

**BUCHER**  
municipal



**Cosmix**  
Datasheet

Mobile batching unit

## Technical Data

Standard equipment	
Aggregate filled to the top capacity	9 m <sup>3</sup>
Aggregate dome capacity	11 m <sup>3</sup>
Production Rate	50 m <sup>3</sup> /h
Aggregates hopper 1	4 m <sup>3</sup> with 1 vibrator and grid
Aggregates hopper 2	5 m <sup>3</sup> with 1 vibrator and grid
Aggregate flow control	Motorized automated gates system
Cement hopper	2.5 m <sup>3</sup> with 2 vibrator and load cell level meter
Water tanks	2.400 L with indicator and level meter
Liquid admix system	2 x 30 L
Mixing auger length / diameter	2.500 mm / 300 mm
Slide (shute)	4 (1 slide = 730 mm)
Operator control	Radio control with 20+ functions and pivoting control panel on the equipment
Software management	Advanced control system
Pressure washing system	150 Bar – 15 L/min
Drive	By truck PTO (Power take-off)
Auto-lube system	Automatic lubrication
Tarp cover	Hydraulic roll-up tarps
Delivery printer	On-board ticket printer
Cosmix Length	7.500 mm
Cosmix Height	2.450 mm
Cosmix working amplitude	125°
Cosmix Weight	4.650 kg**

Upgrades	
Auxiliary Engine	CE or extra CE version
Powder additive hopper	200 L with 1 vibrator
Fiber dispenser	Automatic dispensing system
Release agent	Including sprayer
Additional water tank	2.000 L/2.500 L**
Additional working light	3
Additional admix tanks	60L*
Camera	Controlling the auger orientation**

\*Ask for availability

\*\*Depending on mounting configuration

## Mounting options

The Bucher Cosmix can be mounted on to many different vehicles ready to be transported or fixed to a site.



Bolted onto truck chassis, powered by PTO



Bolted onto truck chassis, powered by auxiliary engine



Semi-trailer, powered by auxiliary engine

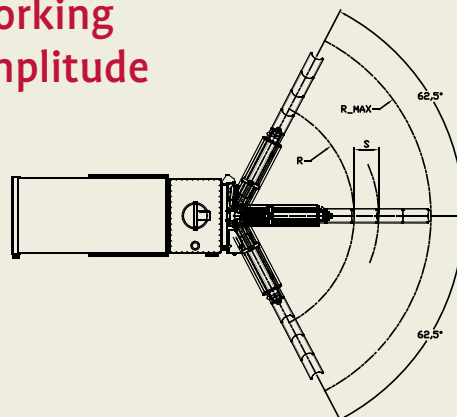


Railway flat car, powered by auxiliary engine



Demountable with hook lift, powered by auxiliary engine

## Working amplitude





## Applications

Regardless of the project or application, the Cosmix's unrivalled technology is what makes this unit so universal. Measuring, mixing and pouring has never been so accurate.

### Oil and Gas Pipeline



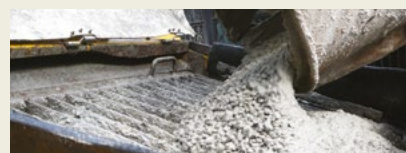
With our technology, short loads and remote locations are no issue. The Bucher Cosmix keeps the aggregates and water separate, so you can start mixing on-site. No matter how long the road is, your concrete will always be fresh.

### Backfill and Infrastructure



The Cosmix is perfect for creating a specific and consistent concrete mix suitable for backfilling trenches, water and sewer pipeline networks and foundations. The excavated soil can be recycled back into the concrete mixture, reducing the need for virgin material. The Cosmix can also supply quality concrete for infrastructure works such as bridges, tunnels and optical fibre.

### General Contracting



Increase your job capacity with the Bucher Cosmix. Batch, measure, mix and pour with exactly the right mix and amount required. For small or large quantities, the Cosmix enables you to be in control. Keep the unit onsite and start and stop production at any time, with no compromise.

### Precast



We understand that the mix for your precast concrete always needs to be accurate and high quality. Making sure your admixture is dosed to your precise specifications, and is thoroughly mixed, is critical. The Bucher Cosmix can do just that. And you can make several different mixes using the same unit and aggregates, so you won't be wasting time waiting for a different batch to be delivered before you can start work.

### Road Construction Works



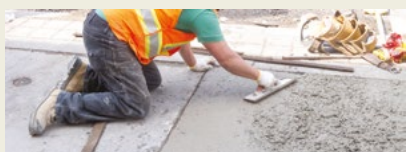
The Cosmix helps you build and repair cities and countries quickly and effectively, without causing too much disruption to traffic. With the technology included, the Cosmix meets all the requirements for city projects, including infrastructure, curbs, sidewalks, highways and street repair. These applications all require fast, reliable and maximum strength concrete.

### Railway Construction and Maintenance



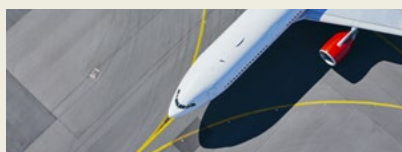
Rail construction projects, for trains, subways and tramways, often present contractors with key challenges, meaning efficiency is critical to a project's success. As the Cosmix can be mounted to a flat rail car and transported via railway lines, this unit enables swift onsite production at even the most remote and difficult to reach locations.

### Paving



We understand that not all projects require large quantities. Many construction jobs are small, but not unimportant. That's why the Bucher Cosmix is the perfect companion for any paving job. With the Cosmix, you can stop and start the concrete's flow, leaving your crew to pour the concrete and to finish with little to no downtime.

### Sensitive Areas



At sensitive areas such as military, mining, airports and nuclear sites, thorough security checks are needed before letting any vehicle onsite. With the Cosmix, this is not a problem. The aggregates and water are kept separate so you can start mixing fresh concrete as soon as the mix is delivered. This maximises efficiency and solves the key issues in these areas.

To create your very own **Bucher Cosmix**, try out our configurator. Visit our website at **[buchercosmix.com/configurator](https://buchercosmix.com/configurator)**

**Bucher Municipal**

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