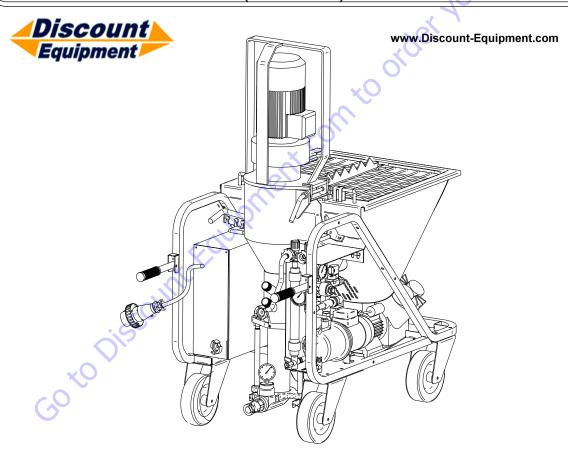


PLASTERING MACHINE

(1106048)



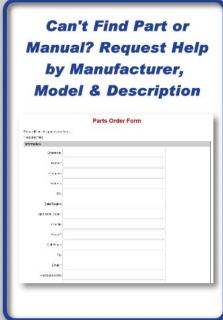
INSTRUCTION MANUAL

IMER U.S.A. Inc.	Part. number 3234489_R1 - 12/2015
	Machine serial N°

PARTS FINDER Search Manual Can't Find







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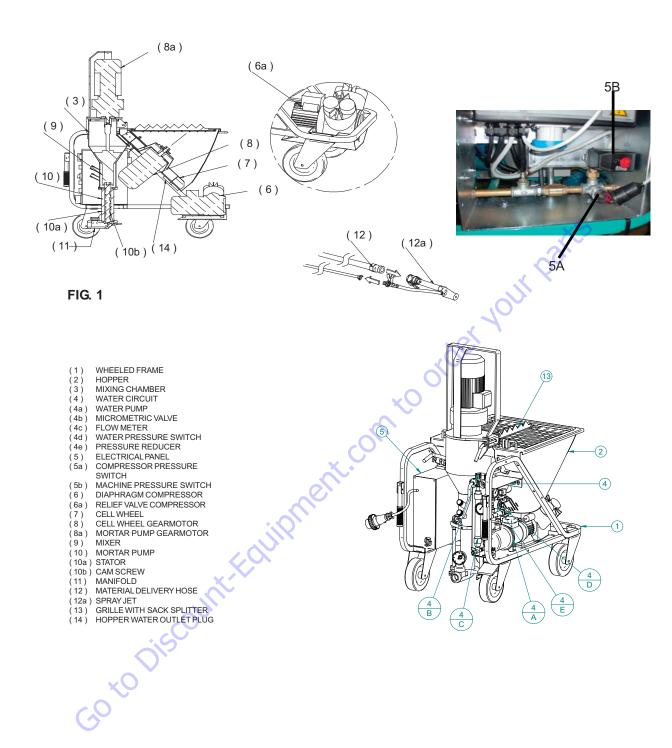
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Mace





Special attention must be given to warnings with this symbol:





	RO	IIVE 00		
	TECHNICAL DATA	KC	DINE 35	
	Machine code	1	106048	
	MAIN POWER SUPPLY	V Hz	220 60	
	CONTROLS POWER SUPPLY	V	24	
	ELECTRICAL CONNECTION CONNECTOR (Monophase) FUSES	V A	220 32	
	CABLE (UP TO 40M)	mmq	3x2.5	
	GENERATOR SET (MINIMUM)	kVA	12	
	WATER CONNECTION		3/4"	,15
	GEARMOTOR MIXER	kW A r.p.m.	2.2 9.9 320	Oal
		kW	0.37	
	CELL WHEEL GEARMOTOR	A r.p.m.	2 MAX16	er Your parts
	WATER PUMP	kW A	0.45 3.3	* '
	COMPRESSOR IM 250	kW A Nl/min	0.75 5.6 250	
	MAXIMUM POWER	kW 🧹	3.77	
	WATER PRESSURE SWITCH SETTING (MIN/MAX)	bar	1.9/2.1	
	PRESSURE STABILISER SETTING	bar	1.9	
	MIXER GEARMOTOR PRESSURE SWITCH SETTING(MIN/MAX)	bar	0.9/1.2	
	COMPRESSOR PRESSURE SWITCH SETTING(MIN/MAX)	bar	1.8-2.8	
	COMPRESSOR SAFETY VALVE SETTING	bar	4	
	MATERIAL FLOW RATE WITH PUMP ECOSTAR (APPROX.)	l/min	8-11-15	
	MAXIMUM PRESSURE	bar	20	
Go to Discol	MAXIMUM PUMPING DISTANCE (*) HOSE DIAM. 25 MM HOSE DIAM.35 MM	m m	15 30	
CO	DIMENSIONS X Y Z	mm mm mm	1560 730 1190	
	LOADING HEIGHT	mm	900	
	HOPPER CAPACITY	Ι	110	
	WEIGHT PUMP GEARMOTOR MIXING CHAMBER MACHINE BODY COMPRESSOR TOTAL	kg	41 28.5 162.5 23 255	
	NOISE EMISSION LEVEL LPA A 1M - LWA - EN ISO 3744 (2000/14/EC)	dB(A)	<76 90	
	DESIGN STANDARDS	ΕN	N 12100 N 60204-1 N 12001	



Dear Customer,

compliments on your purchase of this IMER plaster mixer, the result of long-standing experience in the field and features maximum reliability and innovative technical solutions.

$\angle ! \setminus$ - WORKING IN SAFETY.

To ensure complete safety, read all the instructions in this manual carefully.

This OPERATION AND MAINTENANCE manual must be kept by the Site Manager and be always available for consultation.

The manual is considered part of the machine and must be stored for future reference (EN ISO 12100) through to scrapping of the machine itself. If the manual is lost or damaged, a replacement copy can be ordered from the manufacturer.

The manual contains the EC declaration of conformity (2006/42/EC) important information on construction site procedures, installation, operation, maintenance and requests for spare parts. Nevertheless, the user must both have adequate experience and knowledge of the machine prior to use: the user should be trained by a person totally familiar with the operation and use of this machine.

In order to ensure operator safety safe operation and long service life, all instructions in this manual must be observed, together with the requirements of current legislation governing work safety (use of safety footwear and adequate clothing, use of helmets, gloves, goggles etc.).



. Make sure that all signs are legible.

$extstyle lacksymbol{!}$ - Never make any modifications to the metal structure or plastering machine systems

IMER INTERNATIONAL accepts no responsibility in the event of failure to comply with laws governing the use of this type of equipment, with particular reference to: improper use, incorrect power supply, lack of maintenance, unauthorised modification, and failure to comply, either wholly or p artially, with the instructions set out in this manual.

IMER INTERNATIONAL reserves the right to modify the characteristics of the plastering machine and/or contents of this manual, without the obligation to update the previous machine and/or manuals.

1. TECHNICAL DATA

Table 1 provides the technical specifications of the plastering machine, with reference to figure 1.

2. DESIGN STANDARDS

The plastering machines have been designed and constructed according to the standards specified in table 1.

3. NOISE EMISSION LEVEL

Table 1 shows the sound pressure levels of the plastering machine measured at the ear of the operator (L $_{\rm pA}$ at 1 m) and noise emission levels in the environment (power \dot{L}_{WA}) measured according to EN ISO 3744 (2000/14/CE).

4. DESCRIPTION OF PLASTERING MACHINE **OPERATION**

! - The plastering machine is designed for use in building sites, for mixing and pumping all mixed mortars declared as compatible with this type of machine by the material manufacturers: gypsum based plasters, anhydrite based plasters, lime/cement based plasters, reverse insulation plasters, grouting mortar etc.

4.1 PLASTERING MACHINE DESCRIPTION (Fig. 1)

The plastering machine comprises a wheeled frame (ref.1), which supports a hopper (ref.2), a mixing chamber (ref.3), a water circuit (ref.4) complete with self-priming pump (ref.4a), an electrical panel (ref.5), and a diaphragm compressor (ref.6). The pre-mixed dry material is poured in to the hopper, in which a cell-wheel-dispenser (ref.7), activated by a gearmotor (ref.8), moves the material inside the mixing chamber . The mixing chamber contains

a mixer (ref.9), activated by a gearmotor (ref.8a), which mixes the material with water delivered to the chamber by the water pump.

The water flow rate is regulated by means of a micrometric valve (ref.4b) and displayed via a flow meter (ref.4c). The mixer drives a helical rotor pump (ref.10) which conveys the material

via a rubber hose (ref.12) to the spray jet (ref.12a). Ther air pumped by the compressor is also delivered to the jet to enable spray application onto the walls.

5. OPERATION SAFETY

 $\angle ! ackslash$ - Before using the plastering machine, ensure that it is fitted with all safety devices.

! - Never insert parts of the body and/or tools in the hopper or mixing chamber during operation.

All current standards governing accident prevention and safety devices must be observed in the workplace.

Take care when handling sacks of material to avoid dispersion of dust with inhalation of the latter; if this is not possible masks must be worn to protect the mouth and nose.

! - Never use the machine in areas subject to the risk of explosion/fires or in underground installations.

The plastering machine is not equipped with a lighting system and therefore the workplace must be fitted with adequate lighting. The power lines must be laid to prevent any possible damage. Never place the plastering machine on electric power cables. Ensure that the electrical connection is protected against the risk of water penetration in connectors. Use exclusively connectors and couplings equipped with water spray protection.

