

EQUIPMENT FOR THE PREPARATION AND CONTROL OF DIPOSIT MIX-C-V12 MOULD-RELEASE MIXTURE



Precision control of mix and flow

This equipment has been designed to mix pure mould-release product and water according to the percentage established by the user.

The mixture is controlled by a water meter, which allows you to know the amount of incoming water, and by a dosing pump, which is managed by a programmable micro-controller and is used to provide the correct amount of pure product according to the percentage established.

With this system we obtain a very precise control of the mixing, alerting the machine with a signal "error mixture" when the mixture is outside the set percentage.



A high resolution flow meter (up to 3 millilitres) is installed at the equipment outlet to control the product sent to the lubricator.

The equipment can be provided with up to 3 different mixture outlets, each with its manual shut-off valve. Moreover, a fourth outlet is available to collect product samples, if required:

This new version includes a variable speed drive (VSD) for the pump, which drives the product to the lubricator. This way, pressure is controlled constantly.



ENERCON S.R.L.

Via Fornasina 60

25080 Muscoline

Tel: +39 0365373193 Fax: +390365373186

Email: info@enercon.it Web: www.enercon.it

The equipment consists of seven main parts:

- Programmable micro-controller.
- Double water meter.
- High resolution flow meter.
- Dosing pump.
- Inverter
- Mixture input pump.
- Mould-release agent tank with 130 l capacity and mixture tank with 35 l capacity.

OVERALL DIMENSIONS:

Height: 1,500 mm
Width: 600 mm
Depth: 650 mm

ALARMS:

These alarms may appear on the controller screen to warn about a general failure in the interconnection with the lubricator equipment. :

1. No voltage.
2. No product.
3. No mixture.
4. High flow.
5. Low flow.

The beacon on the equipment signals the presence of an alarm.

An acoustic signal may be enabled for this purpose (optional).