

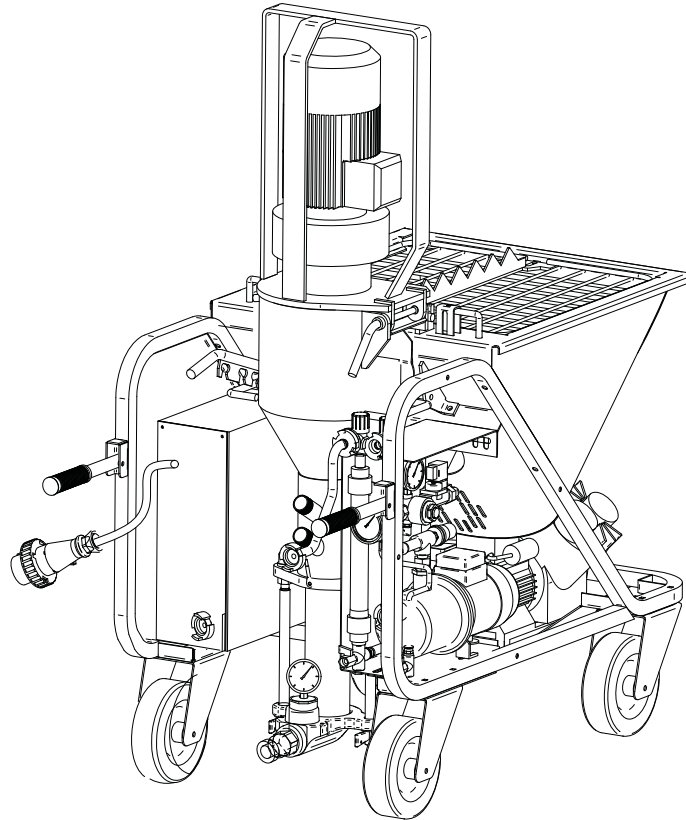


IMER *U.S.A. inc.*

KOINE 35

PLASTERING MACHINE

(1106048)



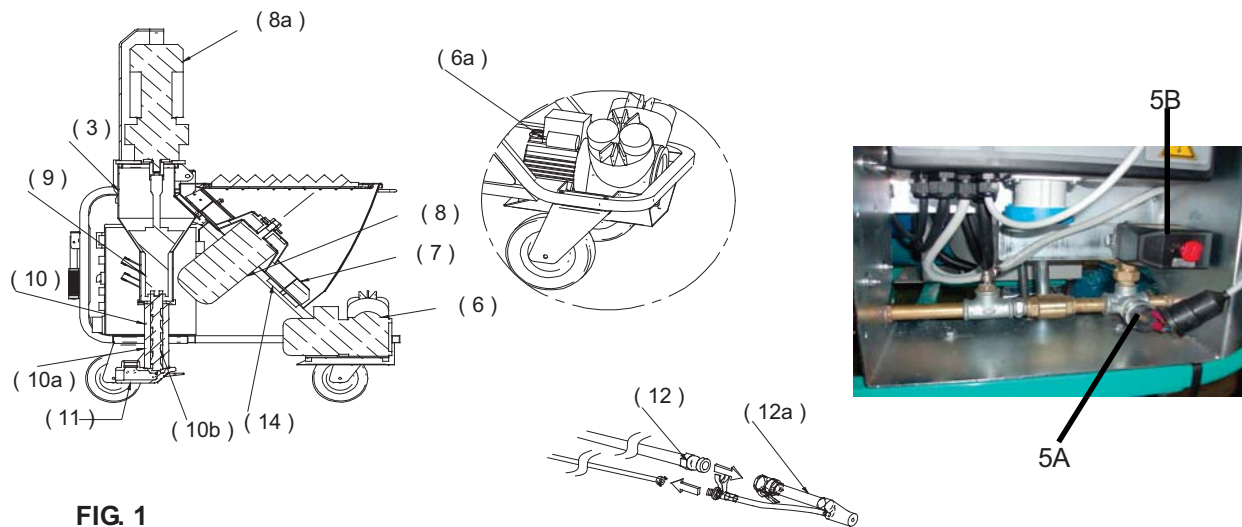
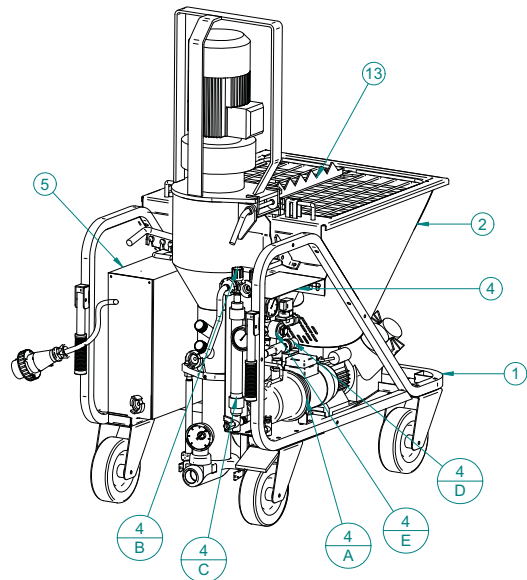


FIG. 1

- (1) WHEELED FRAME
- (2) HOPPER
- (3) MIXING CHAMBER
- (4) WATER CIRCUIT
- (4a) WATER PUMP
- (4b) MICROMETRIC VALVE
- (4c) FLOW METER
- (4d) WATER PRESSURE SWITCH
- (4e) PRESSURE REDUCER
- (5) ELECTRICAL PANEL
- (5a) COMPRESSOR PRESSURE SWITCH
- (5b) MACHINE PRESSURE SWITCH
- (6) DIAPHRAGM COMPRESSOR
- (6a) RELIEF VALVE COMPRESSOR
- (7) CELL WHEEL
- (8) CELL WHEEL GEARMOTOR
- (8a) MORTAR PUMP GEARMOTOR
- (9) MIXER
- (10) MORTAR PUMP
- (10a) STATOR
- (10b) CAM SCREW
- (11) MANIFOLD
- (12) MATERIAL DELIVERY HOSE
- (12a) SPRAY JET
- (13) GRILLE WITH SACK SPLITTER
- (14) HOPPER WATER OUTLET PLUG