- Never use inadequate or provisional electric lines; if in doubt consult specialist personnel for assistance.
- Repairs to the electrical circuit must be performed exclusively by specialised personnel. Disconnect the machine from the power supply before performing maintenance or repairs.
- -Avoid contact of electric wires with movable and/or moving parts of the machine to avoid injury from contact with live metal

6. ELECTRICAL SAFETY

The KOINE 35 plastering machine is constructed according to standard EN 60204-1, with protection against water sprays and protection against overload and power failure.

The plastering machine must be connected to the earthing circuit.

KOINE 35

7. MECHANICAL SAFETY

The hazardous points on the IMER plastering machine are protected by means of suitable safety devices, which must remain fitted at all times and kept in perfect condition, such as the electric motor cooling fan guard and the grille on the hopper to prevent contact with the cell wheel.

Also opening of the mixing chamber, either via the motor support flange or the complete mixing chamber, shuts down the rot ary parts of the machine thanks to a specific safety microswitch.

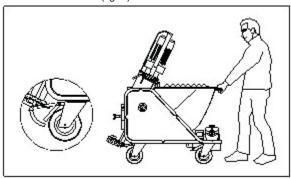
8. TRANSPORT

1- Caution! Before moving the plastering machine, always detach the power plug.

Before moving the plastering machine the water delivery hose and material delivery line must be removed.

Only a minimal amount of the material should be in the hopper when handling.

Release the wheel by means of the brake and move the mixer by means of the handles (fig. 2)

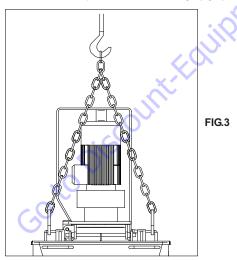


1 - Caution! Before lifting the plastering machine, always disassemble the compressor for separate transport.

FIG.2

! - Caution! Before lifting the machine, always check that all machine components are correctly secured and fitted in place.

To lift the machine, use the specific attachment rings (fig.3)



 $\stackrel{\frown}{\mathbb{N}}$ - Caution! Lift with care to avoid hazardous oscillations

To facilitate transport, the machine can be disassembled as shown in fig.4

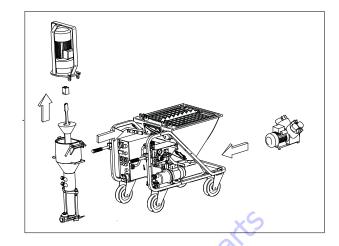


FIG.4

The weight of the sub-units shown in fig.4 are specified in table 1.

9. INSTALLATION

Position the plastering machine on a flat surface in an area where it does not constitute an obstruction either during use or cleaning at the end of the work shift and where a minimum quantity of pipelines is required.

Secure the machine in place by means of the wheel brake (ref.5 fig.11).

10. CONNECTIONS 10.1 ELECTRICAL CONNECTION

Properties that the power supply voltage, mains frequency and electrical connection (socket, fuses, cable) correspond to specifications in table 1.

The electrical power line must be fitted with protection against current overload (e.g. by means of fuses or a thermal magnetic cut-out) and with current dispersion to earth (e.g. with a differential circuit breaker). The electric cable wire size must take into account the operating currents and length of the line to avoid excessive voltage drops.

Avoid use of extension leads wound on drums. The power cable must be suitable for frequent movements and with an abrasion resistant sheath (e.g. type H07RN-F).

Before connecting the plastering machine to the electrical mains, ensure that all safety devices are fitted and are in perfect condition, and check in particular that the hopper grille is secured in place, that the extension in good condition and that the plugs and sockets are not wet.

Connect the plastering machine socket on the electrical panel to the mains (fig.5).

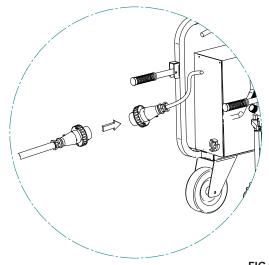


FIG.5

KOINE 35

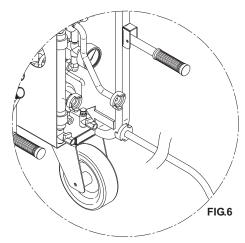
10.2 WATER CONNECTION

Connect the water hose (table 1) to the water mains (fig.6). The water mains must guarantee a minimum flow rate of 20l/min

Otherwise a tank of suitable capacity (200 I) must be fitted with clean water, to be kept full at all times, and from which water can be taken by means of the self-priming pump supplied with the machine. In this case the hose must have a minimum diameter of 3/4", a maximum length of 3m, preferably a foot filter and must not be subject to deformation during use.

1 - Caution! The first time the water pump is connected to the tank, it must be activated by manually filling the intake line.

The same operation must be repeated each time the circuit is drained, or after a prolonged period of disuse.



10.3 AIR CONNECTION

Connect the air hose to the machine panel and spray jet (fig.7) Open the spray jet air valve.

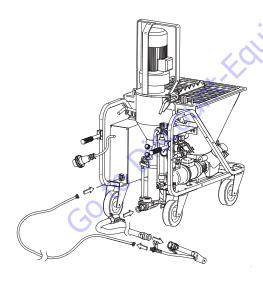


FIG.7

10.4 CORRECT CONNECTIONS FOR MATERIAL LINES

Take the material hoses and check that they are in perfect condition, that the couplings are intact and all relative seals are present. Check that the cam levers ($\,$ A) of the couplings have been tightened correctly and that the seal (B) is fitted as shown in the figure below .

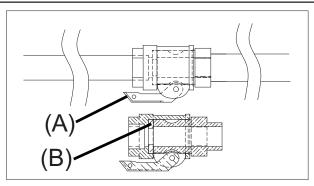


FIG.8

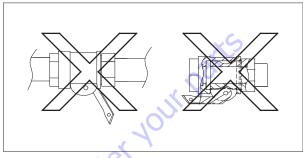


FIG.9

11. START-UF

Before starting up the machine, check that the air valve on the spray jet is open (ref.9a).

Turn the main switch (ref.Q1) on the electrical panel to 1; the compressor is activated. Using the two pushbuttons (ref.Q3), access start command n°2(ref.Q4) on the display .

Remove the cap (ref 1a) and check that there is no material obstructing the hole underneath. Press the supplementary water button (ref.Q 9) and check that water flows out of the hole (ref.1a).

Use the micrometric valve (ref.8) to set the water flow rate, as displayed by the flow meter (ref.2) respectively

-at 300 l/min for cement-based products

-at 500 l/min for gypsum based products

Refit the water level cap in it s hole and close securely. Load the hopper with the relative premixed material in sacks. Set the cell wheel selector (ref.Q11) to the ON position. Position the start selector (ref.Q5) to ON (rotate to the right), to

start up the machine.

Wait for material to be delivered from the jet and at the same time load the material hopper.

At this point the mix delivered by the jet can be adjusted by correcting the quantity of water as required.

Use the micrometric valve, reducing the flow rate by 20l at a time, to obtain the required consistency.

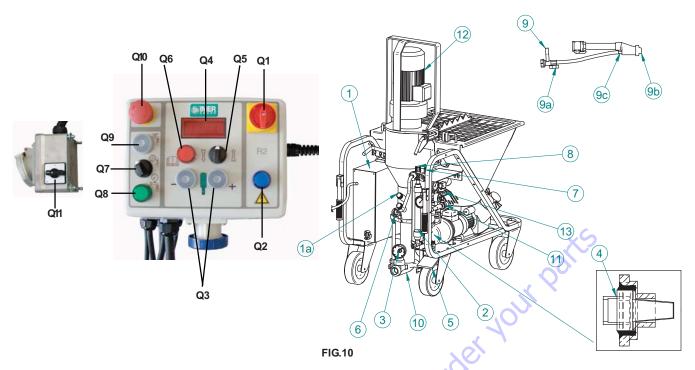
When the jet starts to deliver material at the required consistency normal work can be started.

The machine starts and stops by opening and closing the air supply to the spray jet.

The machine is fitted with protection against power failure or surges (see paragraph *Errors*, page 24): if one of these events occurs, the thermal cut-out trips. In this case reset the switch (ref.Q5) and turn the main switch to 1.

In the event of water pressure failure (see table *Troubleshooting*), the motor shuts down and the green light turns off (ref.Q8). The machine restarts automatically when sufficient pressure is restored

To stop the machine in the event of an emergency, press the red emergency button (ref.Q10) - all moving parts are shut down - then turn the main switch to 0 and remove the electric power plug from the mains socket.



THERMAL CUTOUT PROTECTION

The water pump and compressor are protected by a thermal cut-out housed inside the pressure switch connected to the inverter panel. The mixer motor and the cell wheel motor are protected at various levels and if any one of the protection devices trips, this will be signalled on the display.

ERROR MESSAGES (SHOWN ON PANEL DISPLAY):

: The error messages are shown on the inverter panel display when specific situations arise:

- ERR 00: Fault module inverter
- ERR 01: Motor overtemperature
- ERR 02: Motor thermal cut-out
- ERR 03: Momentary overload of motor
- ERR 04: Thermal image of motor
- ERR 05: Under-voltage
- ERR 06: Over-voltage
- ERR 07: Water pump protection
- ERR 08: Excessive air loss
- ERR 09: Cell wheel motor blocked
- ""BLOC"": Motor pump blocked
- ""H2O"": Water pressure too low
- ""VOLT""

Note: Refer to the t able *Troubleshooting*on page 27, for further information.

12. OPERATION

1 - The hopper safety grille must be fitted and secured at all times.

Never place materials other than premixed dry materials in the hopper.

