

DALI'

Electric diaphragm pump



**This manual is to be considered as an English language translation of the original manual in Italian.
The manufacturer shall bear no responsibility for any damages or inconveniences that may arise due to
the incorrect translation of the instructions contained within the original manual in Italian.**

**Due to a constant product improvement programme, the factory reserves the right to modify
technical details mentioned in this manual without prior notice.**



DALI'

Electric diaphragm pump

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**WE ADVISE THE USE OF THIS EQUIPMENT ONLY BY PROFESSIONAL OPERATORS.
ONLY USE THIS MACHINE FOR USAGE SPECIFICALLY MENTIONED IN THIS MANUAL.**

Thank you for choosing a **LARIUS S.R.L.** product.
As well as the product purchased, you will receive a range of support services
enabling you to achieve the results desired, quickly and professionally.

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B WORKING PRINCIPLE

The **LARIUS DALI'** unit is defined as an “electric diaphragm pump”. An electric diaphragm pump is used for high pressure paint spraying without air (*known as “airless”*).

The pump is powered by an electric (internal combustion) motor coupled with a cam shaft. The shaft acts on the hydraulic piston as it pumps oil from the hydraulic case and sends the suction diaphragm into fibrillation. When the diaphragm moves, it creates a vacuum. The product is sucked up, pushed towards the pump outlet and sent to the guns through the flexible hose . A

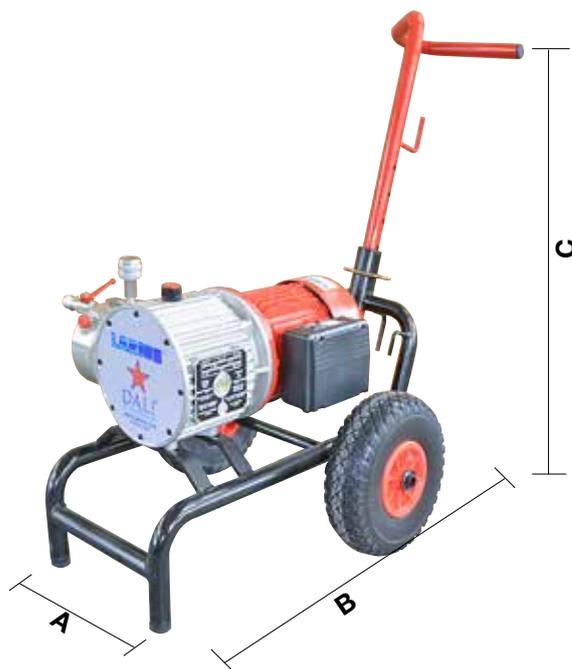
hydraulic valve on the hydraulic case head allows setting and checking the pressure of the paint product at the pump outlet. A second hydraulic safety valve to avoid over-pressure, ensures total equipment reliability.

C DATI TECNICI

	DALI'
Max. delivery	4 lt./m
Supply (single-phase, three-phase internal combustion supply, petrol-diesel)*	220V 50Hz/110V 60Hz/380V 50Hz
Motor power	mono-threephase 1,1 kW
	internal combustion 3 HP
Max. working pressure	200 bar 2900 psi
Material outlet	M16 x 1,5 (M)
Weight	38 kg
Level of the sound pressure	≤ 65dB (A)
Length (A)	1100 mm
Width (B)	500 mm
Height (C)	min. 710 mm
	max. 1000 mm

*N.B. Available on request with special voltages

PARTS OF THE PUMP IN CONTACT WITH THE MATERIAL: Stainless Steel AISI 420B, PTFE, Aluminium.





D DESCRIPTION OF THE EQUIPMENT



Fig. 1D

Pos.	Description
1	Carriage
2	Electric / combustion motor
3	Feed tube connection
4	Setting valve
5	Hydraulic oil filling cap
6	Hydraulic body
7	Colour body
8	Suction and recirculation tube
9	High pressure feed tube

Pos.	Description
10	LARIUS AT 250 gun
11	Fast clean
12	Tools box
13	Recirculation valve
14	Recirculation pipe connection
15	Product suction tube connection
16	Adjustable handle
17	Tank (for "vertical Dali" version)



E TRANSPORT AND UNPACKING

- The packed parts should be handled as indicated in the symbols and markings on the outside of the packing.
- Before installing the equipment, ensure that the area to be used is large enough for such purposes, is properly lit and has a clean, smooth floor surface.
- The user is responsible for the operations of unloading and handling and should use the maximum care so as not to damage the individual parts or injure anyone.

To perform the unloading operation, use only qualified and trained personnel (truck and crane operators, etc.) and also suitable hoisting equipment for the weight of the installation or its parts.

Follow carefully all the safety rules.

The personnel must be equipped with the necessary safety clothing.

- The manufacturer will not be responsible for the unloading operations and transport to the workplace of the machine.
- Check the packing is undamaged on receipt of the equipment. Unpack the machine and verify if there has been any damage due to transportation.

In case of damage, call immediately **LARIUS** and the Shipping Agent. All the notices about possible damage or anomalies must arrive timely within 8 days at least from the date of receipt of the plant through Registered Letter to the Shipping Agent and to **LARIUS**.

- The disposal of packaging materials is a customer's competence and must be performed in accordance with the regulations in force in the country where the plant is installed and used. It is nevertheless sound practice to recycle packaging materials in an environment-friendly manner as much as possible.

F CONDITIONS OF GUARANTEE

The conditions of guarantee do not apply in the following situations:

- improper washing and cleaning of components causing malfunction, wear or damage to the equipment or any of its parts;
- improper use of the equipment;
- use that does not conform with applicable national legislation;
- incorrect or faulty installation;
- modifications, interventions and maintenance that have not been authorised by the manufacturer;
- use of non-original spare parts or parts that do not correspond to the specific model;
- total or partial non-compliance with the instructions provided.



G SAFETY RULES

- THE EMPLOYER SHALL TRAIN ITS EMPLOYEES ABOUT ALL THOSE RISKS STEMMING FROM ACCIDENTS, ABOUT THE USE OF SAFETY DEVICES FOR THEIR OWN SAFETY AND ABOUT THE GENERAL RULES FOR ACCIDENT PREVENTION IN COMPLIANCE WITH INTERNATIONAL REGULATIONS AND WITH THE LAWS OF THE COUNTRY WHERE THE PLANT IS USED.
- THE BEHAVIOUR OF THE EMPLOYEES SHALL STRICTLY COMPLY WITH THE ACCIDENT PREVENTION AND ALSO ENVIRONMENTAL REGULATIONS IN FORCE IN THE COUNTRY WHERE THE PLANT IS INSTALLED AND USED.

