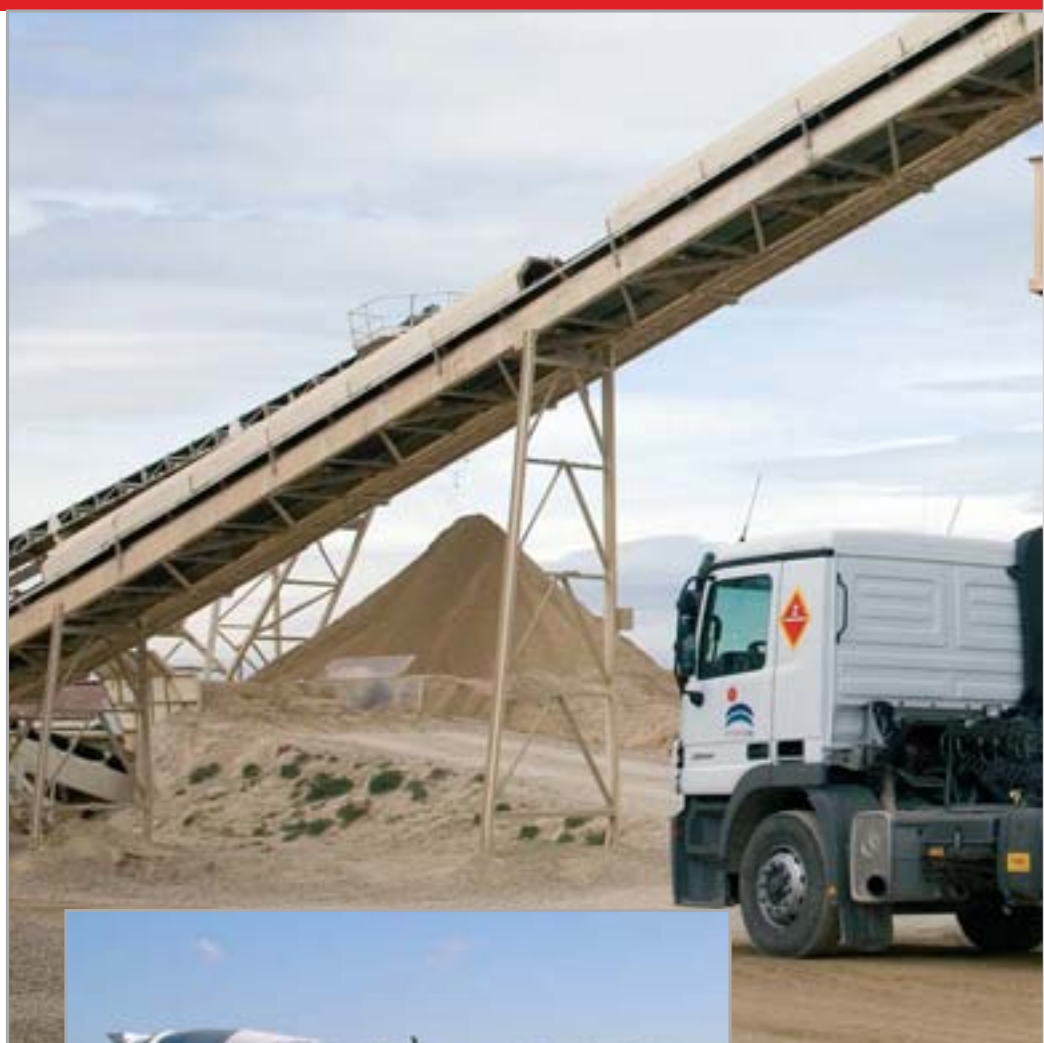
All components are from leading manufacturers, guaranteeing worldwide technical service.



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**BARYVAL CONCRETE MIXERS on semi-trailers**



Because of our strong rapport with customers, we are able to create concrete mixers on semi-trailers ever more suited to their present and future needs.

**CONCRETE MIXERS ON BARYVAL SEMI-TRAILERS**

10/12/15 m<sup>3</sup> concrete mixer semi-trailer, 3 axles with single wheels, mounted on BARYVAL chassis.

A lightweight unit, the result of a study combining design and technology, using the finite element method (FEM) together with the features of anti-wear, high tensile strength DOMEX (DX) steel.

On-road performance improvement, lightness and safety features come together in the perfect vehicle for our customers.

Large load capacity optimises each trip.

**ULTRA LIGHT**

# Innovation + Environment



3-axle semi-trailer, with auxiliary motor.



3-axle semi-trailer, with auxiliary motor.



Semi-trailer for Denmark

10 to 15 m<sup>3</sup> capacity, on 2 or 3-axle semi-trailers.

Activated by means of an auxiliary motor or power takeoff from the pulling head.

