



## ***ELECTRICAL EJECTORS***



### **Use and maintenance handbook**



This manual is to be considered part of the product. Please read this manual before beginning any activity, because it contains useful information for proper use and functioning of the product. The topics in this manual are valid for all products made from Essemec Unipersonale Srl. Before using this product you must read it.



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## INTRODUCTION

This manual contains information and all details thought necessary for knowledge, proper use and ordinary maintenance of ELECTRICAL EJECTORS.

Failure to follow the instructions contained in this manual shall invalidate the Manufacturer's machine warranty.

For any repairs or overhauling requiring fairly complex operations, always directly contact ESSEMEC.

## NORMATIVE REFERENCES

The machines forming the subject of this manual have been built in conformity with the following directives:

1. Machine directive 2006/42/EC
2. Low Voltage Directive 2014-35-UE
3. Electromagnetic Compatibility Directive 2014-30-UE



The technical specifications of the ELECTRICAL EJECTORS dealt with here may be amended by the Manufacturer without prior notice. When carrying maintenance jobs, always follow the instructions of this Service Manual.

### GENERAL PRECAUTION

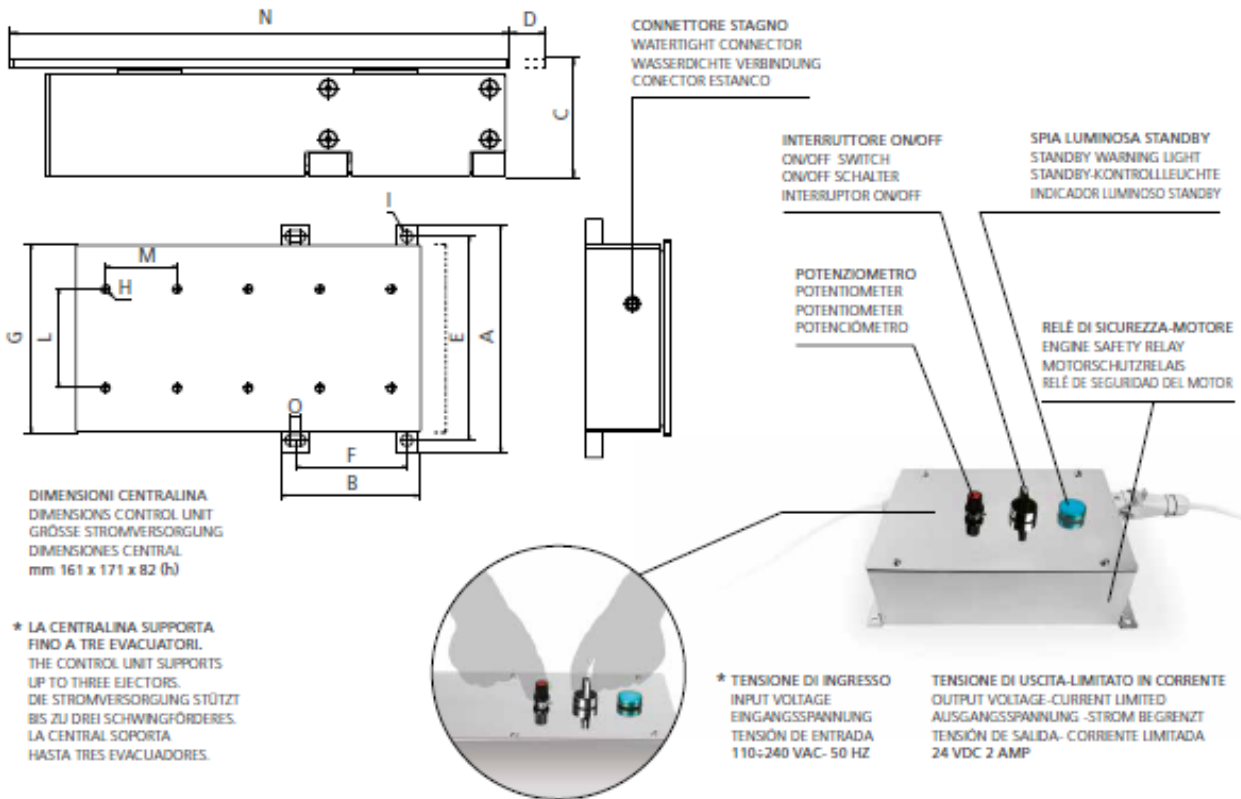
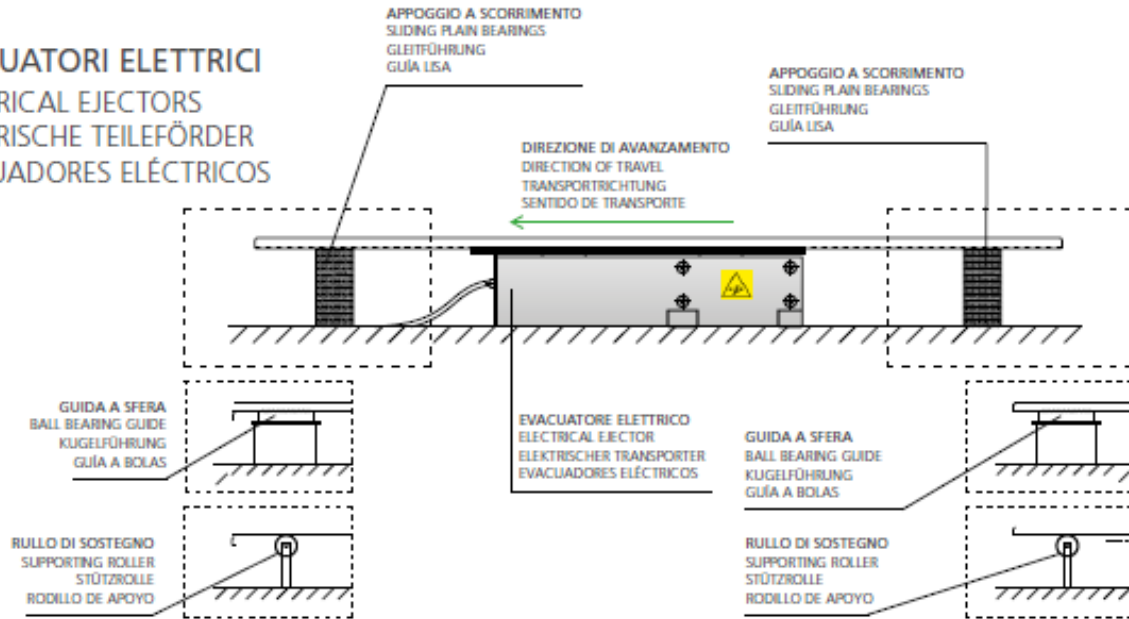