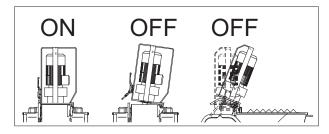


FIG.11

! - Opening of the mixing chamber causes shutdown of the machine moving parts (fig.11). First close the mixing chamber and press the start pushbutton to start the machine.

- Wear specified protective devices before working on the machine

Regulate the water to obt ain the required consistency. Different diameters of deflector are available (10,12,14,16,18 mm):

the smaller deflectors enable improved nebulisation, and the larger ones are more suited to materials with a larger particle size.

For standard plastering materials the deflector with 14 mm hole (ref.9b) is used.

However, it is import ant to measure the dist ance of the nozzle (ref.9c) from the outlet so that it is the same as the diameter of the deflector (fig.12).

If no water is delivered, the machine shuts down.

Before restarting the machine, identify the cause of the problem: valve closed, delivery hose bent, tank empty, clogged filter (ref.4).

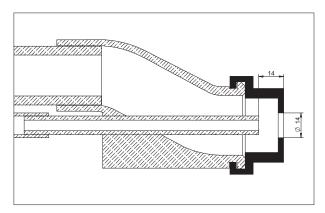


FIG.12

Interruptions exceeding 30min should be avoided.

Prolonged shutdown can cause clogging in the material delivery lines: in this case no material is delivered from the jet and the pressure gauge (ref.3) indicates a higher pressure than the normal working value.

Shut down the machine by means of the selector (ref.Q1) to "0", and position the cell wheel switch (ref.Q1 1) to "0".

Run the pump in the opposite direction for a few seconds by operating the selector switch (ref.Q5): the material pressure gauge indicates 0 bar.

Locate the point of clogging in the hose and remove by tapping the pipeline with a mallet.

1 - If necessary, disconnect the jet or open the pipeline couplings, checking previously if any residual pressure is present.

The material pressure gauge must indicate 0 bar and the pipelines, excluding the clogged sections, must be flexible. The personnel assigned for this task must be specially trained in these procedures.

In the event of any doubt as to the presence of residual pressure, never open the couplings.

Reconnect the pipelines and spray jet, set the main switch to the correct position (the blue lamp illuminates) and restart the machine.

$\stackrel{\frown}{\mathbb{N}}$ - Do not move the machine with the hopper full.

If the material delivered is alternately hard and soft this may indicate a worn pump. To replace the pump, proceed as follows: release the handle on the left and open the mixing chamber. Insert the tube wrench on the end of the mixer and unscrew until the screw inside the sator is released. Close the mixing chamber tilt and lock in the lifted position, remove the material delivery manifold and fit a new screw-stator unit (fig.13).

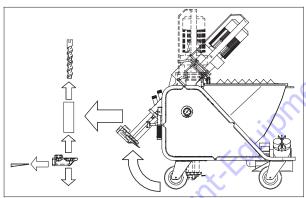


FIG.13

To insert the screw in the stator, use the lubricant spray available from IMER. Never use mineral oil or grease for screw assembly as this may damage the st ator. Avoid all types of benzene. In the case of a power failure during operationclean the machine and pipelines immediately (see p ara.13). Also disassemble the pump, remove the screw from the stator and clean. On completion reassemble all components.

13. MACHINE SHUTDOWN AND CLEANING

At the end of work, stop the cell wheel and continue pumping until the material delivery pipelines are empty.

Stop the machine by means of the pushbutton(ref.Q5) and set the main switch(ref.Q1) to 0.

Open the jet valve, detach the jet and clean thoroughly, cleaning the nozzle with the special tool supplied (fig. 14).

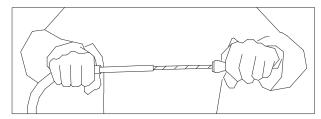
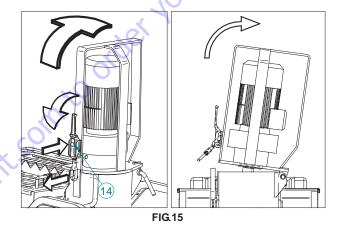


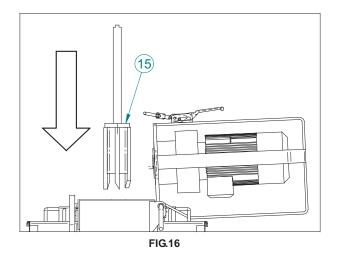
FIG.14

- Before disconnecting the jet or pipelines, ensure that there is no residual pressure.

Disconnect the material pipelines from the delivery manifold. Detach the quick connector with safety device (ref.14) and open the mixing chamber (fig.15).



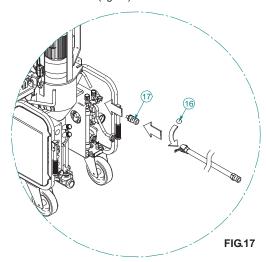
Remove the mixer and clean. Clean the mixing zone with a brush. Insert the scraper (ref.15) as shown in fig.17, close the mixing chamber, turn the main switch to the work position and then operate the start selector switch. Leave running for 5-10 seconds, until the mixing chamber is completely clean.



KOINE 35

Stop the machine by means turing the selector (Ref.Q5) to "0", and remove the scraper and refit the clean mixer .

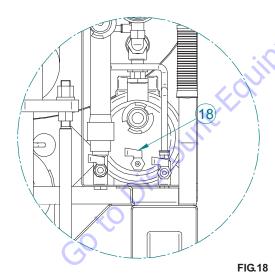
Proceed with pipeline cleaning. Insert a washing sponge (ref.16) at the start of the pipeline, connect the material delivery hose to the mortar hose-water hose coupling (ref.17), and then connect the latter to the auxiliary water valve. Insert the water pump and open the auxiliary water valve until the washing sponge comes out from the other end (fig.17).



If using pipelines with a different diameter for cleaning, use a suitably sized sponge. Repeat the operation until the pipeline is perfectly clean.

At this point, on completion of machine cleaning, turn off the main switch, disconnect the power plug, close the water delivery valve, open the auxiliary valve for a few seconds and detach the delivery hose.

If there is any risk of freezing, open the three valves (ref.18) as shown in fig.18 and drain all water from the circuit.



Remember to reclose the valves before restarting the machine. If the machine is not to be used for several days, empty the hopper completely, opening also the drain plug (ref.5, see EXPLODED MACHINE DRAWING).

Also remove the cell wheel.

! - Before opening the drain plug or the grille, ensure that the main switch is turned to 0 and the plug is disconnected from the power supply

14. MAINTENANCE

! - Maintenance must be performed by adequately trained personnel, after switching off the machine, disconnecting it from the power supply and emptying the hopper.

Check daily that the water filter is clean.

Check weekly that the compressor air filter is clean. If deteriorated, replace.

Check weekly that the mixer is in good condition and replace if necessary.

Check weekly that the motor connection is in good condition and replace if necessary.

Check weekly that the electric motors are free of dust and dirt and if necessary clean using compressed air

Check weekly that the plug and socket contacts are clean, dry and rust free.

Every six months arrange for an inspection of the machine by a technician authorised by IMER or authorised IMER dealer.

1 - Spent oil is a special waste. Therefore it must be disposed of according to current legislation.

! - Always keep notices and symbols on the machine legible.

15. REPAIRS

! - Never start up the plastering machine during repairs.

Repairs to the electrical installation must be performed exclusively by specialised personnel.

Use exclusively original IMER spare parts, which must not be modified in any way.

1 - If any guards are removed for repairs, ensure they are refitted correctly at the end of work.