Equipped with: ABS and automatic approach brakes.



3-axle semi-trailer, without auxiliary motor.

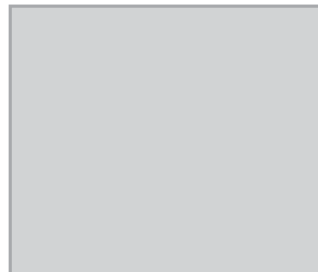
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**OPTIONAL SAFETY AND COMFORT FEATURES**



Choose the best options.

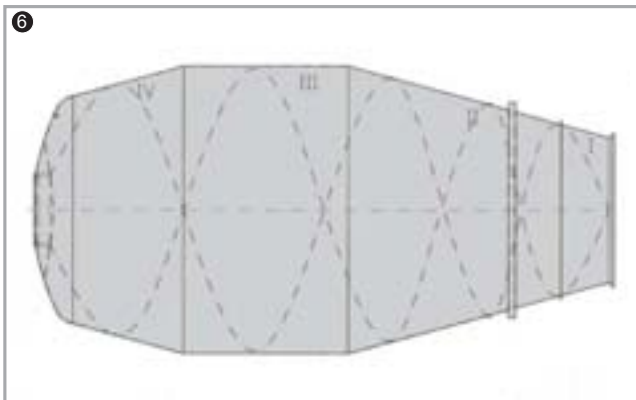
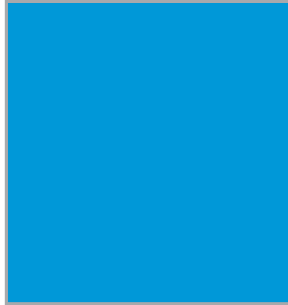
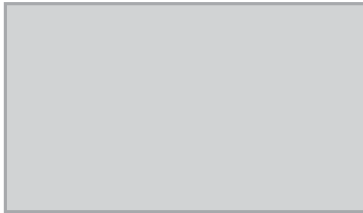
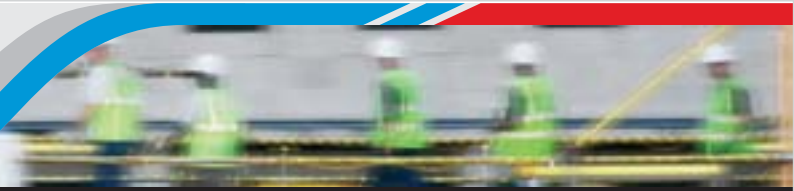


- 1 - Drum fixing device.
- 2 - Safety system between swivel and fold-away chute.
- 3 - Drum safety system for internal repairs.
- 4 - Halfway of full drum closing for the transport of fluids.
- 5 - Underrun protection with rung.
- 6 - Chute support with integrated protection.
- 7 - Controls:

7.1-Linear activators:  
Concrete mixer activated by means of electronic controls. Regulates rotation direction and drum speed.

7.2-SAUER Speed Control System (CSD) incorporating Cento Control: Regulates constant revolutions of drum rotation independently of truck revolutions. In addition to Constant Speed Drive (CSD) functions, the system includes hydraulic circuit pressure and a drum rotation revolutions display.

# OPTIONAL LIGHTENING FEATURES



## OPTIONAL LIGHTENING FEATURES

- 1 - 3mm. DOMEX WEAR (DX WEAR) drum.
- 2 - Aluminium mudguards.
- 3 - Polyethylene mudguards.
- 4 - Foldaway polyethylene chute.
- 5 - Aluminium tank.
- 6 - Special blade swirl.

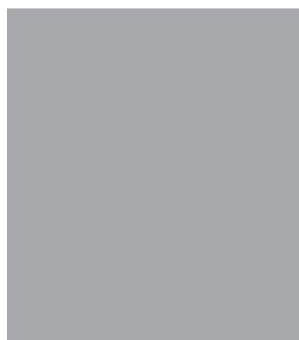
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## OPTIONAL CLEANING FEATURES



Choose the best options.



### OPTIONAL CLEANING FEATURES

- 1 – Rear closing. Easy cleaning.
- 2 – Polyethylene chute chassis cover.
- 3 – Polyethylene mudguard closure.
- 4 – Mounting with water pump.
- 5 – Hose control from ladder.
- 6 – Water meter.

## OTHER ACCESSORIES:



### OTHER ACCESSORIES:

- 1 – Pressurised additives tank.
- 2 – Hopper and pipes for reducing liquid concrete.
- 3 – Rear light: greater ease in cleaning.
- 4 – Tool box.
- 5 – Hydraulic mandrel.
- 6 – Chute gate.
- 7 – Fire extinguisher holder.
- 8 – Double protective plate on hoppers and chutes.
- 9 – Rear pressure meter.