Read carefully and entirely the following instructions before using the product. Please save these instructions in a safe place.

The unauthorised tampering/replacement of one or more parts composing the machine, the use of accessories, tools, expendable materials other than those recommended by the Manufacturer can be a danger of accident.

The Manufacturer will be relieved from tort and criminal liability.



- KEEP YOUR WORK PLACE CLEAN AND TIDY. DISORDER WHERE YOU ARE WORKING CREATES A POTENTIAL RISK OF ACCIDENTS.
- ALWAYS KEEP PROPER BALANCE AVOIDING UNUSUAL STANCE.
- BEFORE USING THE TOOL, ENSURE THERE ARE NOT DAMAGED PARTS AND THE MACHINE CAN WORK PROPERLY.
- ALWAYS FOLLOW THE INSTRUCTIONS ABOUT SAFETY AND THE REGULATIONS IN FORCE.
- KEEP THOSE WHO ARE NOT RESPONSIBLE FOR THE EQUIPMENT OUT OF THE WORK AREA.
- **NEVER** EXCEED THE MAXIMUM WORKING PRESSURE INDICATED.
- **NEVER** POINT THE SPRAY GUN AT YOURSELVES OR AT OTHER PEOPLE. THE CONTACT WITH THE CASTING CAN CAUSE SERIOUS INJURIES.
- IN CASE OF INJURIES CAUSED BY THE GUN CASTING, SEEK IMMEDIATE MEDICAL ADVICE SPECIFYING THE TYPE OF THE PRODUCT INJECTED. **NEVER** UNDERVALUE A WOUND CAUSED BY THE INJECTION OF A FLUID.
- ALWAYS DISCONNECT THE SUPPLY AND RELEASE THE PRESSURE IN THE CIRCUIT BEFORE PERFORMING ANY CHECK OR PART REPLACEMENT OF THE EQUIPMENT.

H SETTING-UP

COLLEGAMENTI DI TUBO FLESSIBILE E PISTOLA

- Connect the high pressure flexible hose to the pump and to the gun, ensuring to tighten the fittings (*the use of two wrenches is suggested*).
- It is recommended to use the hose provided with the standard kit (*ref. 35017*).



NEVER use sealants on fittings' threads.
NEVER use a damaged or a repaired flexible hose.

COLLEGAMENTO DELL'ALIMENTAZIONE ELETTRICA

- Check the plant is earthed.

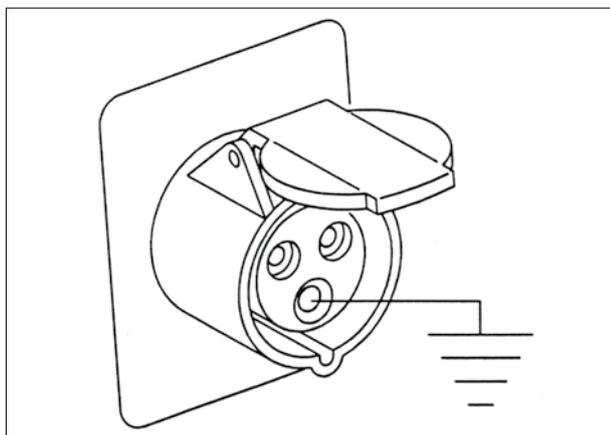


Fig. 1H

- Check the mains voltage corresponds to the equipment's rating (**H1**).



Fig. 2H

- The supply cable (**H2**) is provided without plug. Use a plug which guarantees the plant earthing. Only a technician or a skilled person should perform the connection of the plug to the electric cable.



Fig. 3H

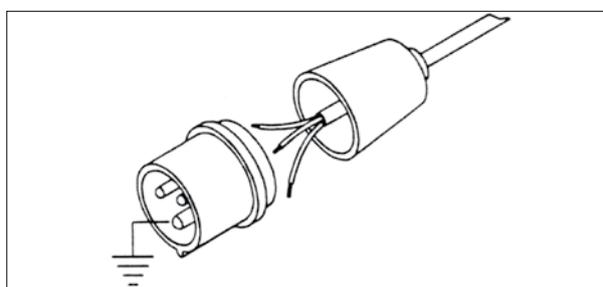


Fig. 4H



Should anyone use an extension cable between the tooling and the socket, it must have the same characteristics as the cable supplied (*minimum diameter of the wire 2.5 mm²*) with a maximum length of 50 mt. Higher lengths and lower diameters can provoke excessive voltage falls and also an anomalous working of the equipment.

CONNECTION OF THE TOOLING TO THE POWER SUPPLY

- Check the ON/OFF switch (**H3**) is on the "OFF" position before connecting the cable to the mains.
- Place the pressure control knob (**H4**) on the "MIN" position (*turn counterclockwise*).



Fig. 5H



Fig. 6H

WASHING OF THE NEW EQUIPMENT

- The equipment has already been adjusted at our factory with light mineral oil left inside the pumping group as protection. Therefore, wash with diluent before sucking the product.
- Lift the suction pipe and dip it into the solvent tank (H5).
- Ensure the gun (H6) is without nozzle.
- Open the re-circulation tap (H7). Turn the unit ON-OFF switch (H8) on the "ON" position.

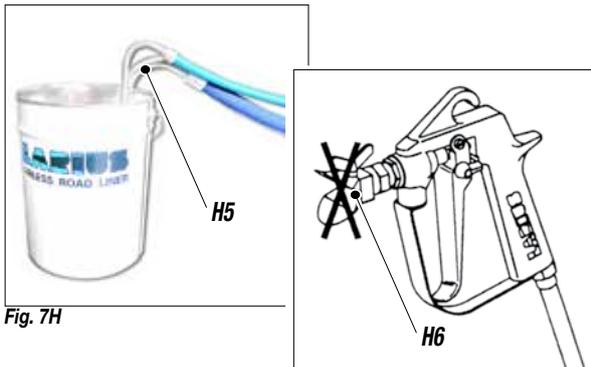


Fig. 7H

- Rotate the pressure setting knob (H4) slightly clockwise so that the machine operates at minimum power.