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# MACHINE TECHNICAL DATA

## EVACUATORI ELETTRICI ELECTRICAL EJECTORS ELEKTRISCHE TEILEFÖRDER EVACUADORES ELÉCTRICOS



MODELLO - MODEL / MODELL - MODELO	A	B	C	D	E	F	G	H	I	L	M	N	O	Carico massimo - Max. load / Max. Beladung - Mts. Cargo
ELE-10	141	86	58	15	127	67.5	118	M8	Ø 8.5	70	51	208	8	10 kg
ELE-25	207.5	124	75	23	185.5	101.5	169.5	M8	Ø10.5	90	65	314	8	25 kg

## USE CONDITIONS

Electrical ejectors permit the material conveyor through electrical/electronic vibrant system, with small dimensions, applicable even in evacuation uneasy situation; its operation is guaranteed also in horizontal position.

## USE INSTRUCTIONS

To correctly use the electrical ejectors, the following rules must be followed:

### STEP 0: SAFETY

The operator who has to use the electrical ejectors must always wear personal protective equipment both while working and during maintenance.



Wear suitable work gear



Wear protective gloves



Wear accident-prevention shoes

1. Do not allow the staff to use the product without authorization;
2. Do not operate if the product presents any mechanical failure;
3. Do stop the product in case of strange noises or malfunctions;
4. It is prohibited to tamper with in any way the product;
5. It is prohibited to open the product;
6. It is prohibited the use for unskilled staff;
7. Keep away from children.