KOINE 35 INCONVENIENTI RIMEDI La macchina non parte Check that water is delivered from the supply hose Acqua Water pressure too low: the gauge shows pressure below 2 bar (green lamp on?), the display shows the text H₂O Check that the water filter is clean Check that the water pump is switched on If the pump collects from a tank, check that it has been primed and there are no leaks from couplings Initial start-up not performed correctly (see para.11) Water flow rate setting too low (see para.11) Machine does not start Product too dry in mixing chamber (mortar pump seized? red lamp on?) No water delivered to mixing chamber (water inlet obstructed, water solenoid valve malfunction) Check that the air hose is not bent or obstructedo Check that the jet nozzle is perfectly clean Machine does not start pressure value on the machine pressure switch (table 1) Machine does not start Electrical current Check points listed alongside and compressor does not start and the blue light is No current delivered to connector of site panel - No content delivered to connector of site paner (fuses?) - No power delivered to machine (defective connector connection? loose cable?) - Main switch not ON Machine does not start but compressor starts Electrical current Check points listed alongside Electrical current Start selector switch not in correct position Mixing chamber open (start/stop pushbutton lamp on?) Mortar pump motor connector not inserted (start/stop pushbutton lamp on?) Low water pressure switch trips on start-up (water pump switched on ?see also "machine does not start due to water) Check that water does not continue to enter the mixing chamber when the machine is stationary Empty hopper (see para.11) and fill with fresh material Material - Material hardened in hopper - Material too compact in hopper (machine moved with hopper full?) Cell wheel does not start Electric current - Starting power voltage insufficient (red lamp illuminates after a few seconds?) - Motor faulty Ensure that the electric cable section is adequate (see para.10.1) Check the current line to the site panel and site panel connector Check motors, electric cables and connectors Mortar pump and/or cell wheel does not start Faulty cable Faulty connector Check the air hose and couplings in particular and replace if necessary Check air filter (see para. 12) Check compressor relief valve Machine does not ston and/or compressor does Air hose defective (hose cut? Air leaks from couplings? Compressor air supply low Jet air valve faulty (blocked in open position) Check points listed alongside: clean filters, check for adequate flow rate from the water hose (at least 10-12 l/min if working with lime-cement based plaster, at least 15-20 l/min with gypsum based plasters) and replace hose if necessary or collect water from an auxiliary tank Machine stops after Water • Intake filter clogged - Pressure reducer filter clogged - Water hose too long and/or too narrow Water supply insufficient - ERR00 : Hopper grille open or incorrectly located. - Screw pump motor thermal cutout (see Err02). - Emergency button pressed. - System malfunction. Ensure the grille is properly located Wait for it cool down, then restart. Reset the emergency button Contact Assistance Service ERR01 : High circuit board temperature (Inverter). Wait for it cool down, then restart - ERR02 : High screw pump motor temperature. - The motor has been subjected to overloading for a long time Wait for it cool down, then restart. ERR03: Too much power required from screw pump motor (motor jammed). Add water to mixture. Add binder to mixture Use sand with optimized particle size curve. Remove blockage. - ERR04 : Screw pump motor overload warning. Use sand with optimized particle size curve. Add water to mixture. Add binder to mixture. Reduce screw pump motor speed. Finally that the power voltage is in the range 200V to 230V when the machine is operating, that the power cables are properly rated and that no other equipment (cranes, lifts, saws, concrete mixers, etc.) is connected to the same supply. - ERR05 : The compressor turns on and off too frequently although the air tap put Replace the gaskets on the spray jet is closed -Air hose punctured. -Seal the couplings The machine stops during -Leakage from unions Replace the air tap of the spray jet ERR06: Instantaneous power voltage over 265V. Check the quality of the current delivered by the power supply (qualified The following texts appear lectrician) on display Contact Assistance Service - ERR07 : Current loss to ground or system malfunction Check for water in system Ensure that the power voltage is in the range 200V to 230V when the machine is operating, that the power cables are properly rated and that no other equipment (cranes, lifts, saws, concrete mixers, etc.) is connected to the same supply - ERR 08 : Power voltage too low: - Lower than 170V ERR09: Wheel motor overload on loading cell. Remove blockage and any encrustation : Input voltage in excess of 265V Check power supply connection Check power voltage at source, it must not exceed 240V BLOC: Input voltage in excess of 265V Check whether the stator and rotor are jammed together Remove rotor and stator and uniam/replace them Foreign matter in hopper / mixing chamber Remove foreign matter from hopper / mixing chambe - STOP: Closed jet air warning. - Jet nozzle / air hose blocked, machine does not stop after halt. The warning automatically disappears if the machine starts normally after the halt. Clean the air nozzle and unblock the air hose - H2O: Water pressure below 2.5 bar, insufficient flow/pressure for correct Switch on the machine's water pump. C Check that the supply pressure does not drop below 2.5 bar while the machine is bumping, if necessary take the water from a 200 litre tank (approximate size). The machine turned off and on again by itself, "H2O" flashes on the display for a Check that the water circuit filters are clean. few seconds -Air in hose/system Drain water from the purge cock to bleed all air from the hose/system Material flow stops (air bubbles) Mixing - Mixer not suited to product - Material damp in hopper Clean the mixer and if necessary replace with one more suited to products used Clean the mixer and if necessary replace with one more suited to products used Material flow stops Clogging - Material hose clogged Remove obstruction Spray jet clogged Material delivered to jet not Pre-mixed material deteriorated Check points listed alongside constant, too hard or too Screw-stator pair worn Screw-stator pair worn Screw-stator pair worn Water pressure reducer faulty (ref.) Water solenoid valve faulty Water system settings incorrect Electric cable too long and too narrow liauid Water increases in mixing Screw-stator pair worn Replace screw-stator chamber during operation Pipeline clogging Remove obstruction

Check

Water increases in mixing chamber with machine

stationary

Solenoid valve faulty



INDICATOR LAMP TABLE

INDICATOR LAMP (SEE PAGE 12)	ON	OFF
BLUE (ref.Q2)	Power supply OK, line present	- No electric power supply - no line - Main switch set to 0
RED (ref. Q6)	- Mixing chamber open or not in correct position.	- Mixing chamber in correct position.
GREEN (ref. Q8)	Water pressure OK	- No water pressure
		ait's
	Edilphe	it.com.to order your parts
GO,	to Discollitie	

SPARE PARTS SPARE PARTS Go to Discount Equipment.



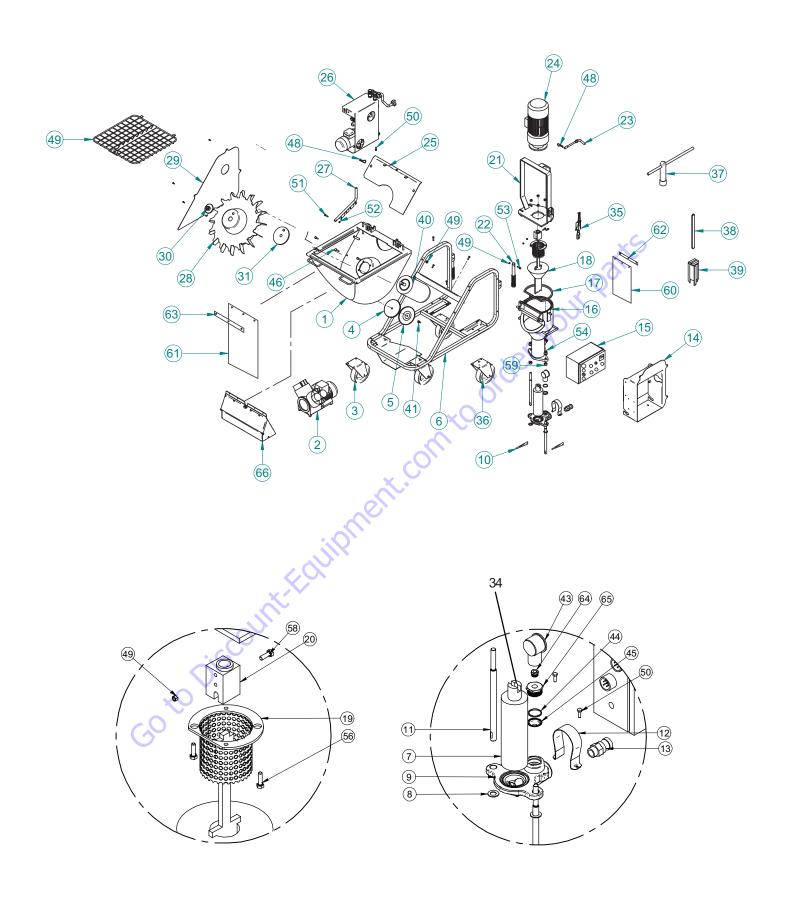


Fig.1 Tav.1

		TA	V. 1 MACHINE STRUCTU	RE	
A MATRICOLA PARTIR DU NUMÉRO DE SÉRIE ROM SERIAL NUMBER ON SERIENNUMMER	Rif.	Cod.	DESCRIPTION	Note	
EL NUMERO DE SERIE 9491208	1	3223726	KOINE 4HOPPER		
	2	3229746	COMPRESSOR		
	3	3223422	RUBBER WHEEL	D.200	
	4	3223366	DUST OUTLET DOOR		
			SEAL		ļ
	5 6	3223378 3223412	PLUG FRAME		ł
			TIVAWL	ECO STAR CB/63	İ
	7	1107084	STATOR	KOINE 35	
		1107032	0.7.1.0.1	EOB/SM D4-1/2 KOINE 35 AEROBLUE	
	8	2224640	WASHER 6592		1
	9	3223388	MANIFOLD		
	10	3223719	CLAMPING CONES		
	11	3223720	TIE-ROD		
	12 13	3223389 3223703	GUARD M-M CAM COUPLING		ł
	14	3227962	GUARD		
	15	3229673	ELECTRICAL PANEL		xS
	16	3223370	MIXING CHAMBER		
	17	3223995	SEAL		
3006583	18 19	1107542 3228425	MIXER FLANGED HOSE		
000000	20	3223352	TERMINAL		
3006583	21	3228424	GUARD		aux parts
	22	3223716	HANDLE	4	
2000500	23	3223374	CHAMBER PIN		
3006583	24 25	3229688	MIXER GEARMOTOR	_	P
3006766	26	3229264 3228031	COVER WATER CIRCUIT	76)	
3006766	27	3229325	LOC KING HANDLE	.(0)	l
0000.00	28	3223394	CELL WHEEL		1
	29	3224139	RH GUARD	<u> </u>	
	30	3223376	CENTRAL EYEBOLT		
	31	3223377	WHEEL SUPPORT		
	33				
	- 00	1107085	0	ECO STAR	
	34	1107033	CAM SCREW	(KOINE 35) EOB/SM D4-1/2	
	35	3223717	SAFETY HANDLE	(KOINE35 AEROBLUE)	
	36	3223421	BRAKE WHEEL	D.200	
	37	3223354	PIPE WRENCH		1
	38	3223347	VERTICAL SECTION		
	39	3223349	SCRAPER		
	40	3233856	CELL WHEEL		
			GEARMOTOR FEMALE EXERGIT	M8 Z	ļ
X	41 42	3207209 3223397	FEMALE EYEBOLT CELL WHEEL TYRE	IVIO Z	
	43	3223689	MANIFOLD PRESSURE GAUGE		
.0,	44	3223391	SPACER ANTI-FREEZE	M8 F Z	
<u> </u>	45	3223392	MEMBRANE	M8 Z	
	46	3223986	SCREW	8X50 TTCQ Z]
	47	3223987	SCREW	8X20 TTCQ Z	
	48	2226700	SPLIT PIN	D.3.5 Z	ļ
9491208	49 50	3223724 2222060	GRILL SCREW	T.E 8.8 5739	1
				8X20 Z T.E 8.8 5737	-
	51	2222156	SCREW	10X50 Z	
	52	2223920	SELF LOCKING NUT	M10 Z	
	53	3224142	SCREW	T.E 8.8 5739 8X45 Z	
	54	3223702	FLANGED NUT	M16 UNI 6923 Z	
	55	2222034	SCREW	T.E 8.8 5739 12X20 Z	
	56	2222088	SCREW	T.E 8.8 5737 8X40 Z	
	57	1222050	SCREW	T.E 8.8 5739 8X50 Z	
		1222047	SCREW	T.E 8.8 5739 8X70	
	58				
	58	2223570	NUT	M16 Z	
			NUT REAR APRON	M16 Z	
	59	2223570		M16 Z	
	59 60	2223570 3224148	REAR APRON	M16 Z	
	59 60 61	2223570 3224148 3224149	REAR APRON FRONT APRON	M16 Z	
	59 60 61 62	2223570 3224148 3224149 3224150	REAR APRON FRONT APRON REAR APRON SHEET	M.1/2" F. 1/4"	
	59 60 61 62 63	2223570 3224148 3224149 3224150 3224151	REAR APRON FRONT APRON REAR APRON SHEET FRONT APRON SHEET		