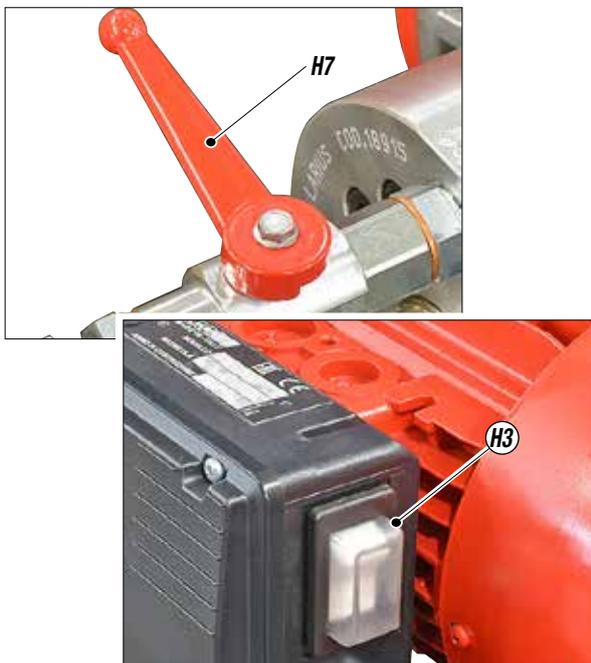


Fig. 8H

- Point the gun at a container keeping the trigger pressed (so as to drain the oil inside) till a clean solvent comes out. Now,



Fig. 9H

- release the trigger.
- Remove the suction pipe and take away the solvent tank.
- Point the gun at the solvent tank and press the trigger so as to recover the residual solvent.
- As the pump idles, press the ON/OFF switch (H3) on the position "OFF" to stop the tooling.



Absolutely avoid to spray solvents indoors. In addition, it is recommended to keep away from the pump in order to avoid the contact between the solvent fumes and the electric motor.

- Now the machine is ready. Should you use water paints, besides the solvent wash, a wash with soapy and then clean water is suggested.
- Insert the gun trigger lock and assemble the nozzle.

PREPARATION OF THE PAINT

- Make sure the product is suitable to be used with a spray gun.
- Mix and filter the product before using it. For filtration, use **CLOSE-MESH** (ref.214) and **LARGE-MESH** (ref.215) **LARIUS METEX** braids.



Make sure the product to be used is compatible with the materials employed for manufacturing the equipment (stainless steel and aluminium). Because of that, please contact the supplier of the product.

Never use products containing halogen hydrocarbons (as *methylene chloride*). If these products come into contact with aluminium parts of the equipment, can provoke dangerous chemical reactions with risk of explosion.



I WORKING

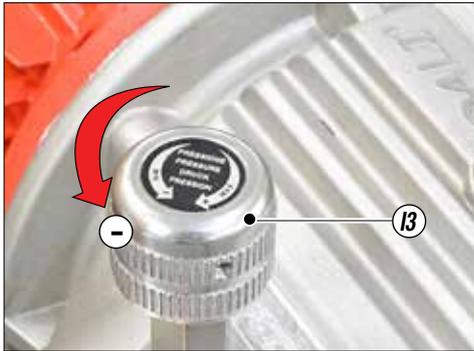


Fig. 11

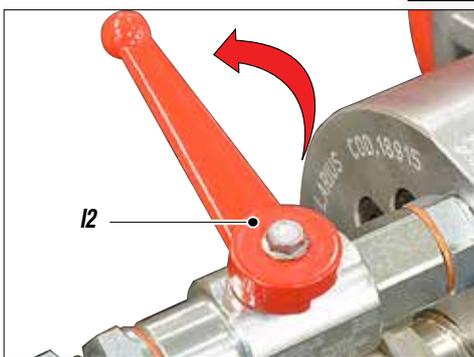


Fig. 21



Fig. 31

START OF THE PAINTING OPERATIONS

- Use the tooling after performing all the **SETTING UP** operations above described.
- Dip the suction pipe (11) into the product tank.
- Open the re-circulation valve (12).
- Press the **ON/OFF** switch of the equipment and turn a little the pressure control knob (13), so as the machine works at

the idle speed.

- Make sure the product recycles from the return tube (14).
- Close the re-circulation valve.
- At this point the machine will continue to suck the paint product until the delivery hose is completely full. Afterwards, the product will re-circulate automatically.

SPRAY ADJUSTMENT

- Slowly turn clockwise the pressure control knob to reach the pressure value in order to ensure a good atomization of the product.
- An irregular and marked spray on the sides indicates a low working pressure. On the contrary, a too high pressure causes a high fog ("overspray") and waste of product.
- In order to avoid overthickness of paint, let the gun advance sideways (*right-left*) when spraying.
- Always paint with regular parallel bands coats.
- Keep a safety and constant distance between the gun and the support to be painted and also keep yourselves perpendicular to it.



NEVER point the spray gun at yourselves or at other people. The contact with the casting can use serious injuries. In case of injuries caused by the gun casting, seek immediate medical advice specifying the type of the product injected.



The drain valve is a safety valve too. When working at the maximum pressure available, releasing the gun trigger sudden increases of pressure can occur. In this case, the drain valve opens automatically eliminating part of the product from the recirculating tube. Then it closes so as to go back to the first working conditions.

K ROUTINE MAINTENANCE

TOP UP HYDRAULIC OIL

With each start up, check the hydraulic oil level by looking through the gauge (K1) on the side of the hydraulic body. If necessary, use to top up the level:

AGIP DICREA 150 type hidraulic oil



Fig. 1K

K1

RELEASE THE SUCTION VALVE

If the pump malfunctions, release the suction valve fitted on the head of the pump in the following way:

- Remove the suction hose fitting and release the valve by inserting a rigid rod (K2) with a diameter of no more than 15 mm.



Fig. 2K

K2

CLEANING THE COMPRESSION VALVE

When the compression valve (K3) must be removed, clean it with specific solvents depending on the type of paint used and refit all parts by inverting the removal order.

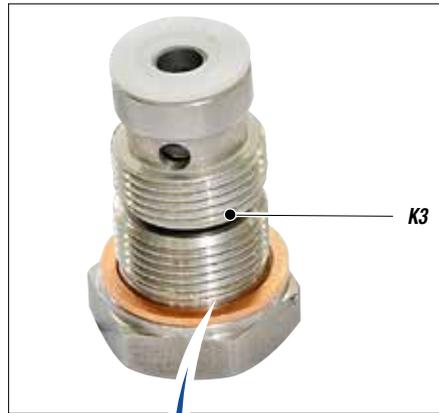


Fig. 3K

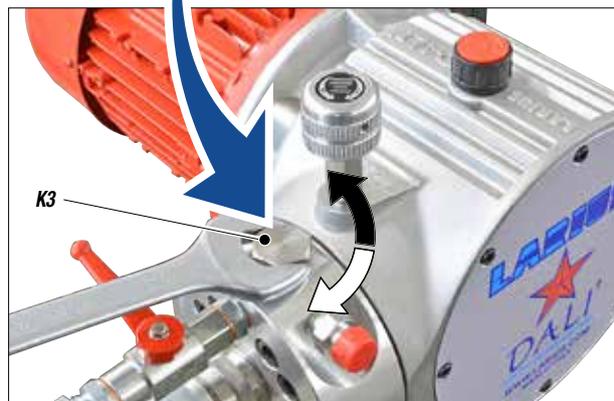


Fig. 4K



Assemble the components in the correct order.