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## FLEXIBILITY IN OUR PRODUCTS



Technologically **advanced solutions.**

We are as innovative as our customers want us to be.  
We adapt to suit all their needs.



Multi-lift system: One truck can do many tasks, depending on your needs.



Cinta transportadora sobre hormigonera.

# We give shape to your ideas

Innovation:  
SERVIPLEM-BARYVAL  
do not see obstacles,  
but challenges in which  
imaginative solutions  
can be applied to  
complex technical  
requirements.



Drums are manufactured from steel or stainless steel. They can work with either diesel or electric motors.

**Special applications development:**

- Special multi-chassis system: Multi-lift.
- Food mixing.
- Paper recycling.
- Fertiliser treatment.
- Stone rounding for landscape gardening.
- Ceramic material treatment.
- Turning food waste into animal feed.
- Mixing explosives.
- Blender for concrete manufacturing.
- Container system anchor, etc.



Stone rounding for landscape gardening.

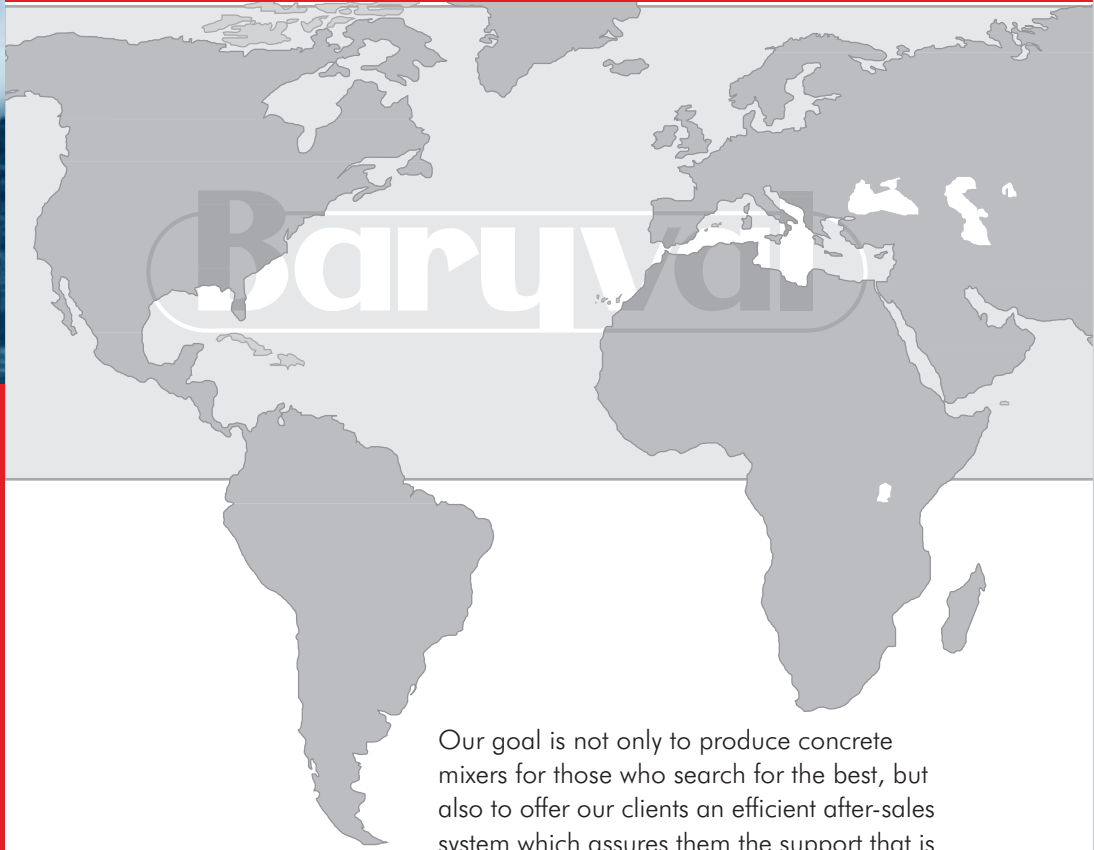


Mixing explosives.



Special for concrete pre-mixing.

## BARYVAL Service



At BARYVAL we know that efficient after-sales service is essential for our customers' productivity and profitability. That is why we offer an more extensive and complete network for your safety and confidence.

Our goal is not only to produce concrete mixers for those who search for the best, but also to offer our clients an efficient after-sales system which assures them the support that is necessary for the maintenance of our products

Our after-sales service makes us a complete and reliable choice.