Special attention must be given to warnings with this symbol:





TECHNICAL DATA	KOINE 35	
Machine code	1106048	
MAIN POWER SUPPLY	V Hz	220 60
CONTROLS POWER SUPPLY	V	24
ELECTRICAL CONNECTION CONNECTOR (Monophase) FUSES CABLE (UP TO 40M)	V A mmq	220 32 3x2.5
GENERATOR SET (MINIMUM)	kVA	12
WATER CONNECTION		3/4"
GEARMOTOR MIXER	kW A r.p.m.	2.2 9.9 320
CELL WHEEL GEARMOTOR	kW A r.p.m.	0.37 2 MAX16
WATER PUMP	kW A	0.45 3.3
COMPRESSOR IM 250	kW A NI/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
MAXIMUM PUMPING DISTANCE (*) HOSE DIAM. 25 MM HOSE DIAM.35 MM	m m	15 30
DIMENSIONS X Y Z	mm mm mm	1560 730 1190
LOADING HEIGHT	mm	900
HOPPER CAPACITY	l	110
WEIGHT PUMP GEARMOTOR MIXING CHAMBER MACHINE BODY COMPRESSOR TOTAL	kg	41 28.5 162.5 23 255
NOISE EMISSION LEVEL L _{PA} A 1m - L _{WA} - EN ISO 3744 (2000/14/EC)	dB(A)	<76 90
DESIGN STANDARDS	EN 12100 EN 60204-1 EN 12001	