REPLACING HYDRAULIC OIL

After operating for 100 hours, replace the oil in the pump;

- Discharge the waste oil through the plug (K4) fitted at the bottom of the pump casing.
- Clean the seals on the cap and replace it if worn.
- Remove and clean the filter (K5) on the side of the pump casing; if necessary, replace the filter and the respective seals.
- Clean and, if necessary, replace the worn seals (K5).
- Replace the plug (K4).
- Fill the pump with the recommended oil until it reaches the maximum level.

AGIP DICREA 150 type hidraulic oil

- Then, substitute the oil every 250 hours.

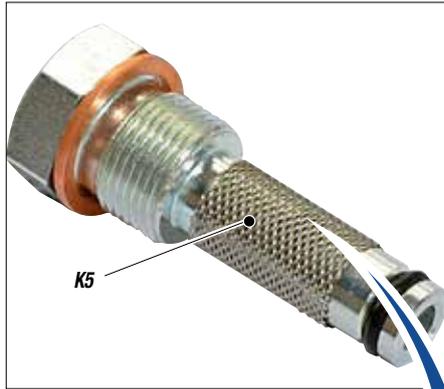


Fig. 5K

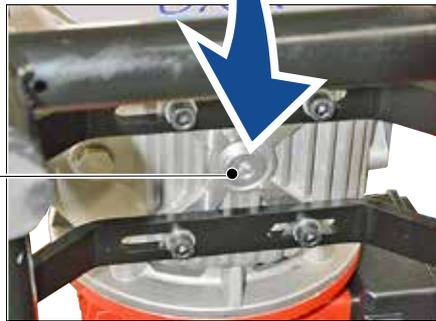


Fig. 6K



Fig. 7K

CLEANING THE MOTOR COOLING FAN GUARD

Clean the motor cooling fan protection guard (K6) periodically to ensure the best cooling.



Fig. 8K

L WARNING PLATE

 <i>Apparecchi per verniciatura</i>	 Paint spraying units
 ATTENZIONE UTILIZZARE GRUPPI ELETTROGENI CON ALTERNATORE ASINCRONO http://www.larius.com	 WARNING USE POWER UNITS WITH ASYNCHRONOUS ALTERNATOR e-mail larius@larius.com

Fig. 1L

M CORRECT PROCEDURE OF DECOMPRESSION

- Insert the gun clamp (M1).
- Move the ON/OFF switch (M2) to the OFF position to stop the equipment.
- Set the valve (M3) at its minimum pressure setting (turn counterclockwise).

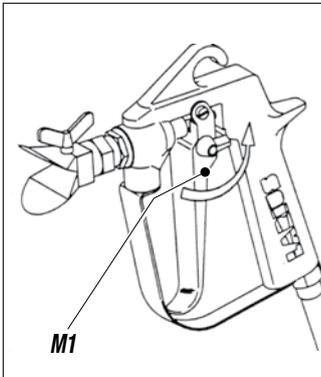


Fig. 1M



Fig. 2M



Fig. 3M

- Disconnect the power supply cable (M4).

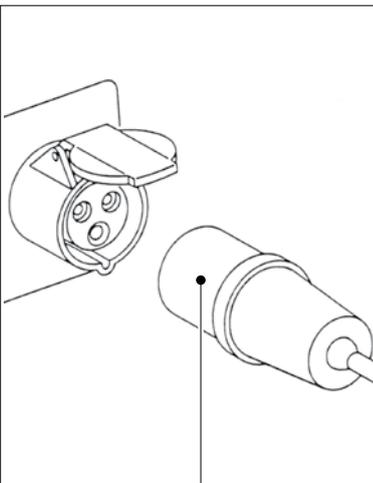


Fig. 4M

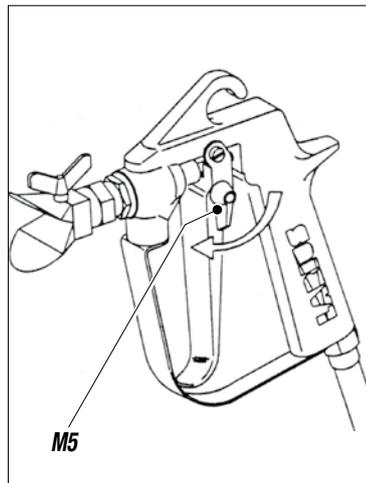


Fig. 5M

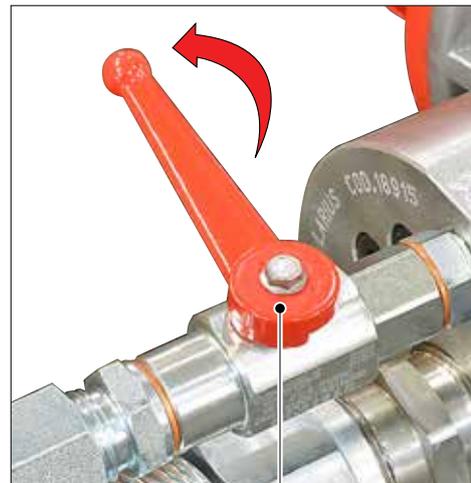


Fig. 6M

- Release the gun clamp (M5). Point the gun at the tank of the product and press the trigger to release pressure. At the end of the operation, insert the gun clamp.
- Open the re-circulation valve (M6) to release residual pressure.

If the equipment is still under pressure after performing the operations above described because of the nozzle or the flexible hose clogged, proceed as follows:

- Loosen very slowly the gun nozzle.
- Release the clamp.
- Point the gun at the container of the product and press the trigger to release pressure.
- Loosen very slowly the fitting of connection from the flexible hose to the gun.
- Clean or replace the flexible hose and the nozzle.