**Quality of Service:**

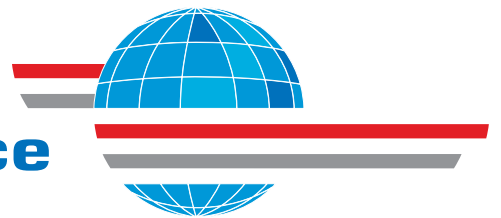
Nationally, in addition to the extensive Baryval Official Service Network, there is a chain of more than 100 collaborating workshops in all Spanish provinces.

Dynamic, experienced personnel, working closely with customers.

## BARYVAL Service

We create value with our After-Sales Service.

**Our vocation  
of Service**



**BARYVAL Service sets us apart.**

Our Network sells spare parts and repairs concrete mixers of all brands.

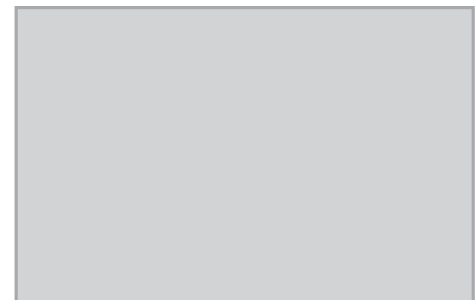


Closer to our customers with the best After-sales Service

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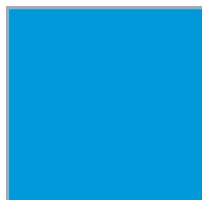
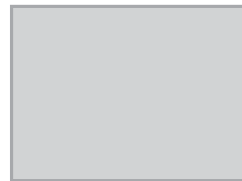
Image Gallery



# Image Gallery



Image Gallery



## TECHNICAL FEATURES

### CONCRETE MIXERS:

Model	Nominal volume	Geometrical volume	Effective capacity	Weight	Height to loading hopper	Maximum width
AMN-4/101	4 m <sup>3</sup>	7884 l	50,74%	2598 Kg	2398 mm	2398 mm
AMN-4/111	4 m <sup>3</sup>	7884 l	50,74%	2875 Kg	2398 mm	2398 mm
AMB-6/101	6 m <sup>3</sup>	12135 l	49,44%	3300 Kg	2483 mm	2582 mm
AMB-6/111	6 m <sup>3</sup>	12135 l	49,44%	3650 Kg	2483 mm	2582 mm
AMB-7/101	7 m <sup>3</sup>	13375 l	52,34%	3475 Kg	2545 mm	2582 mm
AMB-7/111	7 m <sup>3</sup>	13375 l	52,34%	3875 Kg	2545 mm	2645 mm
AMB-7*8/101	7 m <sup>3</sup>	13375 l	52,34%	3475 Kg	2545 mm	2645 mm
AMB-7*8/111	7 m <sup>3</sup>	13375 l	52,34%	3905 Kg	2545 mm	2645 mm
AMB-8/101	8 m <sup>3</sup>	14615 l	54,74%	3650 Kg	2608 mm	2707 mm
AMB-8/111	8 m <sup>3</sup>	14615 l	54,74%	4080 Kg	2608 mm	2707 mm
AMB-9/101	9 m <sup>3</sup>	16090 l	55,94%	3950 Kg	2612 mm	2705 mm
AMB-9/111	9 m <sup>3</sup>	16090 l	55,94%	4410 Kg	2612 mm	2705 mm
AMB-10/101	10 m <sup>3</sup>	17330 l	57,70%	4150 Kg	2663 mm	2757 mm
AMB-10/111	10 m <sup>3</sup>	17330 l	57,70%	4610 Kg	2663 mm	2757 mm
AMB-11/101	11 m <sup>3</sup>	18935 l	58,10%	4230 Kg	2712 mm	2805 mm
AMB-11/111	11 m <sup>3</sup>	18935 l	58,10%	4740 Kg	2712 mm	2805 mm
AMB-12/101	12 m <sup>3</sup>	20260 l	59,23%	4350 Kg	2768 mm	2860 mm
AMB-12/111	12 m <sup>3</sup>	20260 l	59,23%	4885 Kg	2768 mm	2860 mm

### Concrete mixers on BARYVAL semi-trailers:

Model	Nominal volume	Geometrical volume	Effective capacity	Weight	Height to loading hopper	Maximum width
SRH-10/111	10 m <sup>3</sup>	16260 l	61,54%	8360 Kg	3765 mm	2398 mm
SRH-12/111	12 m <sup>3</sup>	19720 l	60,85%	8620 Kg	3800 mm	3918 mm
SRH-15/111	15 m <sup>3</sup>	22120 l	49,44%	8939 Kg	3708 mm	2812 mm

- Weight: includes hydraulic equipment, mudguards with Standard chute extensions, chassis cover.
- SERVIPLEM, S.A. reserves the right to make modifications without prior notice.
- There are other models that are not shown here depending on the truck model, on the market and on the customer's needs.

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**Baryval**  
*Your Best Partner*



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