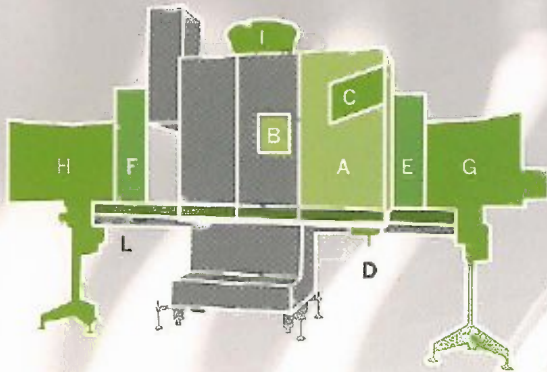


EASY LINE SYSTEM OIL

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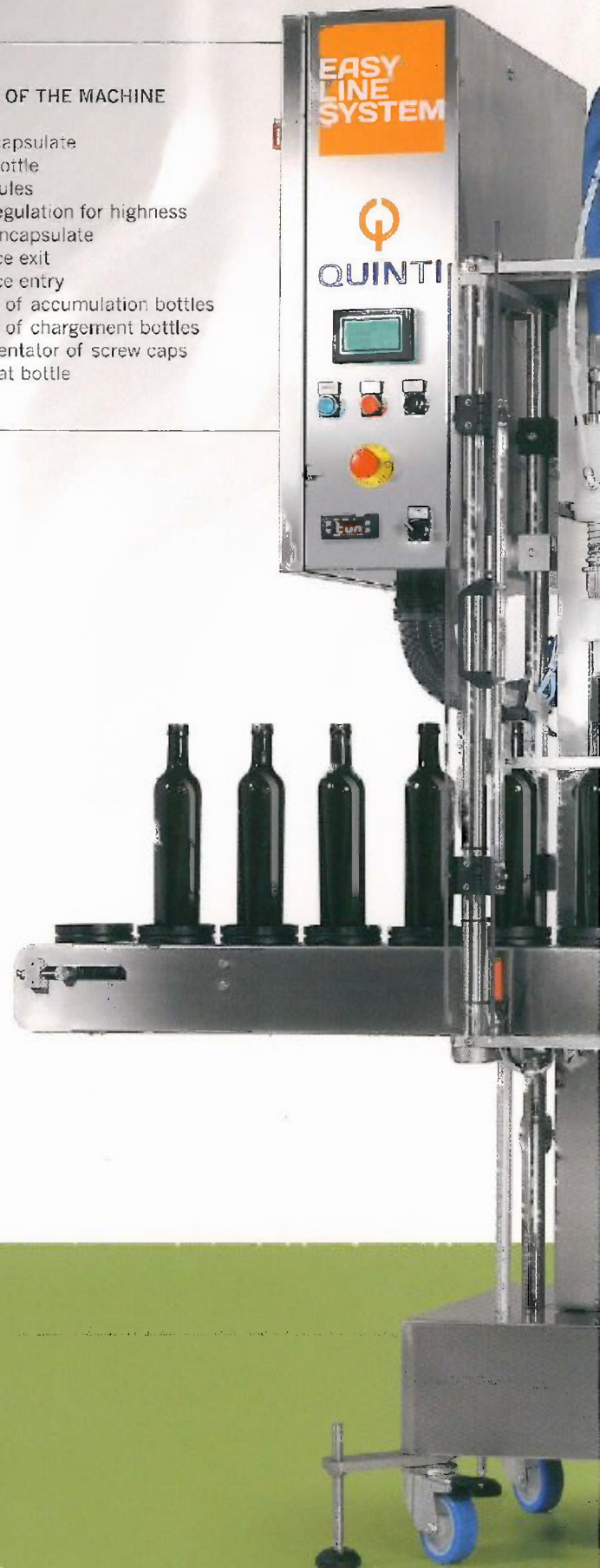


Monobloc of embottlement EASY LINE SYSTEM-OIL. The machine has been conceived to be used even by a unique person that charges the empty bottles over the band that transports from one side and that takes them away filled and capped from the other one. The monobloc does not need lubrication given that the parts of contact are of autolubricating material so it functions "flat". The absence of lubrications eliminates the connected problems of contamination. The system Easy Line System cancels also all the noises generated by the bottles during their way inside the monobloc.

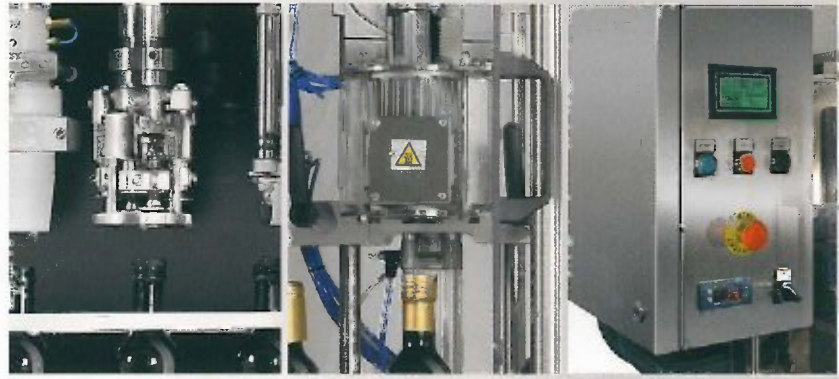


OPTIONALS LIST OF THE MACHINE

- A Device to encapsulate
- B Sensor cap bottle
- C Plateau capsules
- D Equipment regulation for highness machine to encapsulate
- E Pick and place exit
- F Pick and place entry
- G Turning table of accumulation bottles
- H Turning table of chargement bottles
- I Circular alimentator of screw caps
- L Change format bottle