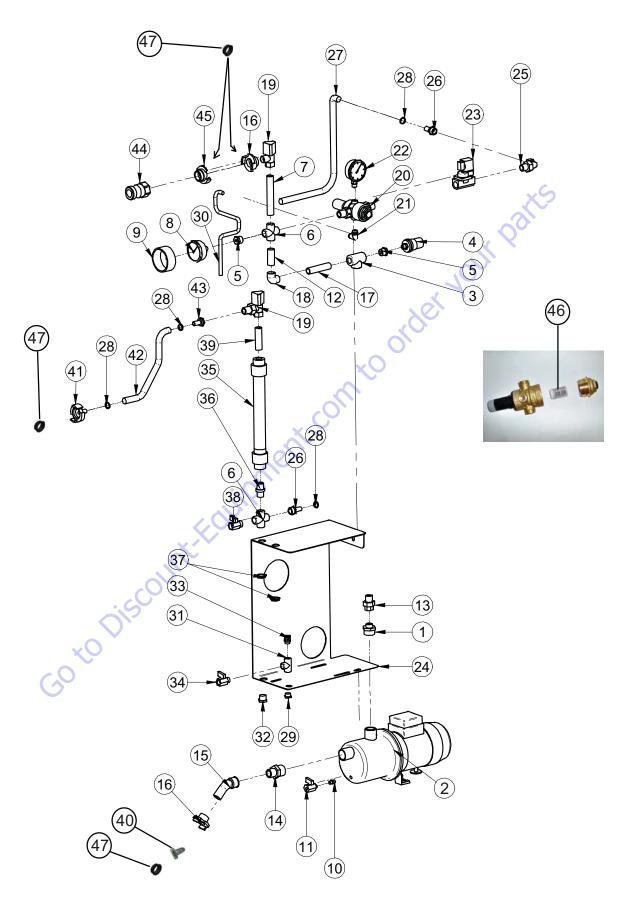


Fig.2 Tav.2



Rif. Cod. DESCRIPTION Note 1 3223619 GREASE NIPPLE M.M. 1" 1/2 OTTONE 2 3229344 WATER PUMP NGX M2 220V/60Hz 3 3223617 CONNECTOR F.F.F. 1/2"1/2"1/2" 1/2" 1/2" 1/2" 1/2" 4 3223639 PRESSURE SWITCH GP600 1/4 Gc 1-5 BAR 5 3223609 REDUCTION M.1/2"-F.1/4" OTTONE 6 3223606 CONNECTOR F.F.F. 1/2"1/2" 1/2" 1/2" OTTONE 7 3223611 BRANCH M.1/2" L=125 OTTONE 8 3223625 PRESSURE GAUGE A.T.POSTERIORE 9 3224176 RUBBER COVER D.63 CON ATTACCO POST. 10 3223959 GREASE NIPPLE M.T. 1/2" L=105 OTTONE 11 3223618 NLET M.F. SEDE CONICA 1/2" OTTONE 12 3223630 MINI BALL VALVE F/F. CIL.1/8" NICHELATA 14 3224170 GREASE NIPPLE M.T. 12" L=50 OTTONE 15 3224171 45" BEND 3/4" M.F. GHISA 16 3223636 QUICK CONNECTOR		TAV. 2 - 3234428 WATER SYSTEM				
2 3229344 WATER PUMP	ŀ	Rif.	Cod.	DESCRIPTION	Note	
3 3223617 CONNECTOR F.F. 1/2"1/2"1/2" OTTONE	į	1	3223619	GREASE NIPPLE	M.M. 1" 1/2 OTTONE	
4 3223630 PRESSURE SWITCH GP600 1/4 Gc 1-5 BAR		2	3229344	WATER PUMP	NGX M2 220V/60Hz	
5 3223609 REDUCTION M.1/2".F.1/4" OTTONE 6 3223606 CONNECTOR F.F.F. 1/2"/1/2"1/2" OTTONE 7 3223611 BRANCH M.1/2".L = 125 OTTONE 8 3223625 PRESSURE GAUGE 10 BAR 1/4" CONICO D.63 ATT.POSTERIORE 9 3224176 RUBBER COVER D.63 CON ATTACCO POST. 10 3223959 GREASE NIPPLE D.32 CON ATTACCO POST. 11 3223620 MINI BALL VALVE F/F CIL.18" NICHELATA 12 3223632 BRANCH M. 1/2" L=50 OTTONE 13 3223618 NLET M.F. SEDE CONICA 1/2" OTTONE 14 3224170 GREASE NIPPLE M.M. 1" 3/4 GHISA 15 3224171 45° BEND 3/4" M.F. GHISA 16 3223636 QUICK CONNECTOR FEMM, 3/4" OTTONE 17 3223637 BRANCH M. 1/2" L=85 OTTONE 18 3224168 90° ELBOW FITTING 1/2" F.F. OTTONE 19 3223627 ANGLE VALVE REGMICR.1/2" SYR ART. PFT n°1577 P. <td< td=""><td></td><td>3</td><td>3223617</td><td>CONNECTOR</td><td>F.F.F. 1/2"1/2"1/2" OTTONE</td></td<>		3	3223617	CONNECTOR	F.F.F. 1/2"1/2"1/2" OTTONE	
5 3223609 REDUCTION OTTONE 6 3223606 CONNECTOR F.F.F. 1/2"1/2"1/2"1/2"1/2"1/2"1/2"1/2"1/2"1/2"	Ì	4	3223630	PRESSURE SWITCH	GP600 1/4 Gc 1-5 BAR	
CONNECTOR	ı	5	3223600	REDUCTION	M.1/2"-F.1/4"	
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7 3223611 BRANCH OTTONE 8 3223625 PRESSURE GAUGE 10 BAR 1/4" CONICO D.63 ATT-POSTERIORE 9 3224176 RUBBER COVER D.63 CON ATTACCO POST. 10 3223959 GREASE NIPPLE 1/8" M.M. CONICO OTTONE 11 3223620 MINI BALL VALVE F/F CIL.1/8" NICHELATA 12 3223632 BRANCH M. 1/2" L=50 OTTONE 13 3223618 NLET OTTONE 14 3224170 GREASE NIPPLE M.M. 1" 3/4" GHISA 15 3224171 45" BEND 3/4" M.F. GHISA 16 3223636 QUICK CONNECTOR FEMM, 3/4" OTTONE 17 3223957 BRANCH M. 1/2" L=85 OTTONE 18 3224168 90" ELBOW FITTING 1/2" FF. OTTONE 19 3223627 ANGLE VALVE REGMICR 1/2" SYR ART. PFT n°1577 20 3223629 PRESSURE REDUCER D06F-1/2" ZPI 21 3223624 AIR CONNECTOR 90" GIREV.1/4"CIL. CON OR 22 3223626 PRESSURE GAUGE		6	3223606	CONNECTOR	OTTONE	
S 3223625 PRESSURE GAUGE ATT.POSTERIORE		7	3223611	BRANCH	OTTONE	
10 3223959 GREASE NIPPLE 1/8" M.M. CONICO OTTONE					ATT.POSTERIORE	
10 3223999 GREASE NIPPLE	ŀ	9	3224176	RUBBER COVER		
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23 3228388 SOLENOID VALVE 24V 50/60 Hz 24 3223729 PUMP PROTECTION 25 3223637 90° ELBOW FITTING M.F. CON BOCC.SEDE CONICA 1/2" OTTONE 26 3223613 HOSE FITTING M1/2"x13 OTTONE 27 3223634 WATER HOSE D.13 15 BAR L=500 28 3223638 RING CLIP D.20-30 29 3223612 MALE PLUG M.3/8" OTTONE 30 1272701 HOSE D8/6 L=400 31 3223616 CONNECTOR F.F.F. 3/8"3/8"3/8" OTTONE 32 3223610 PLUG M.1/2" OTTONE 33 3223623 AIR CONNECTOR M. CONICO 3/8" ZINCATO 34 3223621 BALL VALVE F/M CIL.3/8" NICHELATA 35 3223633 FLOW METER 1/2"150-1500 L/h TROGLAMIC 36 3223607 GREASE NIPPLE 1/2" OTTONE 37 3223730 FLANGED RINGNUT NICHELATA 1/2" 38 3223622 BALL VALVE F/M CIL.1/2" NICHELATA		22	3223626	PRESSURE GAUGE	ATT.RADIALE	
25 3223637 90° ELBOW FITTING		23	3228388	SOLENOID VALVE		
25 3223637 90° ELBOW FITTING CONICA 1/2" OTTONE 26 3223613 HOSE FITTING M1/2"x13 OTTONE 27 3223634 WATER HOSE D.13 15 BAR L=500 28 3223638 RING CLIP D.20-30 29 3223612 MALE PLUG M.3/8" OTTONE 30 1272701 HOSE D8/6 L=400 31 3223616 CONNECTOR F.F.F. 3/8"3/8"3/8" OTTONE 32 3223610 PLUG M.1/2" OTTONE 33 3223623 AIR CONNECTOR M. CONICO 3/8" ZINCATO 34 3223621 BALL VALVE F/M CIL.3/8" NICHELATA 35 3223633 FLOW METER 1/2"150-1500 L/h TROGLAMIC 36 3223607 GREASE NIPPLE 1/2" OTTONE 37 3223730 FLANGED RINGNUT NICHELATA 1/2" 38 3223622 BALL VALVE F/M CIL.1/2" NICHELATA 39 3223958 BRANCH M.1/2" L=70 OTTONE 40 3223635 WATER HOSE D.13 15 BAR L=400		24	3223729	PUMP PROTECTION	WE 000 D000 05D5	
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30 1272701 HOSE D8/6 L=400 31 3223616 CONNECTOR F.F.F. 3/8"3/8"3/8" OTTONE 32 3223610 PLUG M.1/2" OTTONE 33 3223623 AIR CONNECTOR M. CONICO 3/8" ZINCATO 34 3223621 BALL VALVE F/M CIL.3/8" NICHELATA 35 3223633 FLOW METER 1/2"150-1500 L/h TROGLAMIC 36 3223607 GREASE NIPPLE 1/2" OTTONE 37 3223730 FLANGED RINGNUT NICHELATA 1/2" 38 3223622 BALL VALVE F/M CIL.1/2" NICHELATA 39 3223958 BRANCH M.1/2" L=70 OTTONE 40 3223639 FILTER 41 3223615 QUICK CONNECTOR CON PORTAG D.13 OTTONE 42 3223635 WATER HOSE D.13 15 BAR L=400 43 3224169 HOSE FITTING F. 1/2"x13 OTTONE 44 3223721 CAM COUPLING DN 25 M. 1" G. F. 45 3223722 CK CONNECTOR 1" M. OTTONE 46 3226729 FILTER		28	3223638	RING CLIP	D.20-30	
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42 3223635 WATER HOSE D.13 15 BAR L=400 43 3224169 HOSE FITTING F. 1/2"x13 OTTONE 44 3223721 CAM COUPLING DN 25 M. 1" G. F. 45 3223722 CK CONNECTOR 1" M. OTTONE 46 3226729 FILTER	ľ					
43 3224169 HOSE FITTING F. 1/2"x13 OTTONE 44 3223721 CAM COUPLING DN 25 M. 1" G. F. 45 3223722 CK CONNECTOR 1" M. OTTONE 46 3226729 FILTER	ŀ	42	3223635	WATER HOSE		
44 3223721 CAM COUPLING DN 25 M. 1" G. F. 45 3223722 CK CONNECTOR 1" M. OTTONE 46 3226729 FILTER	ŀ					
45 3223722 CK CONNECTOR 1" M. OTTONE 46 3226729 FILTER	ŀ					
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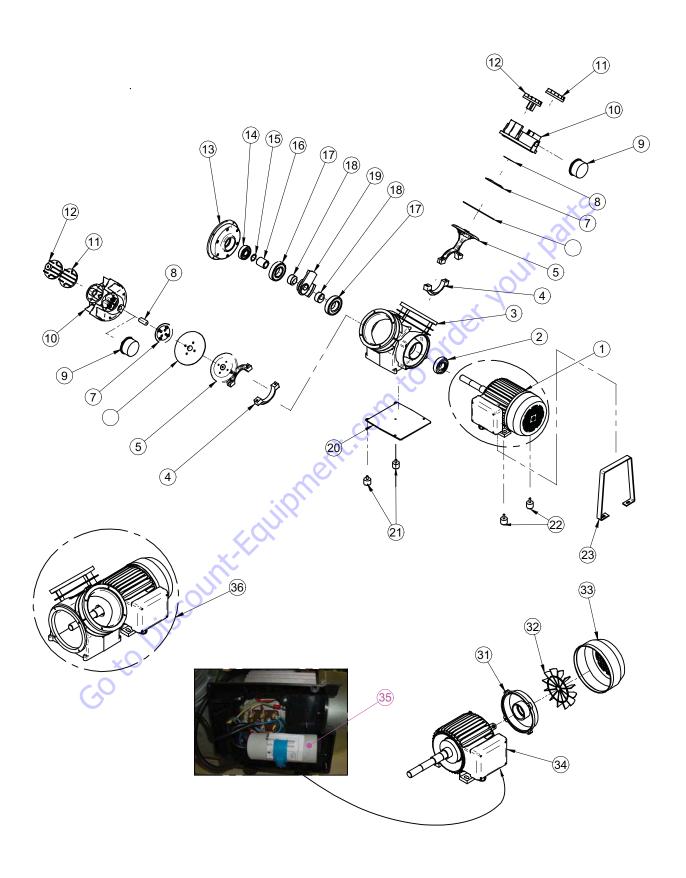