SPARE PARTS

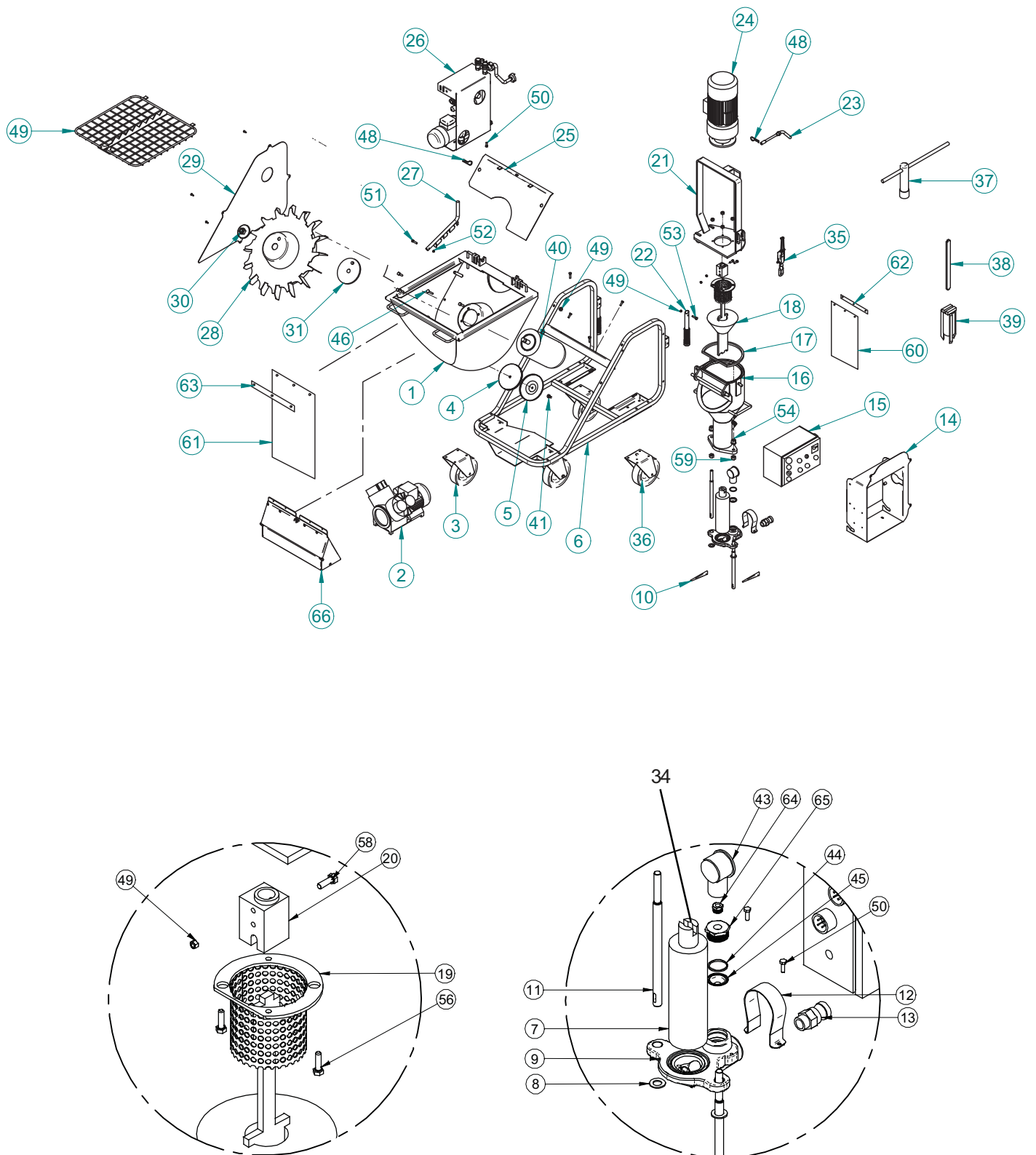


Fig.1 Tav.1



TAV. 1 MACHINE STRUCTURE				
DA MATRICOLA A PARTIR DU NUMERO DE SERIE FROM SERIAL NUMBER VON SERIENNUMMER DEL NUMERO DE SERIE	Rif.	Cod.	DESCRIPTION	Note
9491208	1	3223726	KOINE 4HOPPER	
	2	3229746	COMPRESSOR	
	3	3223422	RUBBER WHEEL	D.200
	4	3223366	DUST OUTLET DOOR SEAL	
	5	3223378	PLUG	
	6	3223412	FRAME	
	7	1107084	STATOR	ECO STAR CB/63 KOINE 35
		1107032		EOB/SM D4-1/2 KOINE 35 AEROBLUE
	8	2224640	WASHER 6592	
	9	3223388	MANIFOLD	
	10	3223719	CLAMPING CONES	
	11	3223720	TIE-ROD	
	12	3223389	GUARD	
	13	3223703	M-M CAM COUPLING	
	14	3227962	GUARD	
	15	3229673	ELECTRICAL PANEL	
	16	3223370	MIXING CHAMBER	
	17	3223995	SEAL	
	18	1107542	MIXER	
3006583	19	3228425	FLANGED HOSE	
	20	3223352	TERMINAL	
3006583	21	3228424	GUARD	
	22	3223716	HANDLE	
	23	3223374	CHAMBER PIN	
3006583	24	3229688	MIXER GEARMOTOR	
3006766	25	3229264	COVER	
	26	3228031	WATER CIRCUIT	
3006766	27	3229325	LOC KING HANDLE	
	28	3223394	CELL WHEEL	
	29	3224139	RH GUARD	
	30	3223376	CENTRAL EYEBOLT	
	31	3223377	WHEEL SUPPORT	
	33			
	34	1107085	CAM SCREW	ECO STAR (KOINE 35)
		1107033		EOB/SM D4-1/2 (KOINE35 AEROBLUE)
	35	3223717	SAFETY HANDLE	
	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	
	44	3223391	SPACER	M8 F Z
	45	3223392	ANTI-FREEZE MEMBRANE	M8 Z
	46	3223986	SCREW	8X50 TTCQ Z
	47	3223987	SCREW	8X20 TTCQ Z
	48	2226700	SPLIT PIN	D.3.5 Z
9491208	49	3223724	GRILL	
	50	2222060	SCREW	T.E 8.8 5739 8X20 Z
	51	2222156	SCREW	T.E 8.8 5737 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
	58	1222047	SCREW	T.E 8.8 5739 8X70
	59	2223570	NUT	M16 Z
	60	3224148	REAR APRON	
	61	3224149	FRONT APRON	
	62	3224150	REAR APRON SHEET	
	63	3224151	FRONT APRON SHEET	
	64	3223609	REDUCTION	M.1/2" F. 1/4"
	65	3224173	REDUCTION	M.1" 1/2 F. 1/2"
	66	3234104	TOOLBOX KIT	