N PROBLEMS AND SOLUTIONS

Problem	Cause	Solution
The equipment does not start	Lack of voltage;	Check the correct connection to the power supply;
	Considerable drops in mains voltage;	Check the extension cable;
	ON-OFF switch disconnected;	Ensure the ON-OFF switch is on the "ON" position and turn clockwise the pressure control knob;
	Setting valve faulty pressure;	Verify and replace it, if necessary;
	Breakdown of motor electric control box;	Verify and replace it, if necessary;
	The product is solidified inside the pump;	Open the drain valve to release pressure in the circuit and stop the machine. Remove the compression valve and clean it;
The equipment does not suck the product	Suction filter clogged;	Clean or replace it;
	Suction filter too fine;	Replace it with a larger-mesh filter (with very dense products, remove the filter);
	The equipment sucks air;	Check the suction pipe;
The equipment suck but does not reach the pressure desired	Lack of product;	Add the product;
	The equipment sucks air;	Check the suction pipe;
	The drain valve is open;	Close the drain valve;
	Suction or delivery valve dirty;	Disassemble the colour body group;
When pressing the trigger, the pressure lowers considerably	Nozzle too big or worn;	Replace it with a smaller one;
	The product is too dense;	Dilute the product, if possible;
	The filter of the gun-butt is too fine;	Replace it with a larger-mesh filter;
The pressure is normal but the product is not atomized. Leakage from the seal-tightening screw	The nozzle is partially clogged;	Clean or replace it;
	The product is too dense;	Dilute the product, if possible;
	The filter of the gun-butt is too fine;	Replace it with a larger-mesh filter;
The atomization is imperfect	The nozzle is worn;	Replace it;



Always close the air compressed supply and unload the plant pressure before performing any check or replacement of pump parts (see "correct procedure of decompression").



0 COMPLETE HYDRAULIC BODY

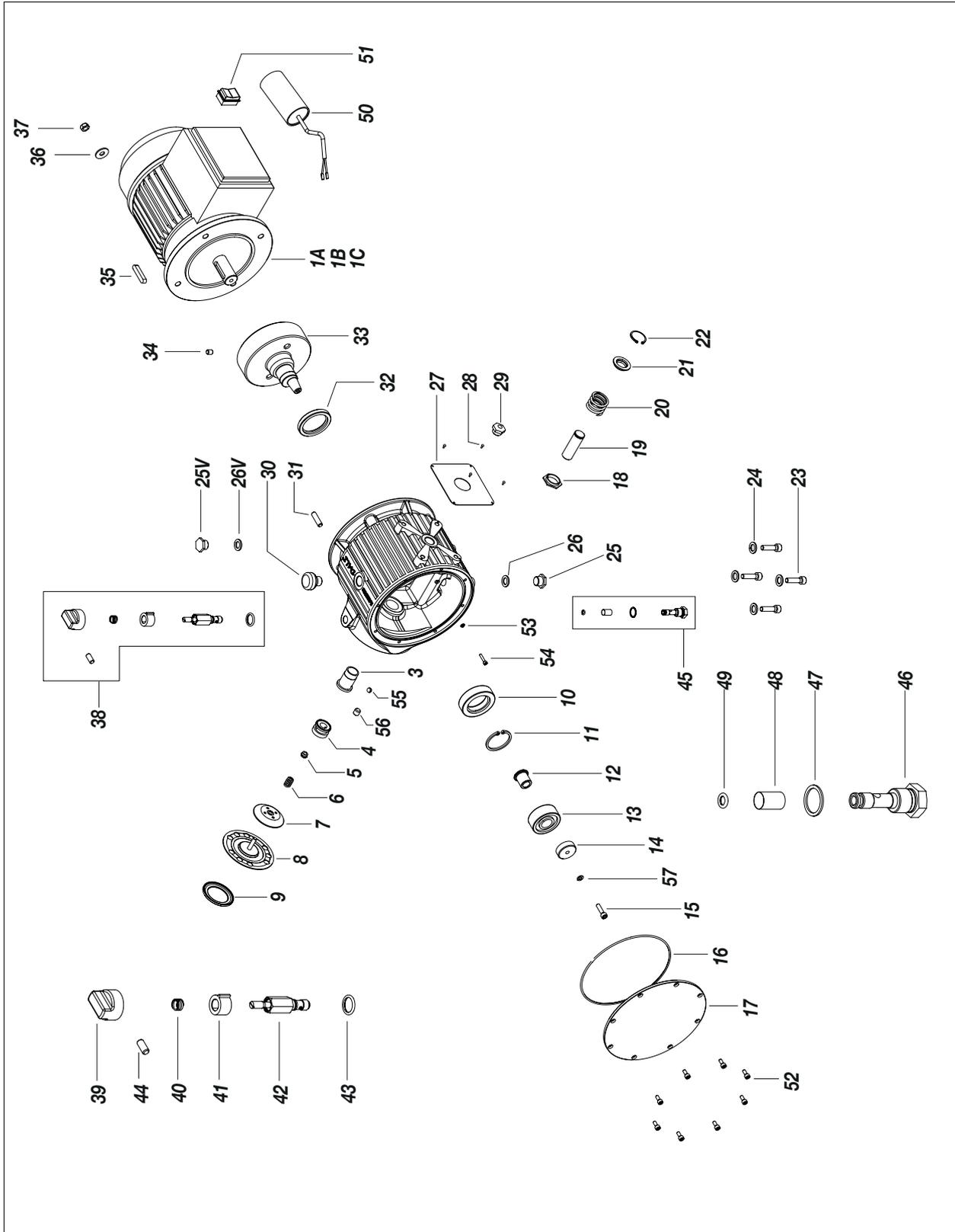


Fig. 10



Pos.	Code	Description
1A	18925	Electric motor mono-phase 220V 50Hz complete
1B	18926	Electric motor mono-phase 110V 60Hz complete
1C	18924	Electric motor three-phases 380V 50Hz complete
2**	18901	Hydraulic body
3**	32018	Cylinder liner
4	32033	Piston insert
5**	33002/5	Nut
6**	33002/3	Spring
7**	18937	Oil distributor
8**	33002/1	Diaphragm
9*	18936	Diaphragm insert
10**	31125	Bearing
11**	81020	Elastic ring
12	18906	Bushing
13	32026	Bearing
14	32027	Cover
15	32029	Screw
16	18908	OR
17	18907	Cover
18**	32041	Check nut
19	32019	Piston
20	32022	Spring
21	32021	Spring cap
22	32020	Elastic ring
23	96031	Screw
24	32024	Washer
25	32108	Plug
25V*	32108	Plug
26	33010	Washer
26V*	33010	Washer
27	18910	Identification plate 220V 50Hz
27	18931	Identification plate 110V 60Hz

Pos.	Code	Description
27	18932	Petrol identification plate
27	18933	Identification plate 380V 50Hz
28	34020	Rivet
29	32007	Oil inspection window
30	32108	Plug
31	81012	Spline
32	18909/1	Corteco
33	18947	Eccentric flywheel
34	81009	Dowel
35	18919	Tab
36	33005	Washer
37	18903	Nut
38	32150	Complete pressure regulation valve
39	32017	Knob
40	32017/2	Spring
41	32016	Retainer
42	32155	Valve body
43	32014	OR
44	32017/1C	Dowel
45	12475	Oil filter assembly
46	12461	Filter
47	32010	Copper washer
48	258	Filter sieve 60 MESH
49	32012	OR
50	18928	Motor condenser 220V 50Hz
50	18929	Motor condenser 110V 60Hz
51	18938	Switch
52	32032	Screw
53*	5059	Washer
54*	18567	Screw
55*	91915	Ball
56	18946	Dowel
57	32028	Washer (Typ Grower)