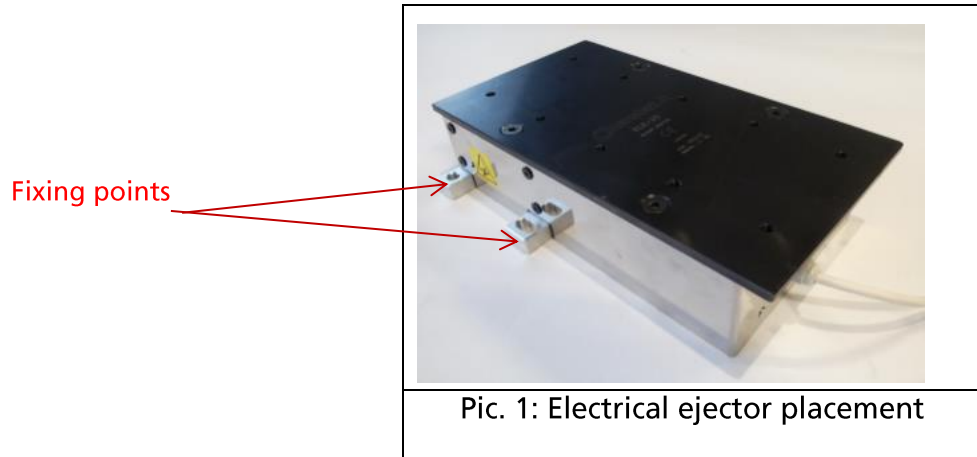


It is suggested to equip the working staff with a first aid kit.

**Every modification not authorized from the constructor, that could alter the regular functionality, modifying the risks and/or generating some additional ones, will be complete responsibility of who will execute such malfunction.**

