

# Valving/devalving unit

## ATEX version

### Model EL60-ATEX

In compliance with Directive 94/8/CE



#### Description

The Valving/devalving machine, EL60-ATEX, is included in the equipment classified as "group II" (as defined by Directive 94/9/EC): apparatus designed to work in sites that could be threatened by the presence of explosive atmospheres, not intended for use in underground mines and plants in their area, wherever a possible release of firedamp gas and / or combustible powders may happen.

The Valving machine EL60-ATEX is classified in "Category 2", making it suitable for operation in environments where there is likelihood of forming explosive atmospheres caused by gas, vapours and mists. The machine is then adapted to work in classified Zone 1.

The equipment is also suitable for operation with gas belonging to "group IIC", namely the group of Acetylene.

The string marking the Valving machine EL60-ATEX shows the following:

**CE EX II 2G c IIC T4 -5°C Ta +40°C**

The type of ATEX certification chosen by the manufacturer is to "**control the internal production**" in Annex VIII for not electrical equipment as for Directive 94/9/EC.

For all the subgroups meeting the definition of "apparatus" or "protection system" not produced by Vanzetti Equipment, their own manufacturers have provided the due EC declaration of conformity.



**USE IN PRESENCE OF POTENTIALLY  
EXPLOSIVE ATMOSPHERES**

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## TECHNICAL DETAILS

- > Standard required electrical supply: 400 V – 50Hz – three phase
- > Other three phase electrical supply on request, single phase supply not admitted
- > Remote electrical control: 24V – 50 Hz
- > Adjustable screwing torque: 10 ÷ 40 Kg\*m
- > Electrical motor power: 1,5 kW
- > Needed compressed air supply: 7 ÷ 8 bar
- > Accepted cylinders diameters: 80 ÷ 300 mm
- > Accepted cylinders height (valve included): 400 ÷ 1650 mm
- > Electrical control panel **ATEX** on board.
- > Electrical power panel **NO ATEX** to be installed in a non classified area.

### Dimensions / Weight

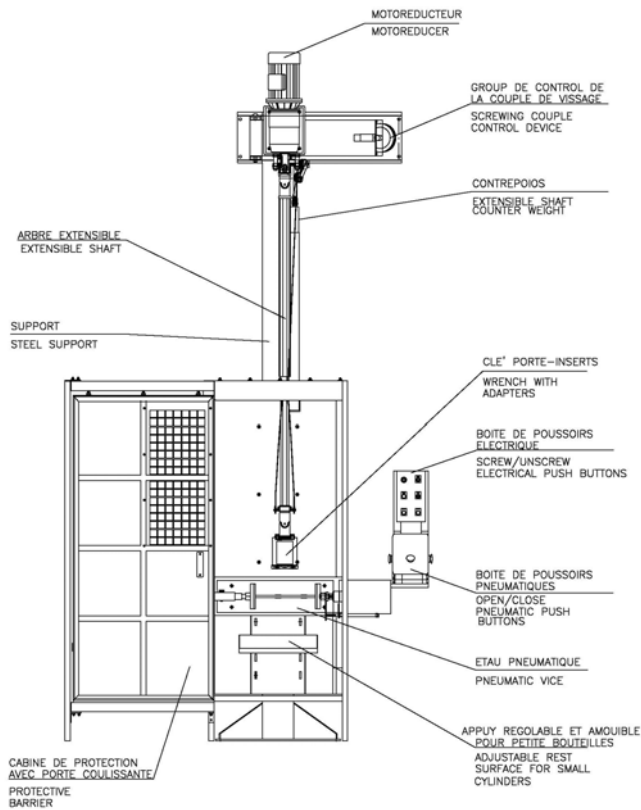
Total dimension: 2000 x 800 x (h) 3960 mm

### Weight

Total: 600 Kg approx

### Noise:

Less than: 85 db



Complete equipment

## STANDARD ACCESSORIES INCLUDED

- > Use and maintenance manual
- > Insert key
- > Insert: type "A" – "C10" – "C12" for valve square shaped of 30 & 32-mm
- > Adjustable and removable cylinder support for small cylinders.

### On request:

Additional insert for valve square shaped from 14 to 48-mm.

> PER MAGGIORI INFORMAZIONI:  
FOR FURTHER INFORMATION CONTACT:  
POUR INFORMATIONS CONTACTER:

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