* Only in the vertical configuration

**Pos. 2-3-10-11-18 spare supplied complete (recommended) - Ref. 18952

**Pos. 5-6-7-8 complete diaphragm - Ref. 18904



P PETROL ENGINE

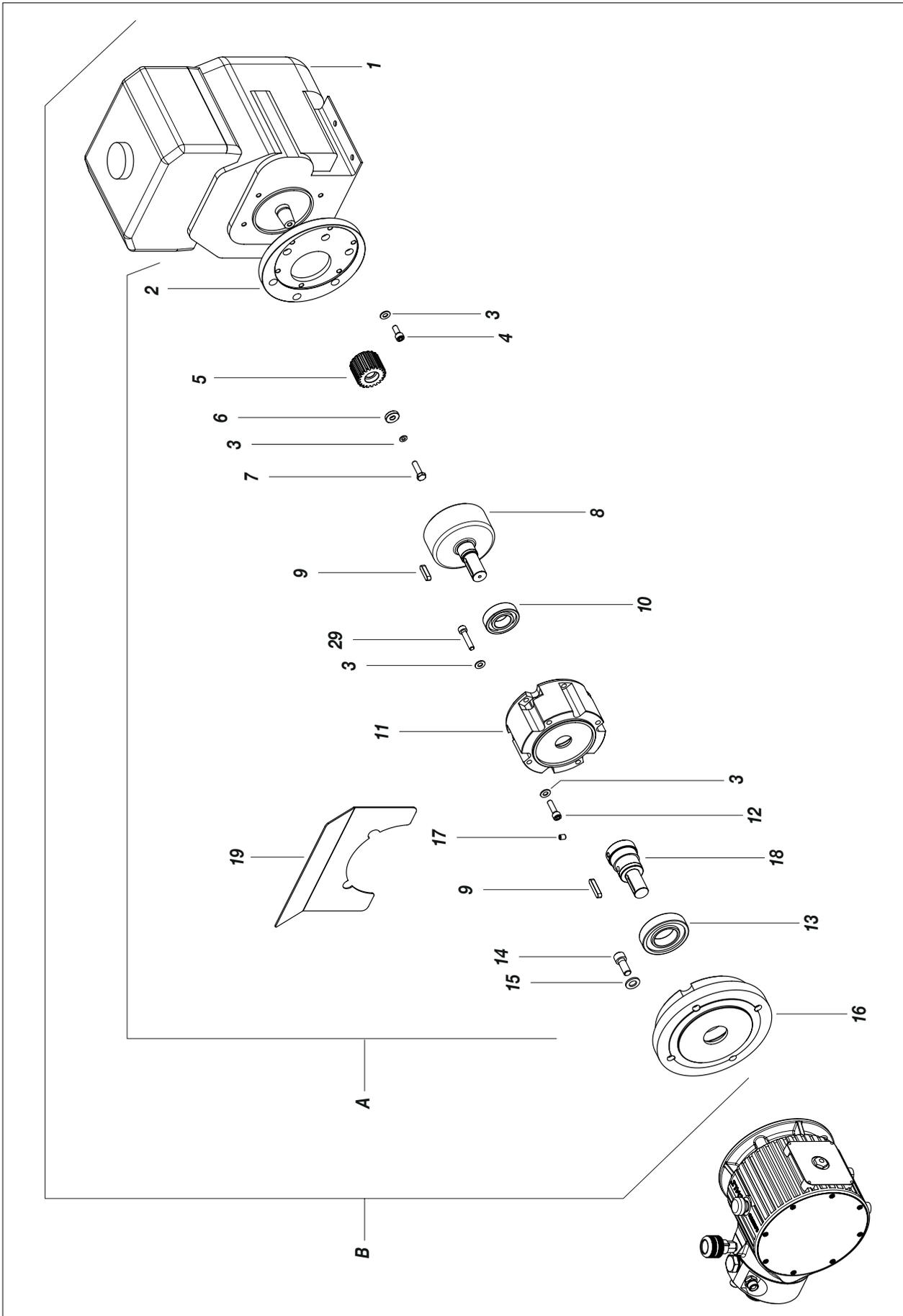


Fig. 1P

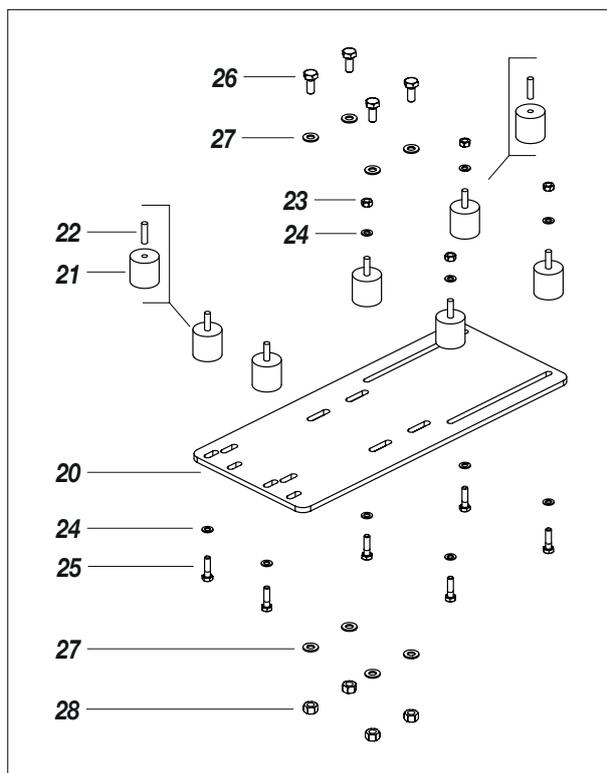


Fig. 2P

C

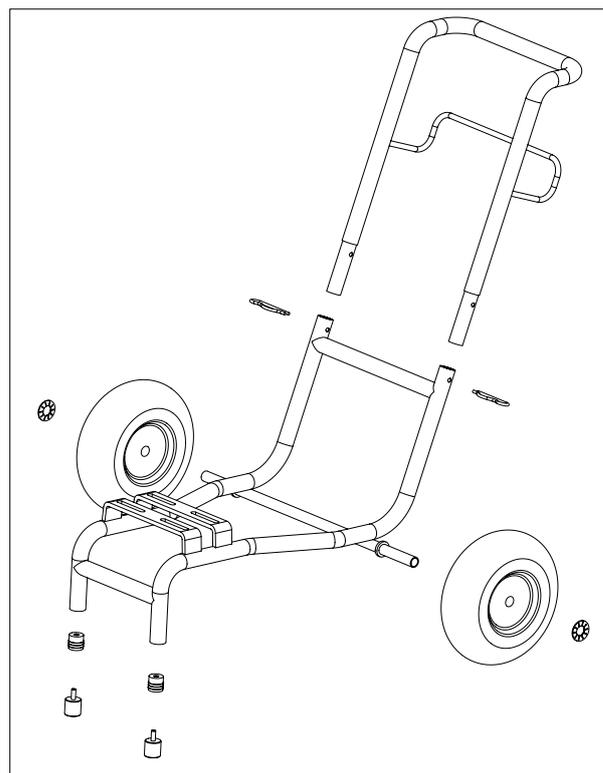


Fig. 3P

D

Pos.	Code	Description
A	18260	Complete gearbox – petrol membrane version
B+C+D	18340	Complete gearbox kit – Dali petrol version with trolley
B+C	18347	Complete Dali liner kit
1	4415	Motor
2	18261	Flange motor
3	34009	Washer
4	96031	Screw
5	18262	Pinion
6	18263	Washer
7	8385	Screw
8	18265	Toothed bell
9	18919	Tab
10	42255	Bearing
11	18266	Gearbox cone
12	34008	Screw
13	18267	Bearing

Pos.	Code	Description
14	18344	Screw
