

BUCHER
municipal



Cosmix
Datasheet

Technical Data

Standard equipment	
Aggregate filled to the top capacity	9m³
Aggregate dome capacity	11m³
Production Rate	50m³/h
Sand hopper	4m³
Gravel hopper	5m³
Cement hopper	2.5m³
Water tanks with indicator and sensor	2400L
Liquid admix system	2 x 30L
Mix auger length	2500mm
Mix auger diameter	300mm
Vibrator	4
Slide (shute)	4 (1 slide = 730mm)
Operator control	Remote with 20+ functions
Software management	Memix advanced control system
Pressure washing system	150 Bar – 15L/min
Drive by truck engine	PTO (Power take-off)
Auto-lube system	Automatic lubrication
Tarp cover	Hydraulic roll-up tarps
Delivery printer	On-board ticket printer
Cosmix Length	7500mm
Cosmix Height	2450mm
Cosmix working amplitude	125°
Cosmix Weight	4650kg**

Upgrades	
Auxiliary Engine	Perkins*
Supplementary powder hopper	200L
Fiber dispenser	Automatic dispensing system
Release agent & sprayer	
Additional water tank	2,000L/2,500L**
Additional working light	3
Additional admix tanks	60L*
Camera	Controlling the auger orientation
ARS	Advanced reporting system*

*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.

Truck with power take-off (PTO)

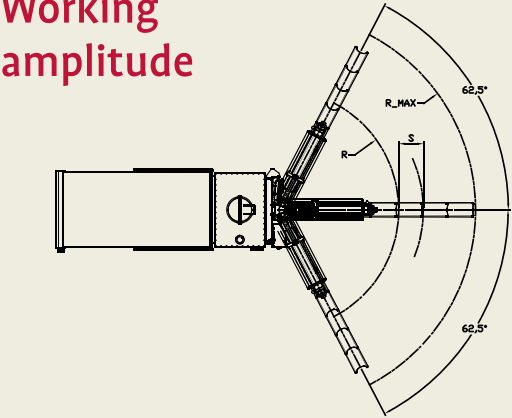
Truck with auxiliary engine

Semi-trailer

Railway flat car

Hook lift

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.

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.

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.

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.

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.

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.

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.

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.

To create your very own Bucher Cosmix, try out our configurator. Visit our website at buchercosmix.com/configurator

Bucher Municipal

Giletta SpA

Via A. De Gasperi, 1

I-12036 Revello (CN)

tel. +39 0175 258 800

mob. +33 623 998 946

giletta@buchermunicipal.com