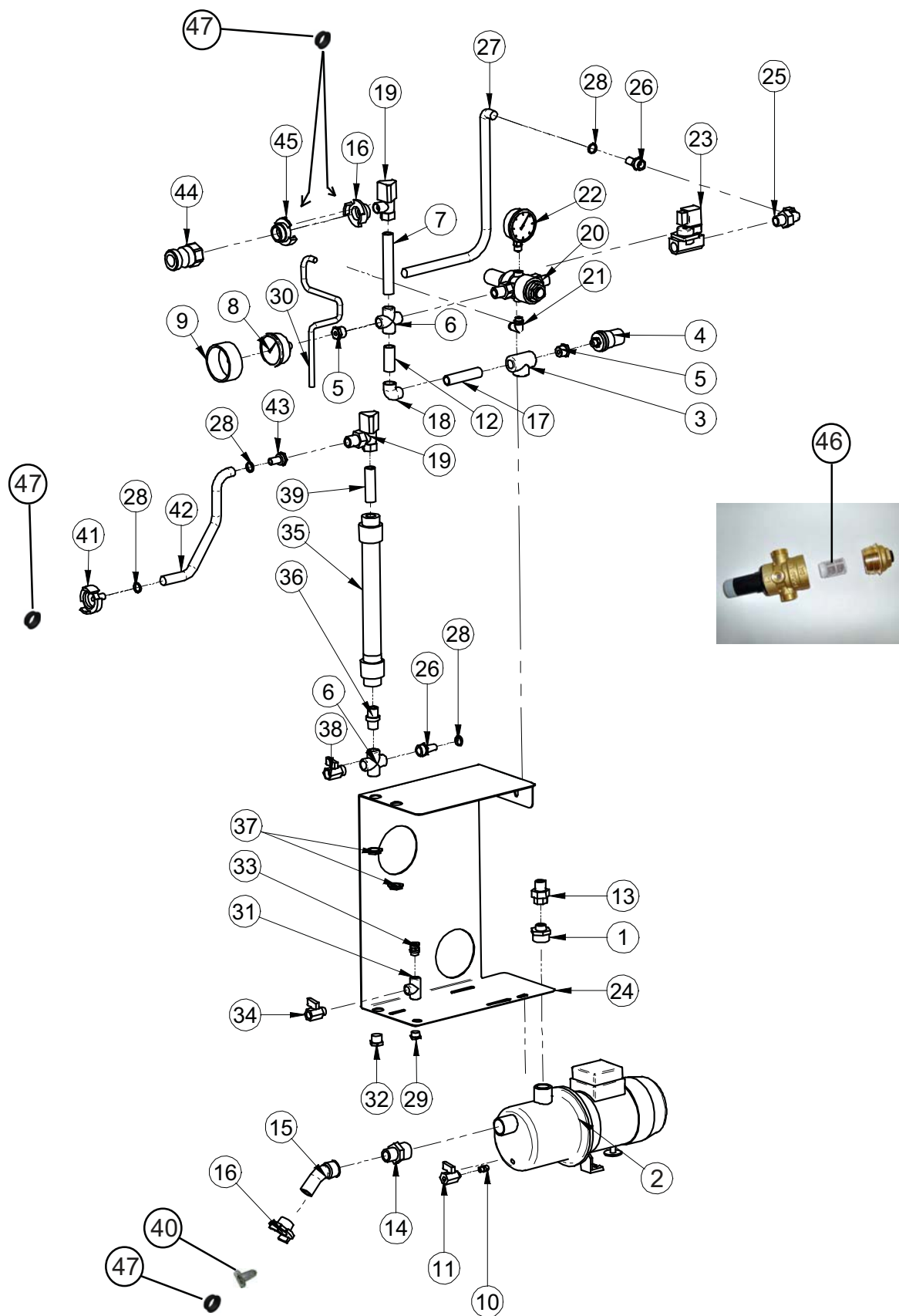


Fig.2 Tav.2

TAV. 2 - 3234428 WATER SYSTEM			
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" OTTONE
4	3223630	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.F. 1/2"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	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	INLET	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	3223957	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
20	3223629	PRESSURE REDUCER	DO6F-1/2" ZPI
21	3223624	AIR CONNECTOR	90° GIREV.1/4"CIL. CON OR
22	3223626	PRESSURE GAUGE	4 BAR 1/4" CONICO D.63 ATT.RADIALE
23	3228388	SOLENOID VALVE	L182-B ZB10A 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 TROGLAMIO
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	
47	3223697	SEAL QUIK COUPLING	