15	95114	Washer
16	18268	Hydraulic flange
17	81009	Dowel
18	18269	Reduction
19	18264	Plating guard
20	18254	Fixing plate
21	81107	Vibration damper
22	18942	Threaded pin
23	52017	Nut
24	32024	Washer
25	34008	Screw
26	95156	Screw
27	81033	Washer
28	95158	Nut
29	7059	Screw



Q COMPLETE COLOUR BODY

VERTICAL VERSION

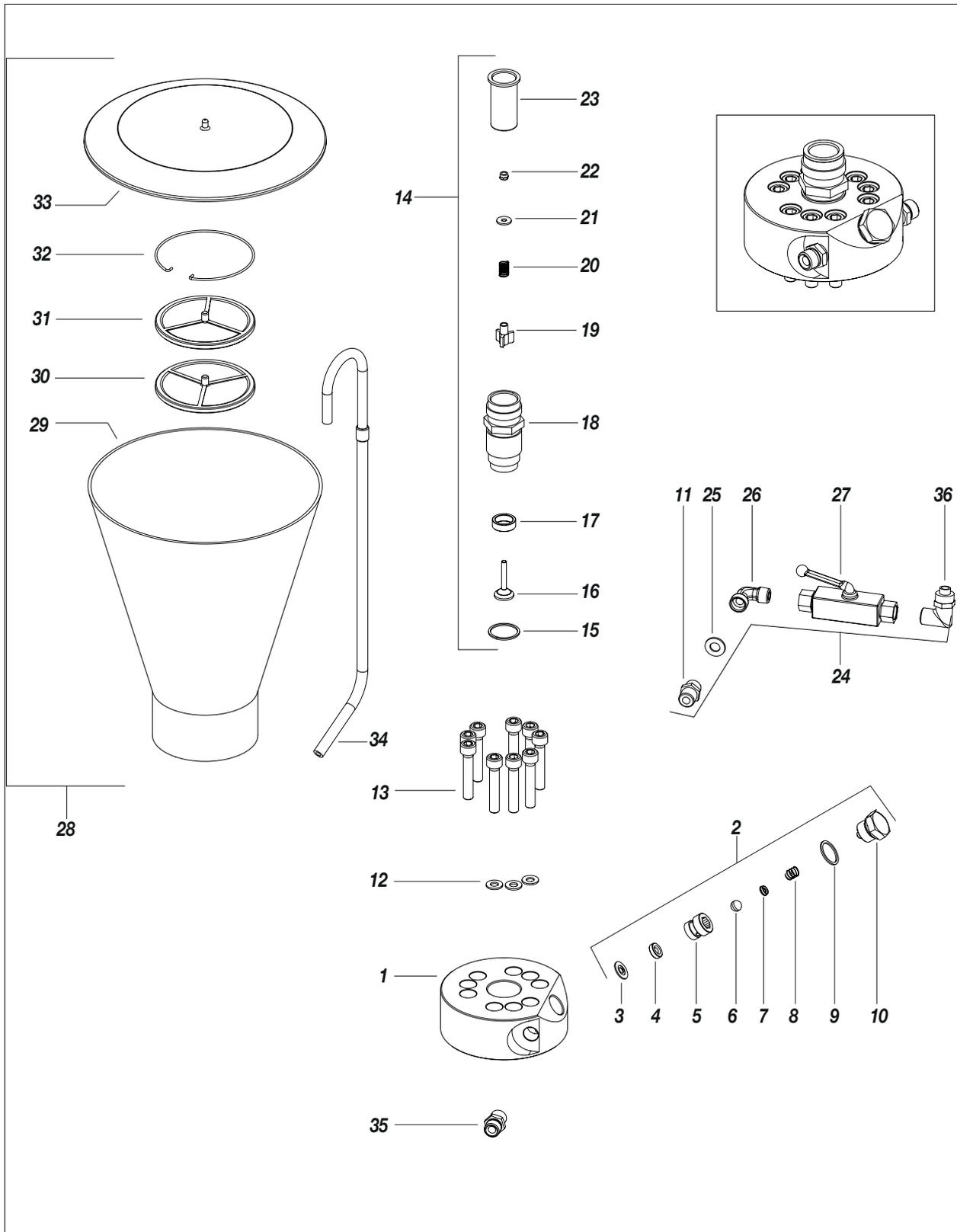


Fig. 1Q



Pos.	Code	Description
1	18951	Vertical colour body
2	33033	Valve assembly
3	33026	Gasket
4	33027/2	Ball seat
5	33027/1	Valve housing
6	33028	Ball
7	33029	Spring seat
8	53006/1	Spring
9	33031	Gas-ring
10	33032	Check nut
11	33011	Union
12	33005	Washer
13	33004	Screw
14	33017	Complete valve body
15	33018	Gas-ring
16	33019	Conical shutter
17	33020/1	Spear valve seat
18	33020	Valve body

