Via Incisa 1, 37022
Fumane VR, Italy
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Used Brewery for beer processing machine 5HL

Machine type:	Complete Bottling Line
Ref:	LC604
Model:	BI.SU.300.21-00
Year:	2021
Condition:	Ready for Operation
Products:	Beer

Technical details

Safety features:	Yes	Manuals:	No
Width:	2598 mm	Length:	4503 mm
Height:	2200 mm		

Description

Used Brewery for beer processing machine 5HL

Technical Specifications & Performance Data

This second hand 5 HL brewery brewhouse on skid is a compact, industrial-grade system engineered for small to medium-scale beverage production. Manufactured by BEOINOX, it integrates key process vessels and utilities for efficient wort production and fermentation management. The system is suitable for craft beer brewing and can be integrated with downstream packaging or a used bottling line.

- **Batch capacity:** 5 HL per brew
- **Brewhouse vessels:** Mash Tun 500 L, Lauter Tun 1000 L, Whirlpool 800 L
- **Utility tanks:** HLT 800 L, CLT 800 L, Underback
- **Fermentation:** 2 × 1350 L fermentation vessels (FVs)
- **CIP:** Mobile CIP unit with 2 × 150 L tanks
- **Heat exchanger:** Two-stage plate heat exchanger (PHE)
- **Pumps & pipeline:** Process pumps and sanitary piping included
- **Aeration:** Aeration set included
- **Control:** Integrated control system
- **Model/Code:** BI.SU.300.21-00

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- **Overall dimensions (approx.):** Length 4503 mm, Width 2598 mm, Height 2200 mm

Advanced Automation & Control Systems

The brewhouse is supplied with an integrated control system to manage key brewing steps such as mashing, lautering, wort transfer, and cooling. The two-stage PHE enables precise temperature control for wort chilling and process optimization. Pumping and pipeline circuits are designed for smooth transfers, while the aeration set supports consistent yeast pitching and fermentation starts. Safety interlocks and operator controls contribute to reliable daily operation within industrial brewing environments.

Production Line Integration Capabilities

This skid-mounted brewhouse can operate as a standalone brewing unit or be integrated into a broader beverage production line. It interfaces seamlessly with fermentation, conditioning, and downstream packaging processes. The sanitary pipeline layout enables efficient transfer to FVs and onward to filtration or packaging. With its compact footprint, it can be paired with a used bottling line or kegging system to complete an end-to-end craft beer production setup.

Machine Condition & Maintenance History

The system is offered as a second hand unit in operational condition and ready for operation. Its sanitary, skid-mounted design simplifies cleaning and upkeep, while the included mobile CIP unit supports routine maintenance procedures for vessels, pipelines, and heat exchanger circuits.

Operational Performance & Versatility

Designed for beer production, the 5 HL brewhouse accommodates standard craft workflows including infusion mashing, lautering, wort boiling/whirlpooling, and rapid chilling. The two 1350 L fermentation vessels provide capacity for staggered batches and flexible production scheduling. The aeration set enhances yeast management and consistent fermentations, while the CIP system ensures hygienic operation and product quality.

Installation Requirements & Site Preparation

The compact skid layout reduces installation complexity. Allow sufficient space for the indicated footprint and service access. The system requires standard brewery utilities such as electrical power, process water, and glycol/chilled water for the PHE and fermentation cooling. Provide appropriate floor drainage and ventilation in accordance with brewery best practices. The mobile CIP unit needs utility connections for solution make-up, circulation, and safe discharge.

Safety Standards & Compliance Certification

Engineered with hygienic design principles suitable for beverage production, the system features sanitary piping and clean-in-place capability to support quality and safety. Operator controls and emergency functions on the control system enhance safe usage. Stainless steel fabrication by BEOINOX aligns with common food and beverage industry expectations for cleanability and durability.