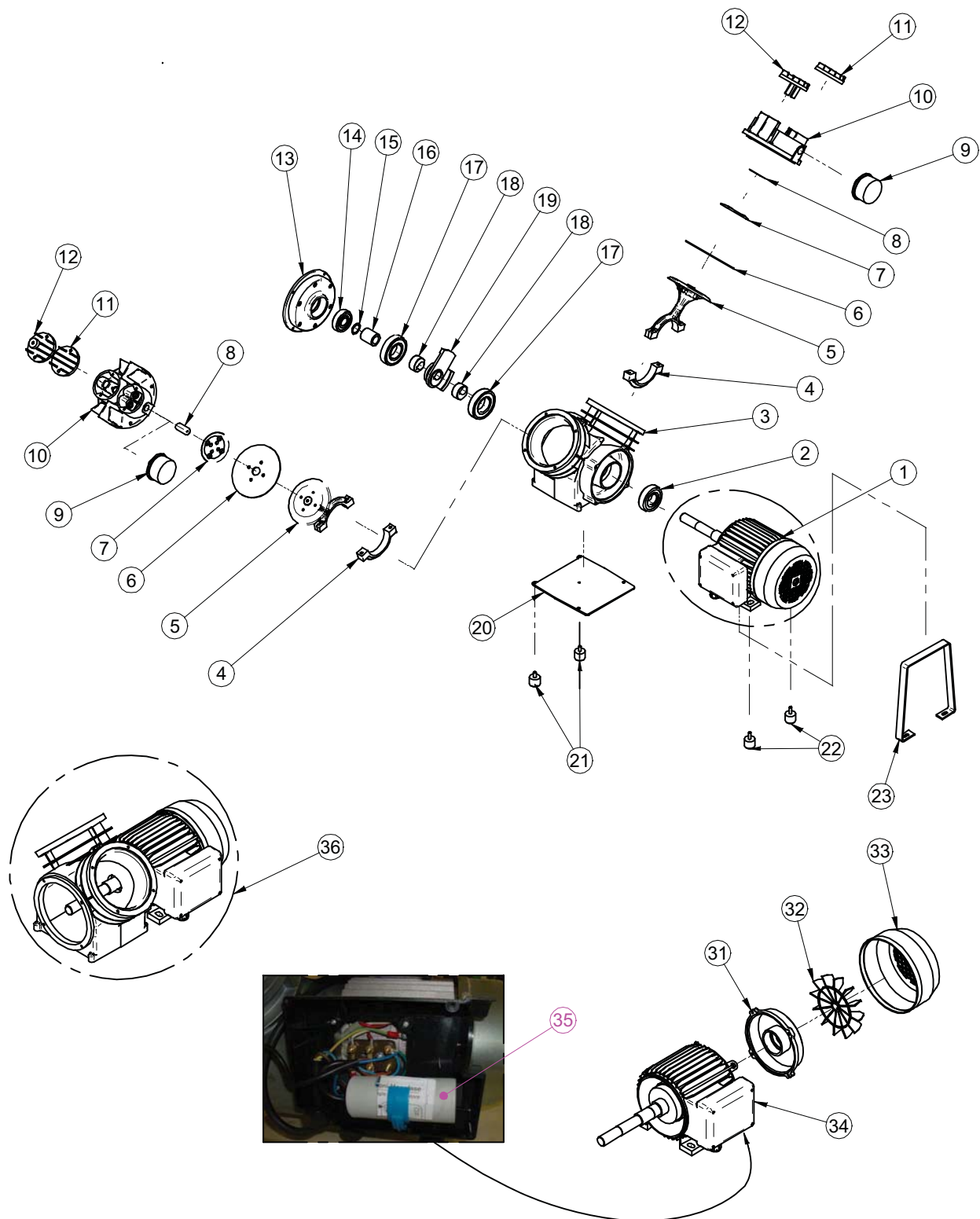


Fig.3 Tav.3

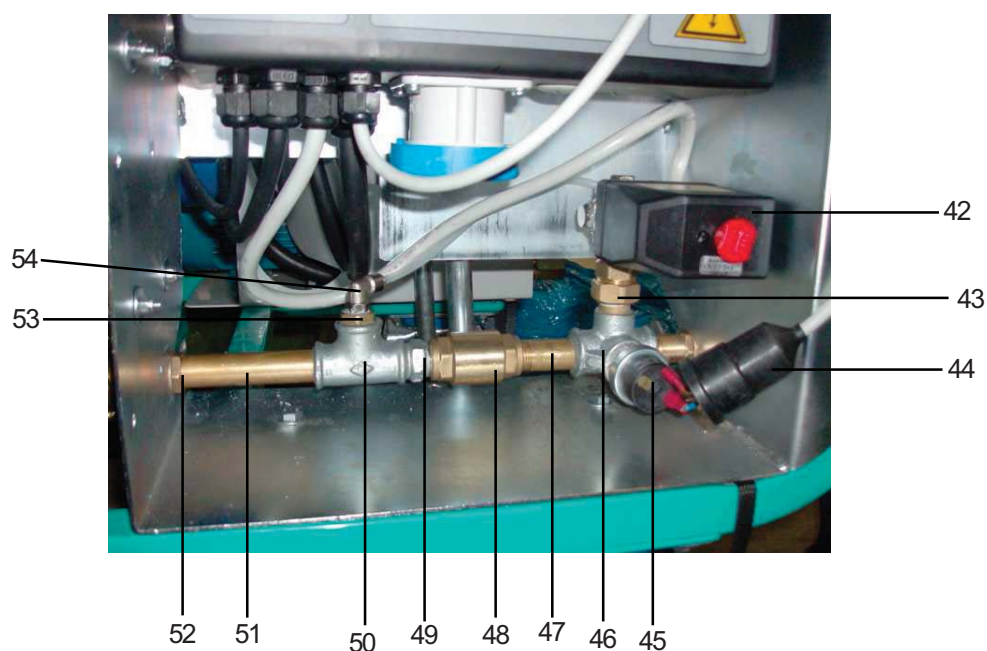
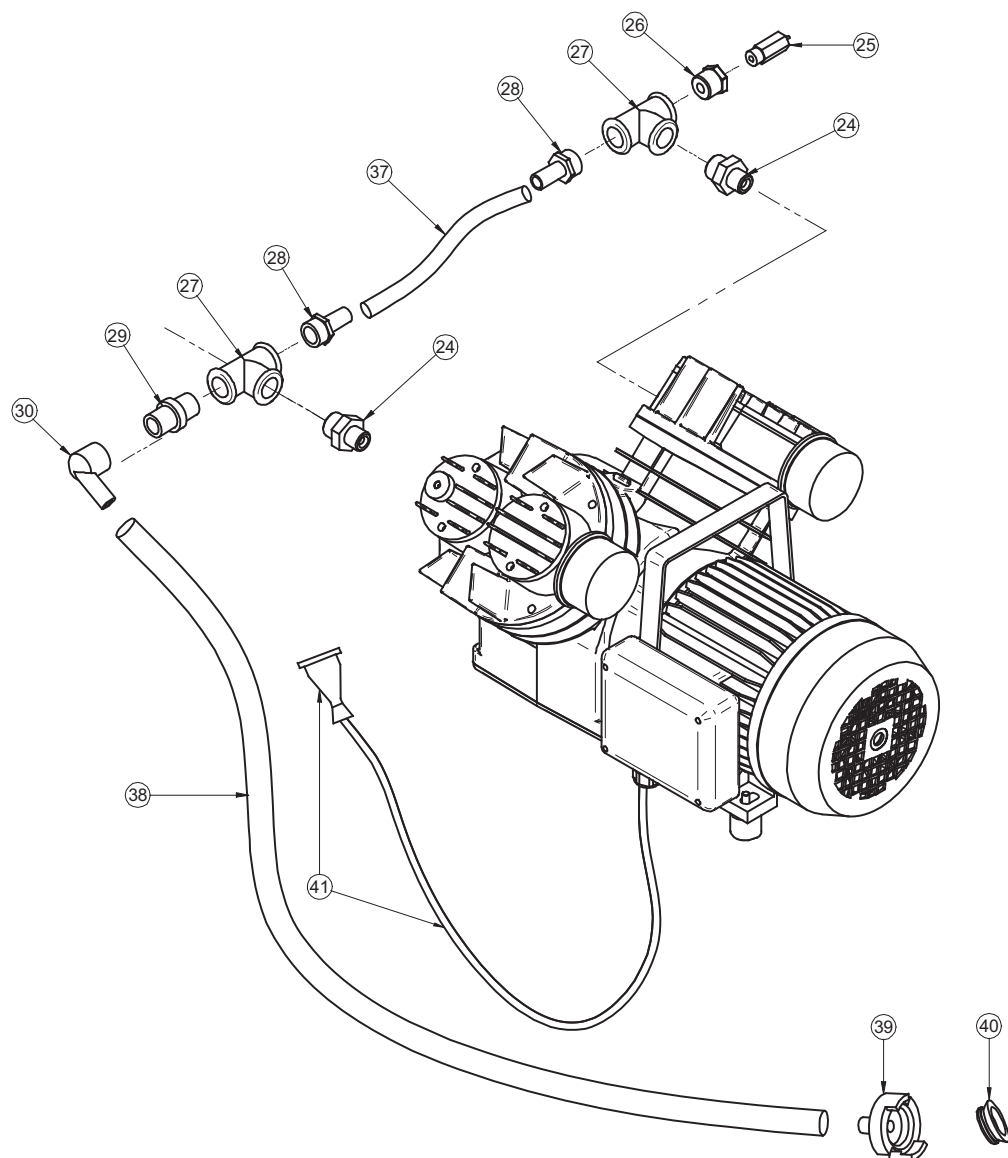