Fig.3 Tav.3

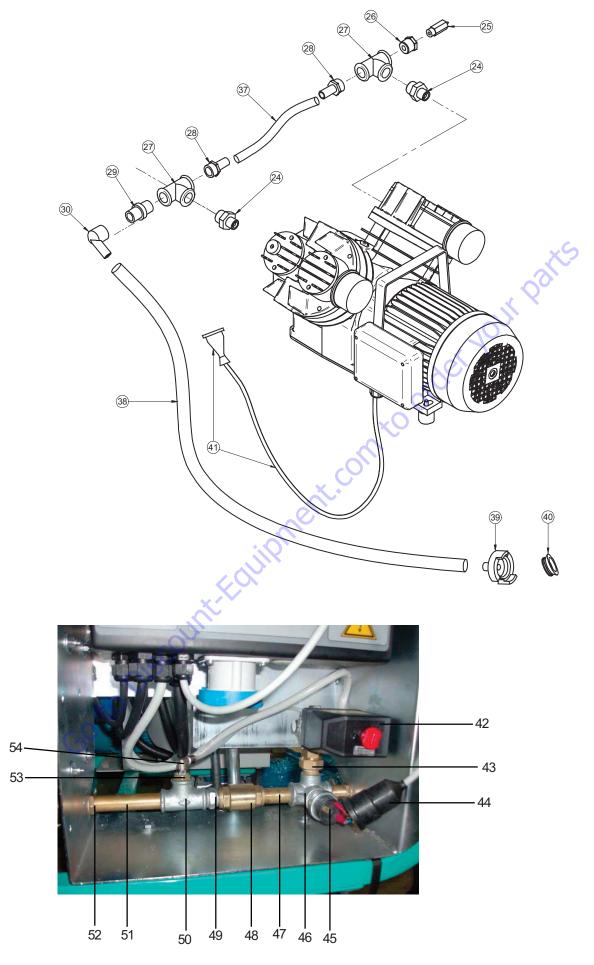


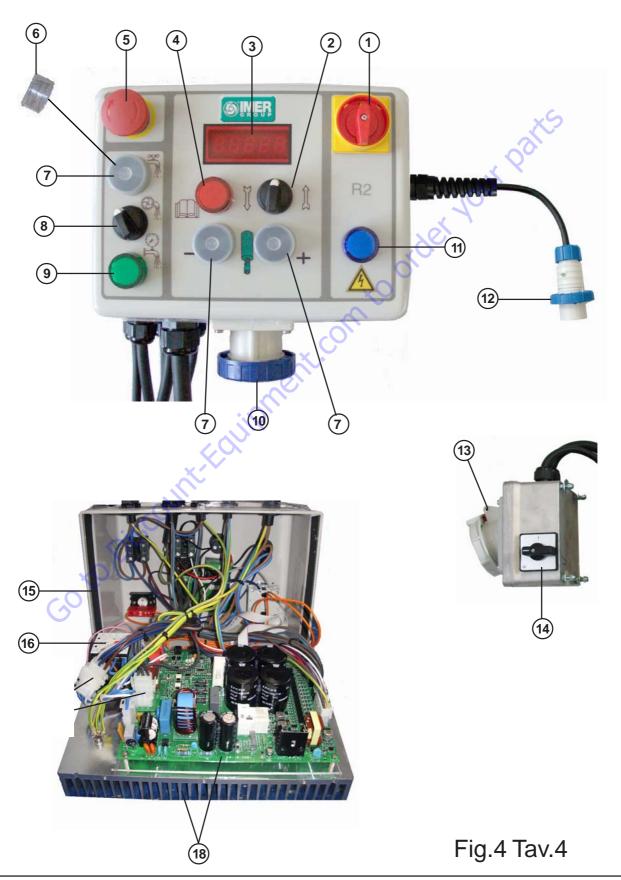
Fig.3.1 Tav.3

		TAV. 3 - 322	29746 COMPRESSOR IM250	230V - 60HZ 0.75Kw	
	Rif.	Cod.	DESCRIPTION	Note	
	1		STATOR	230V	
		3224763		6305 2RS1FAG-SKF	
	3	3224703	BEARING HOUSING	0303 2K3 1FAG-3KF	
	4	3224530	CONROD HEAD		
	5	3224529	CONROD		
	6	3224539	COMPRESSOR MEMBRANE		
	7	3224531	DIAPHRAGM RETAINER		
	8	3224548	COMPRESSOR PLATE		
	9	3224844	COMPRESSOR FILTER		
	10	3224532	HEAD		
	11	3224533	RH CAP		
	12	3224534	LH CAP		
	13	3224536	COVER		XS
	14	2204531	BEARING	6304 2RS	
	15	3227154	ADJUSTING RING	LMKAS 28A (27.8X0.5	
	16	3224332	SPACER	H=1.7)	
	17	3224860	BEARING	6207 2RS1	100
	18	3226967	ECCENTRIC BUSH		. 40
	19	3226966	CAM FLY PRESS	. 0	K YOUR Part'S
	20	3224537	COMPRESSOR PLATE		
	21	3227825	VIBRATION DAMPER	CI.25/20	
	22	3224868	VIBRATION DAMPER	M6x13 ARTEFLEX CI.25/20	
	23	3224876	HANDLE	M6x18 ARTEFLEX	
	24	3224928	REDUCED NIPPLE 1/2"-3/8"	1/2"-3/8"	
	25	3224593	RELIEF VALVE	1/4"M. TIPO A 5 TAR.4 BAR	
	26	3223609	REDUCER	ISO 228 M. 1/2" F. 1/4"	
	27	3224350	COUPLING	F.F.F 1/2"	
	28	3223613	HOSE CLAMP	M.1/2" D.13	
	29	3224362	NIPPLES TAPER-TAPER	1/2"	
	30	3224580	HOSE CLAMP 90°		
	31	3226531	FLANGE ENGINE		
	32	3226532	FAN		
	33	3226533	COVER FAN		
	34	3226375	ELECTRICAL BOX+COVER		
O	35	3226183	CAPACITOR	MF 25 450 VAC 50 HZ	
ais o	36	3228162	COMPRESSOR HOUSING+MOTOR	220V/60HZ	
	37	3224608	HOSE	L.170 MM	
×O ·	38	3224608	HOSE	L.1000 MM	
	39	3223615	QUICK CONNECTOR		
GO to Discol	40	3223697	EXCENTRIQUE QUICK COUPLING		
	41	3225845	ALIMENTATION CABLE		
	42	3225843	PRESSURE SWITCH	4 VIE 1/4" 8A	
	43	3223618	CAP	M.F A SEDE CCONICA 1/2"	
	44	3226173	CAP		
	45	3223630	PRESSURE SWITCH	1/4" CIL.1-5 BAR	
	46	3227964	DISTRIBUTION "T" 1/2"	M 1/2" L.70 MM OTTONE	
	47	3223958	THREADED BRANCH		
	48	3224360	RELIEF VALVE	1/2" F.F.	
	49	3224362	REDUCED	1/2" T 1/2" F.F.F.	
	50	3224350	COUPLING	M 1/2" L.130 MM OTTONE	
	51	3223611	THREADED BRANCH NICKEL-PLATED FLANGED	NICHELATA 1/2""	
	52	3223730	RING NUTA	M. 1/2" F.1/4" OTTONE	
	53	3223609	REDUCER	GIREV.INN.RAPID. 1/4"	
	54	3223884	COUPLING	CONICO PER TUBO 6/4	



INVERTER - 3229673

DA MATRICOLA: 3007655 FROM SERIAL NUMBER: 3007655 À PARTIR DU NUMÉRO DE SÉRIE: 3007655 DEL NÙMERO DE SERIE: 3007655 VON SERIENNUMMER: 3007655





RIF Cod. DESCRIPTION Note
2 3228842 COMPRESOR
3 3223422 RUBBER WHEEL D.200
4 3223366 SEAL
1 322378 SEAL PLUG STATOR S
107084 STATOR ECOSTAR CB KONE 15
1107084 STATOR
1107032
1107032 KONE 35 AERO 8 2224640 WASHER 6592 9 3223388 MANFOLD 10 3223719 CLAMP PNG COVES 11 3223720 TIE-ROD 12 3223399 GUARD 13 3223703 M.M. CAM COUPLING 14 3227962 GUARD 15 3229873 ELECTRICAL PANEL 16 3223370 MKING CHAMBER 18 1107542 MIKER 18 1107542 MIKER 3006583 19 3228425 FLANGED HOSE 20 3223352 TERMINAL 3006583 21 3228424 GUARD 22 3223716 HANDLE 23 3223716 HANDLE 23 3223374 CHAMBER PIN 3006766 25 3229284 COVER 3006766 25 3229284 COVER 29 3224139 WATER CIRCUIT 29 3224139 THE GUARD 30 3223376 CENTRAL EYEBOLT 31 3223377 WHEEL SUPPORT 32 323374 CHAMBER PIN 3006766 32 323394 CELL WHEEL 29 3224139 RIGUARD 30 3223376 CENTRAL EYEBOLT 31 3223377 WHEEL SUPPORT 32 323374 CAMPARD 30 3223376 CENTRAL EYEBOLT 31 3223377 WHEEL SUPPORT 32 323394 CELL WHEEL 32 323394 CELL WHEEL 32 323394 CELL WHEEL 32 323394 SCRAPER 40 323386 GEARMOTOR 31 3223377 WHEEL SUPPORT 32 323347 VERTICAL SECTION 38 3223471 BRAKE WHEEL D.200 37 3223394 SCRAPER 40 323386 GEARMOTOR 41 3207209 FEMALE EYEBOLT M8 Z 42 3223397 CELL WHEEL 43 3223397 CELL WHEEL 44 3223397 CELL WHEEL 45 3223397 CELL WHEEL 46 3223396 SCREW 8X50 TTCQ 47 3223397 SCREW 8X50 TTCQ 48 3223391 SCREW 8X50 TTCQ 49 3223724 GRILL 40 SCREW SK20 TTCQ 41 3223391 SCREW SK20 TTCQ 42 3223391 SCREW SK20 TTCQ 43 3223702 FLANGED NUT M10 Z 54 3223702 FLANGED NUT M10 Z 55 2222044 SCREW TE 8.8573 56 2222084 SCREW TE 8.8573 57 1222050 SCREW TE 8.8573 58 SCREW TE 8.8573 57 1222050 SCREW TE 8.8573 58 SCREW TE 8.8573 57 1222050 SCREW TE 8.8573 58 SCREW TE 8.8573 57
8