EASY LINE SYSTEM OIL





Technical features **EASY LINE SYSTEM-OIL** version of basis

Production bottles hour	till 650 units approx. of 750 ml (it depend from oil viscosity grade and its temperature)
Format bottles	250 ml, 500 ml, 750 ml, 1000 ml, however all of them within an height comprehended between 180 mm and 350 mm, with a maximum diameter or diagonal line of 110 mm and with neck bottle \varnothing 20,5 \pm 0,5 mm
Typology screw cap	\varnothing 31,5 x24 mm (with mechanism that avoids losing drops, not pre-threaded)
Compressive weight	360 Kg approximately
Dimensions	2100 mm approx, P 830 mm approx, H 2100 mm approx;
Electrical alimentation	monophasic 230 V - 50 HZ
Pneumatic alimentation	200 l/min (minimum), 6 bar, dried air (it can need a major alimentation in the case of installation of optional equipments).

STANDARD EQUIPMENT

- Equipment bottle format of 750 ml (kind "marasca" bottle)
- Format screw cap \varnothing 31,5 x24 mm (with mechanism that avoids losing drops, kind that one that is not pre-threaded)
- Nozzles of filling (number 2) for bottles with neck bottle of \varnothing 20,5 mm
- Pipe that collocates caps for screw caps of \varnothing 31,5x24 (capacity maximum approx. 25 caps)
- Mechanical capsule head with rolls for enclosure screw caps \varnothing 31,5x24 mm
- **System with depression** for filling and for level oil in the bottle (vacuum pump).
- **Tank reflucnts** in stainless steel 304, removable, with cap of inspection in order to facilitate the internal cleanness
- **Authomatical system STOP/START** of the band that transports bottles when these ones are at the end of the band. The cycle starts again as soon as the bottles are taken away. With this system we avoid bottles to fall down in the emptiness giving the worker the possibility to manage the work in a safe way.
- **System of washing** of the nozzles of filling and of the pipes of the oil in cycle C.I.P. (clean in place), realizing cycles of exclusive filling in bottles with the use of appropriate liquids.
- Electrical panel of command IP65, in stainless steel (aisi 304), with **Touch Screen**.
- Machine provided with wheels that pirouette with handbrake and of four stabilizing pins.

OPTIONALS

- Termical or mechanical machine to encapsulate in line with distributor of capsules of short pipe
- Authomatical system of stop in the case there is a bottle without caps
- Plateau capsules
- Manual system of regulation highness machine to encapsulate with handwheel and screw without end
- Pick and place bottle in exit
- Pick and place bottle in entry
- Turning table of chargement bottles
- Turning table of accumulation bottles
- Circular alimentator of screw caps
- Equipment of change format bottle (plates)

EASY LINE SYSTEM OIL

- REASONED INVESTMENT
- EASINESS OF EMPLOYMENT
- QUICK AND FLEXIBLE GESTION
- ABSENCE OF LUBRIFICATION
- NO CONTAMINATION BECAUSE OF LUBRICANTS

TO SAVE MONEY ON THE
COSTS OF EMBOTTLEMENT
AND TO INCREASE
THE EFFICIENCY OF THE
FIRM WITH EASY LINE
SYSTEM IS POSSIBLE.



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SAVING BOTTLING COSTS AND INCREASING THE EFFICIENCY OF THE COMPANY WITH THE EASY LINE SYSTEM

- **Investment to be considered:** the to the investment related costs allow to have a significant effect on the costs of bottling with respect to the annually produced bottles. Manual bottling and corking requires a smaller investment but much more production time and translates in higher costs and also in higher physical fatigue. An over dimensioned bottling monoblock requires a much more onerous investment, which translates in much higher bottling costs as well as worth noting adjustment times (for the set up of the bottle format and determining the level) besides the necessity to have some trained persons, which normally is not less than three.
- **Limited employed manpower:** the Easy Line System monobloc can easily be run by only one person and therefore with labour costs reduced to the essential minimum.
- **Fast and flexible set-up of the phases and times of bottling:** the operations to adjust the machine and its washing are very simple, so permitting a fast bottle format change and the use of different types of oil; this turns out to be particularly advantageous for typical producers as in the cases of a lot of small and medium businesses.
- **Better logistical set-up of the monobloc inside the workshop:** the small dimensions of the monobloc and the presence of casters allow to move it easily in the workshop and to put it away in case it is more suitable when the work is finished. The originally occupied space can in this way be used for other activities.
- **Rationalizing of the purchases and reduction of the stock in the storeroom:** the possibility to bottle when and as much as necessary allows to manage the purchase of the bottles and corks in relation to the real need and thus avoiding forced stockpiling, so saving on costs.
- **Total absence of lubrication:** thanks to the use of special self lubricating materials it has been possible to reduce the maintenance operations considerably. In fact the machine works totally "dry" without the use of oil or grease. Thanks to this, the problems related to contamination as a result of lubrication agents are avoided. Besides, also the possible formation of oxides, which are characteristic for some materials in natural state like for instance bronze, as well as all those impurities deriving from the friction of metal parts which are in contact with each other, are avoided. The appropriate use of polymers, specific for the food sector, has avoided the use of bronze as an anti friction material.
- **Better quality of work:** an automated system is without doubt the reason for better quality, understood as standardization of work and respecting production times.

Be quite: The weights, the dimensions, the performances described in the technical features are referred to the machine version of basis and so they can vary in the case of installation of optional equipments.