Fig.3.1 Tav.3



TAV. 3 - 3229746 COMPRESSOR IM250 230V - 60HZ 0.75Kw			
Rif.	Cod.	DESCRIPTION	Note
1		STATOR	230V
2	3224763	BEARING	6305 2RS1FAG-SKF
3	3224538	HOUSING	
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	
14	2204531	BEARING	6304 2RS
15	3227154	ADJUSTING RING	LMKAS 28A (27.8X0.5 H=1.7)
16	3224332	SPACER	
17	3224860	BEARING	6207 2RS1
18	3226967	ECCENTRIC BUSH	
19	3226966	CAM FLY PRESS	
20	3224537	COMPRESSOR PLATE	
21	3227825	VIBRATION DAMPER	Cl.25/20 M6x13 ARTEFLEX
22	3224868	VIBRATION DAMPER	Cl.25/20 M6x18 ARTEFLEX
23	3224876	HANDLE	
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 ISO 228
26	3223609	REDUCER	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	
35	3226183	CAPACITOR	MF 25 450 VAC 50 HZ
36	3228162	COMPRESSOR HOUSING+MOTOR	220V/60HZ
37	3224608	HOSE	L.170 MM
38	3224608	HOSE	L.1000 MM
39	3223615	QUICK CONNECTOR	
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"	
47	3223958	THREADED BRANCH	M 1/2" L.70 MM OTTONE
48	3224360	RELIEF VALVE	1/2" F.F.
49	3224362	REDUCED	1/2"
50	3224350	COUPLING	T 1/2" F.F.F.
51	3223611	THREADED BRANCH	M 1/2" L.130 MM OTTONE
52	3223730	NICKEL-PLATED FLANGED RING NUTA	NICHELATA 1/2"
53	3223609	REDUCER	M. 1/2" F.1/4" OTTONE
54	3223884	COUPLING	GIREV.INN.RAPID. 1/4" CONICO PER TUBO 6/4