10 3223719 CLAMPING CONES 11 3223720 TIE-ROD 12 3223389 GUARD 13 3223703 M-M CAM COUPLING 14 3227862 GUARD 15 3229673 ELECTRICAL PANEL 16 3223370 M-M KING CHAMBER 18 1107542 MIKER 18 1107542 MIKER 20 3223352 TERMINAL 20 3223352 TERMINAL 21 3223424 GUARD 22 3223716 HANDLE 23 3223374 CHAMBER PIN 3006583 21 3228688 MIKER GEARMOTOR 3006766 25 3229264 COVER 3006766 27 3229325 LOC KING HANDLE 28 3223394 COVER 3006766 27 3229325 LOC KING HANDLE 29 3224139 RH GUARD 30 3223376 CELL WHEEL 29 3224139 RH GUARD 30 3223377 WHEEL SUPPORT 3006766 32 3230205 KONES MESH 31 3223377 WHEEL SUPPORT 323334 CELL WHEEL 37 3223347 VERTICAL SECTION 38 3223347 VERTICAL SECTION 39 3223349 SCRAPER 40 3233856 CELL WHEEL 41 3207209 FEMALE SYBOLT 41 3207209 FEMALE SYBOLT 42 3223397 VERTICAL SECTION 39 3223379 SCRAPER 40 3233856 CELL WHEEL 41 3207209 FEMALE SYBOLT 42 3223397 SCRAPER 44 3223391 SCRAPER 45 3223397 SCREW 46 3223396 SCREW MES SURE 47 3223397 SCREW SCREW 48 3223397 SCREW SCREW 49 3223397 SCREW SCREW 40 323391 SCRAPER 41 3207209 FEMALE SYBOLT 42 3223397 SCREW SCREW 44 3223391 SCRAPER 45 3223392 SCREW SCREW 46 3223396 SCREW SCREW SCREW 47 3223397 SCREW SCREW SCREW 48 SCREW SCREW SCREW 49 3223704 SCREW SCREW SCREW 50 2222060 SCREW SCREW SCREW 51 222156 SCREW SCREW SCREW SCREW 52 2223920 SELFLOCKING NUT MIO Z 53 3224142 SCREW
11 3223720 TIE-ROD 12 3223389 GUARD 13 3223389 GUARD 14 3227982 GUARD 15 3229673 ELECTRICAL PANEL 16 3223370 MKING CHAMBER 18 1107542 MKER 3208425 FLANGED HOSE 3228425 FLANGED HOSE 3228425 FLANGED HOSE 3223352 TERMINAL 3223374 GUARD 3228424 GUARD 3223374 GHAMBER 3223374 GHAMBER 3006583 21 3229264 GUARD 3223374 GHAMBER PIN 3006583 24 3229868 MKER GEARMOTOR 3006766 25 3229264 GOVER 3229325 LOC KING HANDLE 229 3224139 GELL WHEEL 229 3224139 GELL WHEEL 229 3224139 GELL WHEEL 229 3224139 GELL WHEEL
12 3223389 GUARD
14 3227962 GUARD
15 3229673 ELECTRICAL PANEL
16 3223370 MIXING CHAMBER 18 1107542 MIXER 20 3228425 FLANGED HOSE 20 3228352 TERMINAL 22 3223716 HANDLE 23 3223374 CHAMBER PIN 3006583 24 3229688 MIXER GEARMOTOR 3006766 25 322964 COVER 26 3229325 COVER 26 3229325 COVER 27 3229325 LOC KING HANDLE 28 3223394 CELL WHEEL 29 3224139 RH GUARD 3006766 27 3229325 LOC KING HANDLE 28 3223376 CENTRAL EYEBOLT 31 3223377 WHEEL SUPPORT 3006766 32 3230205 KOINE 5 MESH (KOINE 35) EOB/SM 04-1 KOINES AEROB 32 3230205 KOINE 5 MESH 3223377 SAFETY HANDLE 36 3223421 BRAKE WHEEL D.200 37 3223347 VERTICAL SECTION 38 3223347 VERTICAL SECTION 39 3223347 VERTICAL SECTION 31 3223347 VERTICAL SECTION 32233856 CELL WHEEL D.200 41 3207209 FEMALE EYEBOLT M8 Z 42 3223397 CELL WHEEL YRE 43 3223689 MANIFOLD PRESSURE GEARMOTOR 44 3223391 SPACER M8 FZ 45 3223392 ANTI-FREEZE M8 Z
18
3005583
20 3223352 TERMINAL GUARD
22 3223716
23 3223374 CHAMBER PIN
3006583
3006766
3006766 27 3229325
28 3223394 CELL WHEEL 29 3224139 RH GUARD 30 3223376 CENTRAL EYEBOLT 31 3223377 WHEEL SUPPORT 3006766 32 3230205 KONE 5 MESH 33 1107085 CAM SCREW (KONE 35) E09/5M D4-1 (KONE 35) AEROB 36 3223421 BRAKE WHEEL D.200 37 3223354 PIPE WRENCH 38 3223347 VERTICAL SECTION 39 3223349 SCRAPER 40 3233856 CELL WHEEL GEARMOTOR 41 3207209 FEMALE EYEBOLT M8 Z 42 3223397 CELL WHEEL TYRE 43 3223689 MANIFOLD PRESSURE GAUGE GAUGE M8 F Z ATTIFREEZE M8 Z M8 MBRANE M8 MBRANE M8 MBRANE M8 Z M8 Z M8 MBRANE M8 Z M8 Z
29 3224139 RH GUARD 30 3223376 CENTRAL EYEBOLT 31 3223377 WHEEL SUPPORT 33006766 32 3230205 KOINE 5 MESH 33
30 3223376 CENTRALEYEBOLT 31 3223377 WHEEL SUPPORT 3006766 32 3230205 KOINE 5 MESH 33
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35 3223717 SAFETY HANDLE 36 3223421 BRAKE WHEEL D.200 37 3223354 PIPE WRENCH 38 3223347 VERTICAL SECTION 39 3223349 SCRAPER 40 3233856 GELL WHEEL GEARMOTOR 41 3207209 FEMALE EYEBOLT M8 Z 42 3223397 CELL WHEEL TYPE 43 3223689 MANIFOLD PRESSURE GAUGE MANIFOLD PRESSURE GAUGE MEMBRANE
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43 3223689 GAUGE
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57 1222050 SCREW T.E 8.8 573
8X50 Z
38 1222047 SCREW 8X70
59 2223570 NUT M16 Z 60 3224148 REAR APRON
61 3224149 FRONT APRON 62 3224150 REAR APRON SHEET
62 3224150 REAR APRON SHEET
64 3223609 REDUCTION M.1/2" F. 1/4 65 3224173 REDUCTION M.1" 1/2 F. 1/4





