Via Incisa 1, 37022
Fumane VR, Italy
info@ublsrl.com
VAT: IT02702580214

Used KHS INNOPRO CMX-18 mixer 18 m³-h - Year 2006

Machine type:	Premix
Ref:	PX20
Model:	INNOPRO CMX-18
Year:	2006
Speed:	18000 Liters/hour
Condition:	In Storage

Technical details

Cip system:	Yes	Safety features:	Yes
Manuals:	No		

Description

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Technical Specifications & Performance Data

The KHS INNOPRO CMX-18 is a premix mixer designed for beverage production and integration into an industrial packaging or used bottling line. Manufactured in 2006, this process unit has a nominal capacity of **18 m³/h** and is engineered to prepare, deaerate, mix and transfer beverage product toward the filling area.

- **Manufacturer:** KHS
- **Model:** INNOPRO CMX-18
- **Manufacturing year:** 2006
- **Nominal capacity:** 18 m³/h
- **Buffer tank capacity:** 850 L
- **Maximum pressure:** 8 bar
- **Test pressure:** 11.44 bar
- **Temperature range:** 20 / 100 °C

Advanced Automation & Control Systems

The premix system includes process instrumentation for pressure, flow and level monitoring. Flow transmitters, flow-indicating controllers, pressure indicators, pressure alarms, pressure switches, level switches and level alarms support controlled product handling through the deaeration, transfer and buffer stages.

Control air is supplied at 4–5 bar, with an associated gas or air line indicated at 6–6.5 bar. The process arrangement includes controlled flow sections and valve manifolds for product routing, CIP circulation and syrup-return functions.

Production Line Integration Capabilities

This KHS premix mixer is suited to installation upstream of a filler in a beverage production line. The process schematic shows a dedicated outlet connection to the filler, allowing the prepared product to be transferred from the buffer tank to downstream filling equipment.

Water and CIP connections are integrated into the valve manifold, while dedicated CIP syrup-return branches support cleaning and product-return operations. The system uses carbon dioxide supply connections for deaeration and beverage preparation, making it appropriate for production environments where controlled mixing and gas management are required.

- Water connection: Ø2.1/2"
- CIP connection: Ø2.1/2"
- CIP syrup-return connections: Ø1.1/2"
- Filler outlet connection: Ø4"
- Sealing-water connection: DN15

Machine Condition & Maintenance History

This second hand KHS premix mixer was manufactured in 2006. The available technical documentation identifies the process configuration, vessel ratings, utility connections and instrumentation layout. The equipment is configured as a complete mixing and transfer unit with deaeration, buffer storage, pumps and process-control instruments.

Operational Performance & Versatility

The INNOPRO CMX-18 incorporates a deaeration vessel, buffer tank, six pumps and a product-transfer circuit. Product passes through controlled flow sections before entering the buffer tank and being pumped toward the filler. Carbon dioxide connections, deaeration capability and a dedicated buffer stage support stable product preparation before packaging.

The integrated CIP and syrup-return manifold enables cleaning circulation through the process circuit. This configuration is valuable for beverage production operations requiring hygienic product changeover and efficient cleaning procedures within industrial packaging machinery.

Installation Requirements & Site Preparation

Installation requires connection to water, CIP supply, CIP syrup return, carbon dioxide, control air, sealing water and the downstream filler. The process layout includes pipe connections from Ø1" to Ø4", with a DN15 sealing-water connection. Site planning should provide suitable access for process piping, pump service, valve maintenance and tank inspection.

The unit should be integrated with compatible utilities and a filler connection capable of receiving the prepared product flow. Control-air supply is indicated at 4–5 bar, and the associated gas or air line is indicated at 6–6.5 bar.

Safety Standards & Compliance Certification

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The tank nameplate carries CE 0036 marking. The buffer tank is rated to a maximum pressure of 8 bar, with a recorded test pressure of 11.44 bar and a temperature rating of 20 / 100 °C. Pressure monitoring, alarms, switches and level-control devices are included in the documented process arrangement to support controlled operation of the premix system.