INVERTER - 3229673

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

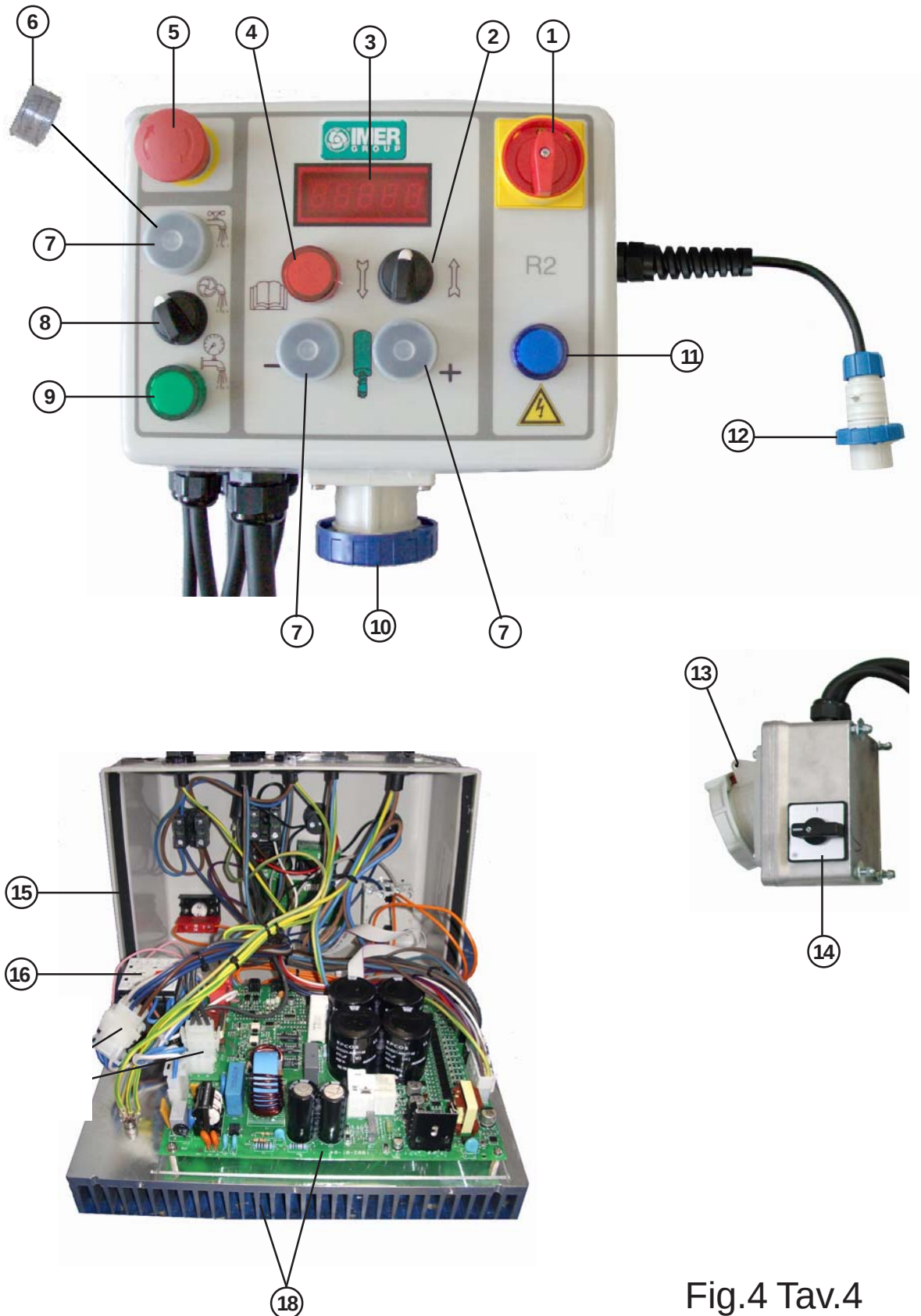


Fig.4 Tav.4



TAV. 1 MACHINE STRUCTURE				
DA MATRICOLA A PARTIR DU NUMÉRO DE SÉRIE FROM SERIAL NUMBER VON SERIENNUMMER DEL NUMERO DE SERIE	R if.	Cod.	DESCRIPTION	Note
	1	3223726	KOINE5 HOPPER	
	2	3225842	COMPRESSOR	
	3	3223422	RUBBER WHEEL	D.200
	4	3223366	DUST OUTLET DOOR SEAL	
	5	3223378	PLUG	
	6	3223412	FRAME	
	7	1107084	STATOR	ECO STAR CB/63 KOINE 35
		1107032		EOB/SM D4-1/2 KOINE 35 AEROBLUE
	8	2224640	WASHER 6592	
	9	3223388	MANIFOLD	
	10	3223719	CLAMPING CONES	
	11	3223720	TIE-ROD	
	12	3223389	GUARD	
	13	3223703	M-M CAM COUPLING	
	14	3227962	GUARD	
	15	3229673	ELECTRICAL PANEL	
	16	3223370	MIXING CHAMBER	
	18	1107542	MIXER	
3006583	19	3228425	FLANGED HOSE	
	20	3223352	TERMINAL	
3006583	21	3228424	GUARD	
	22	3223716	HANDLE	
	23	3223374	CHAMBER PIN	
3006583	24	3229688	MIXER GEARMOTOR	
3006766	25	3229264	COVER	
	26	3228031	WATER CIRCUIT	
3006766	27	3229325	LOC KING HANDLE	
	28	3223394	CELL WHEEL	
	29	3224139	RH GUARD	
	30	3223376	CENTRAL EYEBOLT	
	31	3223377	WHEEL SUPPORT	
3006766	32	3230205	KOINE 5 MESH	
	33			
	34	1107085	CAM SCREW	ECO STAR (KOINE 35)
		1107033		EOB/SM D4-1/2 (KOINE35 AEROBLUE)
	35	3223717	SAFETY HANDLE	
	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	
	44	3223391	SPACER	M8 F Z
	45	3223392	ANTI-FREEZE MEMBRANE	M8 Z
	46	3223986	SCREW	8X50 TTCQ Z
	47	3223987	SCREW	8X20 TTCQ Z
	48	2226700	SPLIT PIN	D.3.5 Z
	49	3223724	GRILL	
	50	2222060	SCREW	T.E 8.8 5739 8X20 Z
	51	2222156	SCREW	T.E 8.8 5737 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
	58	1222047	SCREW	T.E 8.8 5739 8X70
	59	2223570	NUT	M16 Z
	60	3224148	REAR APRON	
	61	3224149	FRONT APRON	
	62	3224150	REAR APRON SHEET	
	63	3224151	FRONT APRON SHEET	
	64	3223609	REDUCTION	M.1/2" F. 1/4"
	65	3224173	REDUCTION	M.1" 1/2 F. 1/2"
	66	3234104	TOOLBOX KIT	

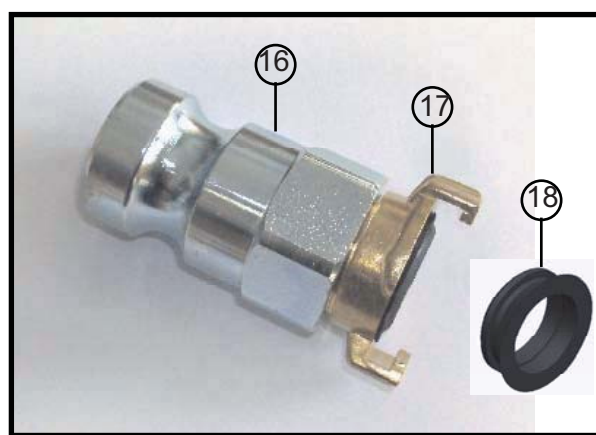
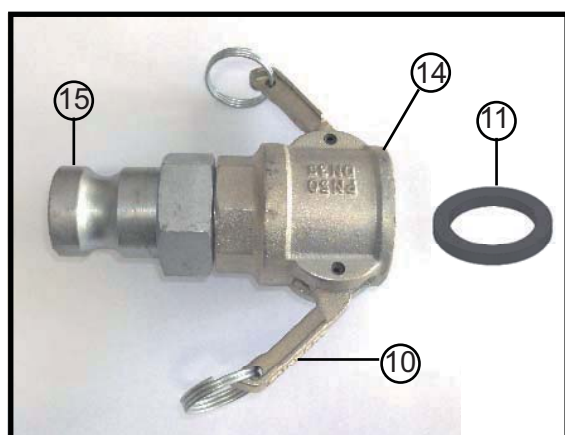
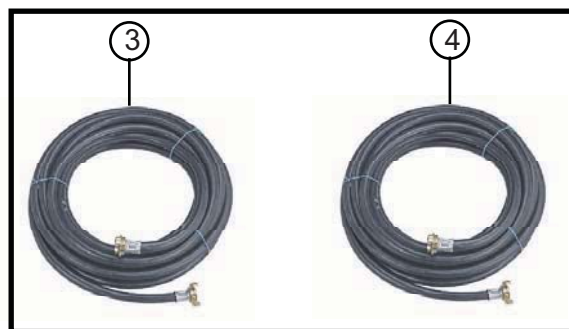
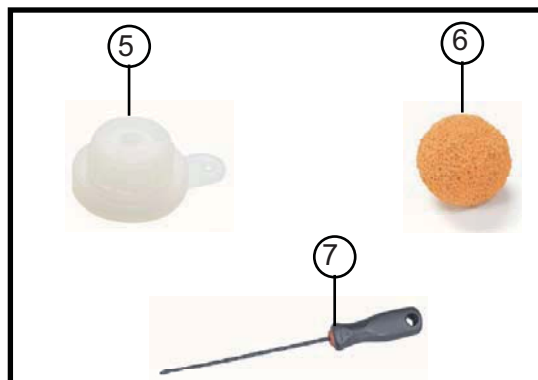
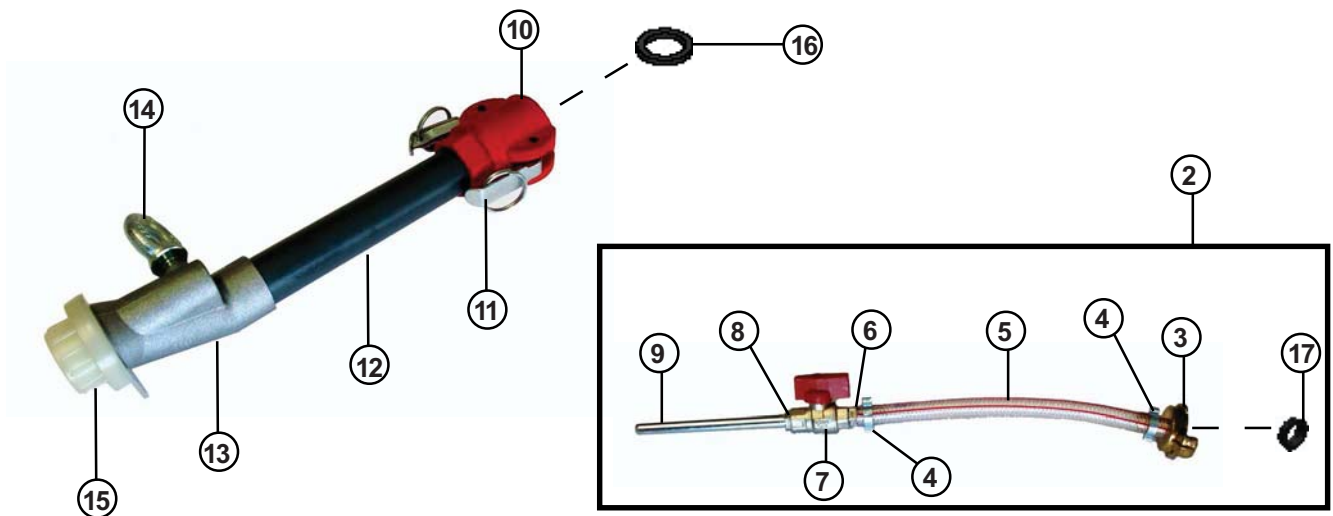