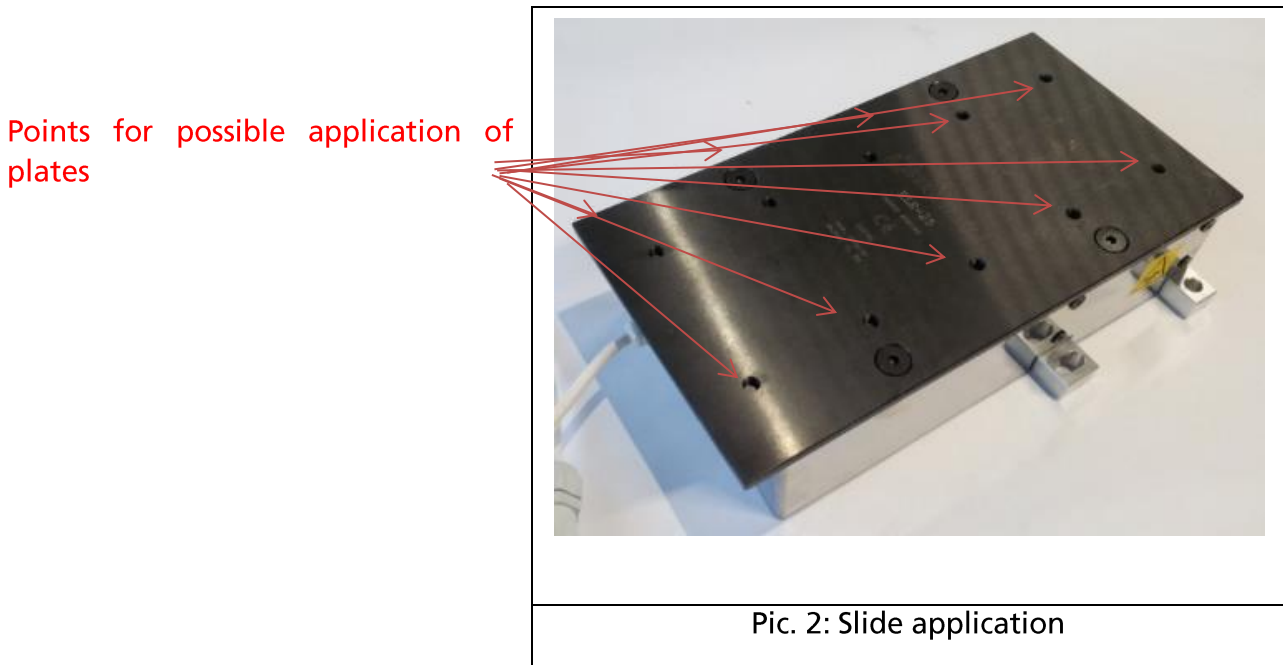
## STEP 1: ELECTRICAL EJECTOR PLACEMENT

Place and set the electrical ejector in the desired position through the suitable fixing points (marked by letter "I" in the technical card).



## STEP 2: SLIDE APPLICATION

According to different customer needs, it is possible to apply plates on the ejector slide through the fixing puncture marked by letter "H" in the technical card.



### STEP 3: CONNECTION TO THE CONTROL UNIT

Connect the outbound plug of the ejector to the socket on the side of the control unit.

Ejector plug

Control unit socket



Pic. 3: Connection

Connect



Pic. 3/a: Connection

### STEP 4: ELECTRICAL CONNECTION

Connect the control unit to the electrical connection through the plug coming out from the left side of the control unit. The incoming voltage should be 110/240 VAC -50 Hz, while the output voltage should be 24 VDC 2 AMP. When the control unit is electrically connected, the stand-by warning light turns on.

Power supply pug



Pic. 4: Electrical connection

Stand-by warning light



Pic. 4/a: Electrical connection

## STEP 5: SWITCH ON

Once all connections have been done and the electrical ejector is placed in the right position, switch on the application through the On/Off switch and adjust the speed through the potentiometer.

Stand-by warning

On/Off switch

Potentiometer



Pic. 5: Switch on



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## MAINTENANCE

### Ordinary maintenance

For ordinary maintenance of electrical ejectors, it is suggested to verify and lubricate the bearing and its connected striker.

### Extraordinary maintenance

Special maintenance comprehends all those operations that must be executed from highly qualified staff, that means only by the Manufacturing company. These operations are not planned and usually appear in situations of breakdowns and breaks.

## DISMANTLING

### Putting out service

- ✓ Switch off
- ✓ Remove the power source

### Disassembly

Please differentiate the material of the product as follows:

- ✓ Metallic parts
- ✓ Plastics
- ✓ Electrical parts

### Scrapping

Please, dispose of the waste according to the CE regulation or the one in force in your country.

## TRANSPORT

The manufacturer takes care of the delivery and the transport of the product, with a suitable packing and confectioning that conserve the technical features of the material

## PUTTING INTO SERVICE

The putting into service of the product can be simply and directly executed from the purchaser according to the instructions of use over exposed.



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## WARRANTY

This commercial warranty is extended till 12 months, from the purchase date.

Replacements made under warranty shall not result in any change to the warranty period. The warranty covers material and manufacturing defects affecting the operation of the product and which make it unsuitable for the use for which it was intended, as long as these are promptly reported, in any case no more than 2 days from their discovery. Our services under warranty are strictly subject to the purchaser having fulfilled all its obligations up until the date the claim is made and the subsequent date the jobs are done under warranty.

In case that the nature of the defect is such to need the repair in place, all travel, board and lodging costs, local transports, salary and transfer of our staff will be debited to the customer and calculated basing on the rates of the enforced tables.

Please control, therefore, the product at the moment of the delivery, in order to verify eventual damages caused by the transport. Claims or annulment must be advanced to "Essemec Srl Unipersonale" in writing form, within 14 days from the delivery date.

## WARRANTY EXCLUSIONS

The warranty shall be invalidated in the following cases:

- 1) If a positioning error occurs attributable to the operator.
- 2) If the instructions provided in this manual have not been followed.
- 3) The warranty does not cover damage caused by negligence, carelessness, bad or incorrect use of the support.

