

Mixing inverter for one cylinder

GBMIX1/H Model

IT ALLOWS TO ACCELERATE NITROGEN DIFFUSION INSIDE THE EXTINGUISHER LIQUID SUCH AS FM200™, HALON, ETC.



DESCRIPTION:

The unit is made from a painted steel base with two lateral bearing supports where the rolling frame is fixed. The rolling frame is moved by an electric motor-reducer.

The cylinder holding system is made with a special "airless" device where the cylinder is closed on vice by a springs and the compressed air is used only for releasing the cylinder.

This system prevents problems in case air or power supply would fault.

The electrical panel controls the unit. From this one, it is possible to set the mixing time.

The unit is able to move correctly the cylinder filled with liquid extinguisher (FM200, Halon, etc) and propellant gas Nitrogen by mixing it.

The filled cylinder, from vertical position is moved to the horizontal one. In this last position, a time adjustable oscillation of $\pm 15^\circ$ assures the perfect mixing process.

AVAILABLE MODELS:

- GBMIX1/H, code MZYE005
- GBMIX1/H1, code MZYE010
- GBMIX1/H2, code MZYE015

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COMPONENTS AND DEVICES:

- Painted steel support frame
- Inverting frame with motor-reducer
- Cylinder clamping system with "airless" springs device
- Pneumatic lever valve for clamp control
- Photoelectric cells barrier
- Electrical control panel

TECHNICAL SPECIFICATIONS:

Max loading capacity	1 cylinder
Min cylinder Ø	140 mm
Max cylinder Ø	300 mm GBMIX1/H 400 mm GBMIX1/H1 500 mm GBMIX1/H2
Max cylinder height	1800 mm
Required compressed air	7 ÷ 9 bar
Max air consumption	30 Nlt/cycle
Power supply allowable	400 volt, 50 Hz
Panel lamp and button supply	24 volt
Motor power	1,1 kW
Total installed power	1,3 kW
Total dimensions	about 1600x1550x1800h
Total weight	250 kg

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