Fig.5 Tav.5

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	N°10 DUSE D12	
6	1107519	N°10 WASHING SPONGED30	
7	3223694	NOZZLE CLEANER D4.5	
8	3225934	KAMLOCK COUPLNG FOR CLAMPING DN 27F	
9	3225933	KAMLOCK COUPLNG FOR CLAMPING DN 27M	
10	3224498	LEVER	DN 25-35-50
11	3224830	SEAL CAM COUPLING DN 25	
12	3225943	HOSE CLAMP 28-35	28-35
13	1107565	KIT REDUCER	DN35 F.-DN25 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	

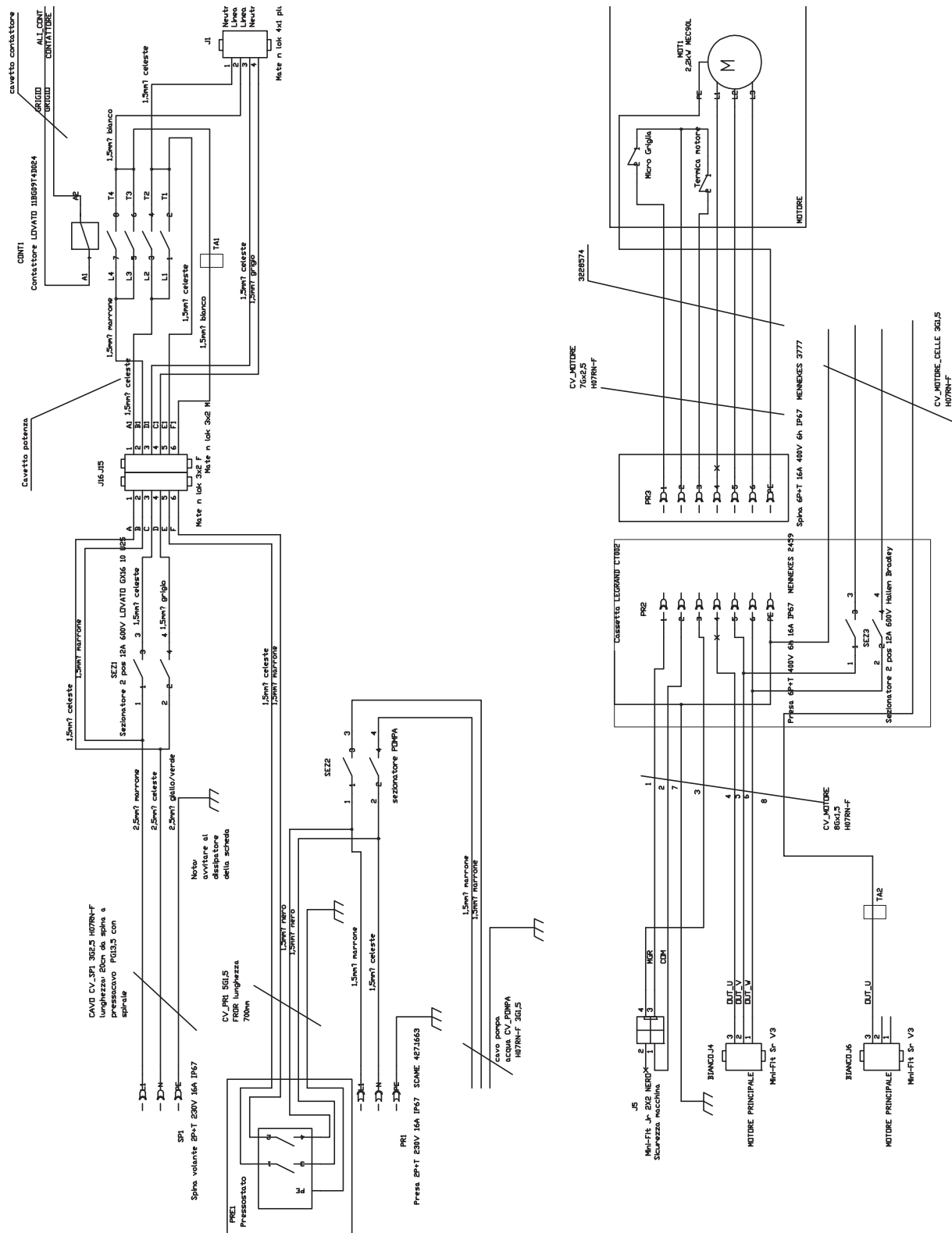
Fig.6 Tav.6



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 F. -1" 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	



POWER ELECTRIC DIAGRAM KOINE 35





COMAMNDS ELECTRIC DIAGRAM KOINE 35

