

## Washing and drying machine



OEM	UNIMAC-GHERRI
Model	GG16
Country of origin	Italy



### Description:

Continuous washing machine, featuring three phases, for cans, plastic containers, glass jars and bottles with 200mm max diameter and 300mm max height. The machine is completely made of Aisi 304 stainless steel.

The process consists of three phases: washing, rinsing and draining:

**The first phase** is performed in a washing section consisting of nozzle-supporting pipes fed by a pump with 2.5 - 3 bar pressure.

- The washing water is kept in an underneath tank, which can be heated by steam to waste. The tank is provided with a system to collect the oil contained in the washing water.
- All is protected by a spray-guarding tunnel.
- Out of the first section the product is roughly dried by a blower, to avoid the passage of water from the washing to the rinsing phases.

**The second section** is also provided with nozzle supports for rinsing purposes, also fed by a pump which pours water from an underneath tank. The rinsing water can be heated by steam to waste. All is protected by a spray-guarding tunnel.

- The temperature of the water contained in each of the two tanks is controlled and adjusted independently by two manually adjustable thermostats.
- The machine can be equipped with an exhauster for the vapours produced during washing

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operations: both spray-guarding tunnels are provided with a hood for the connection to an exhauster specific for the machine or centralised (not included in our supply).

**The final section** consists of a drying unit featuring four blowers fed by a 3 kW motor, to drain water from the packaged products.

- During the washing phase the product is transferred on a conveyor with a special design to enable the passage of as much water as possible, motorised by gear motor controlled by frequency converter. The conveyor is extended both at infeed and outfeed to enable side-by-side.

The washing machine is supplied with electric control cabinet with low-voltage controls and IP65 protection.

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