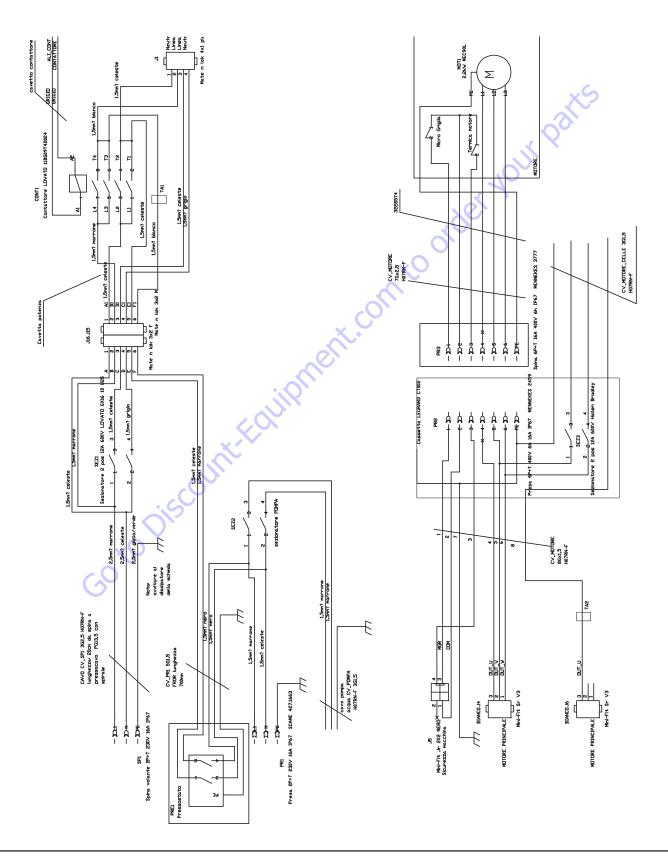
	TAV.5 ACCESSORIES						
Rif.	Cod.	GB	Note				
1	1107540	SRPAY JET					
2	1107525	15m MATERIAL CARRIER HOSE D25 WITH CAM COUPLINGS					
3	3224546	WATER HOSE	D.19X30				
4	1107532	16m AIR HOSE D13 WITH GEKA CONNECTORS					
5	1107552	№10 DUSE D12					
6	1107519	N°10 WASHING SPONGED30					
7	3223694	NOZZLE CLEANER D4.5					
8	3225934	KAMLOCK COUPLNG FOR CLAMPING DN 27F	3				
9	3225933	KAMLOCK COUPLNG FOR CLAMPING DN 27M	3, 40				
10	3224498	LEVER	DN 25-35-50				
11	3224830	SEAL CAM COUPLING DN 25	0,				
12	3225943	HOSE CLAMP 28-35	28-35				
13	1107565	KIT REDUCER	DN35 FDN25 M				
14	3223704	CAM-LOCK COUPLING 1 1/4" - DN35 F.	1 1/4" - DN35 F.				
15	3223390	CAM-LOCK COUPLING 1 1/4" - DN27 M.	1 1/4" - DN27 M.				
16	3223721	CAM-LOCK COUPLING 1" - DN27 F.	1" - DN27 F.				
17	3223722	QUICK COUPLING 1" M.					
18	3223697	QUICK COUPLING GASKET					

Fig.6 Tav.6

TAV.6 SRPAY JET						
Rif.	Cod.	GB	Note			
1	1107540	SRPAY JET				
2	3225598	COMPLETE AIR HOSE FOR SPRAYER				
3	3224818	QUICK COUPLING	D.10			
4	3224823	CLAMP	D.15-18			
5	2292365	HOSE	D.10X16			
6	3227955	HOSE CLAMP	1/4" x D.10			
7	3227953	BALL VALVE	1/4" F.F.			
8	3227954	REDUCER	1/4"-1/8"			
9	3223350	AIR HOSE	L.135			
10	3224701	CAM-LOCK COUPLING	DN25 F1" G.F.			
11	3224498	LEVER	DN 25-35-50			
12	3223348	HOSE IN PLASTIC FOR SPRAY JET				
13	3223345	SPRAYER HEAD				
14	3209356	SCREW	M.10			
15	1107553	KIT N°10 DUSE D.14	D.14			
16	3224830	SEAL CAM COUPLING DN 25	DN.25			
17	3223697	QUICK COUPLING GASKET				

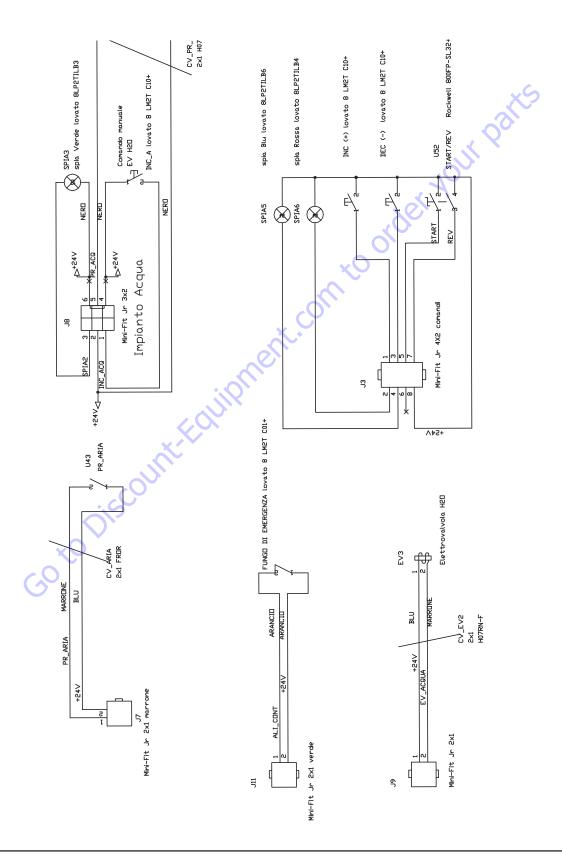


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