Pos.	Code	Description
19	33021	Shutter guide
20	33022	Spring
21	33023	Washer
22	33024	Nut
23	33025	Seal sleeve
24	18922	Recirculation valve assembly
25	33012	Washer
26	18614	Elbow
27	33013	Cock
28	35101	Tank assembly
29	35103	Tank
30	35006	Close filter
31	35007	Large filter
32	35008	Spring ring
33	55000	Cover
34	18569	Recirculation tube
35	95284	Union
36	4011	Union



HORIZONTAL VERSION

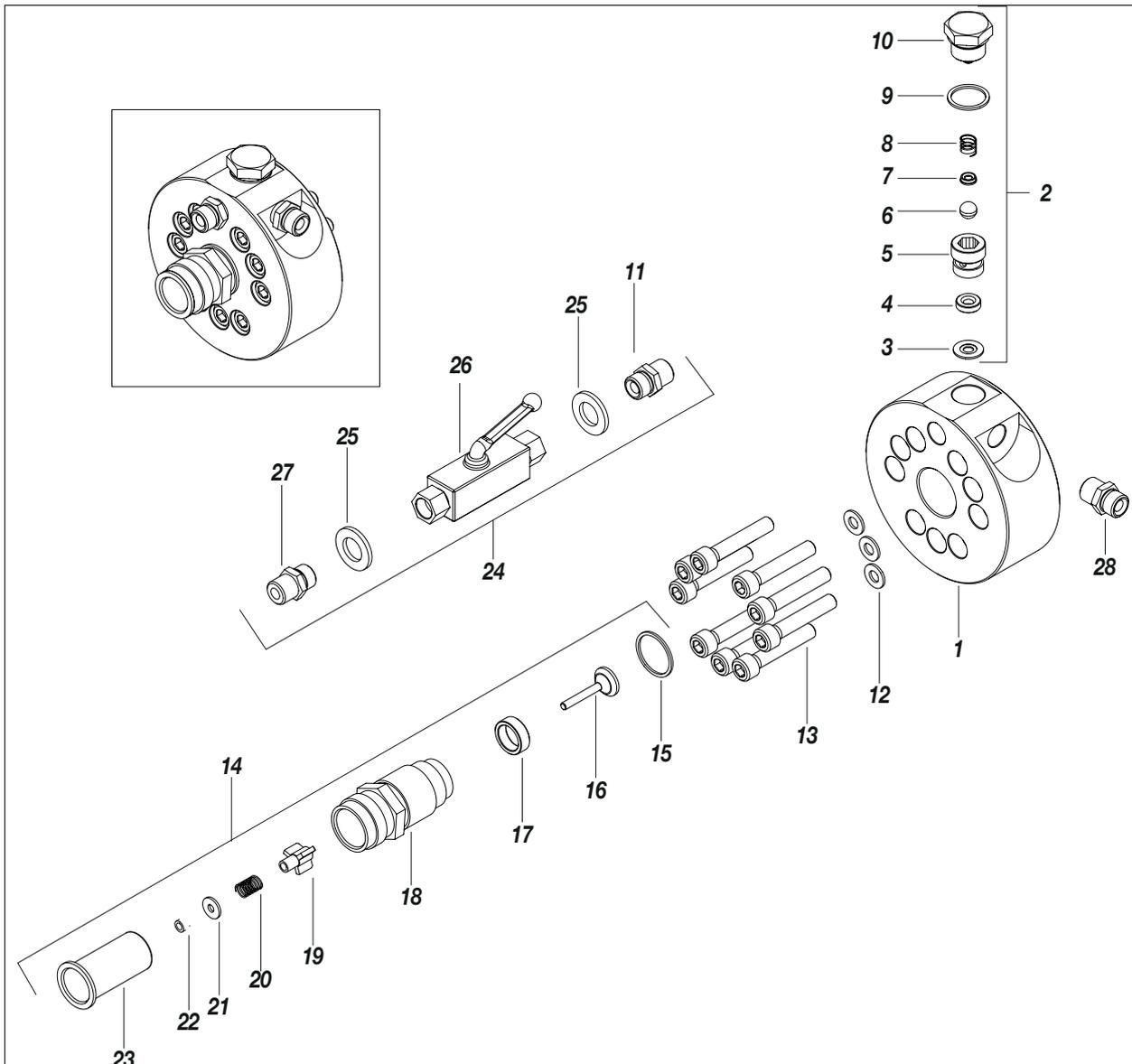
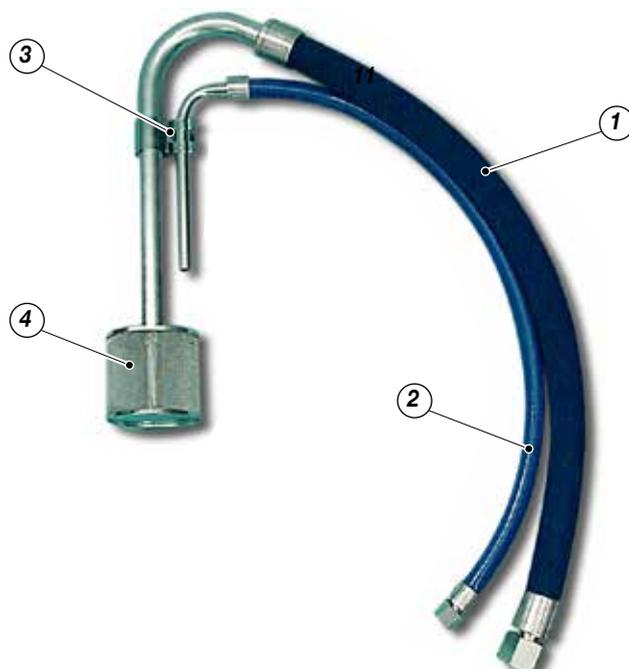


Fig. 2Q

Pos.	Code	Description
1	18915	Standard colour body
2	33033	Valve assembly
3	33026	Gasket
4	33027/2	Ball seat
5	33027/1	Valve housing
6	33028	Ball
7	33029	Spring seat
8	53006	Spring
9	33031	Gas-ring
10	33032	Plug
11	33011	Union
12	33005	Washer
13	33004	Screw
14	33017	Complete valve body

Pos.	Code	Description
15	33018	Gas-ring
16	33019	Conical shutter
17	33020/1	Spear valve seat
18	33020	Valve body
19	33021	Shutter guide
20	33022	Spring
21	33023	Washer
22	33024	Nut
23	33025	Seal sleeve
24	18922	Recirculation valve assembly
25	33012	Washer
26	33013	Cock
27	33015	Union
28	95284	Union

R SUCTION SYSTEM



Pos.	Code	Description
-	85009	Suction systems
1	85010	Suction tube
2	16609	Recirculation tube
3	18096	Spring
4	85012	Filter of suction

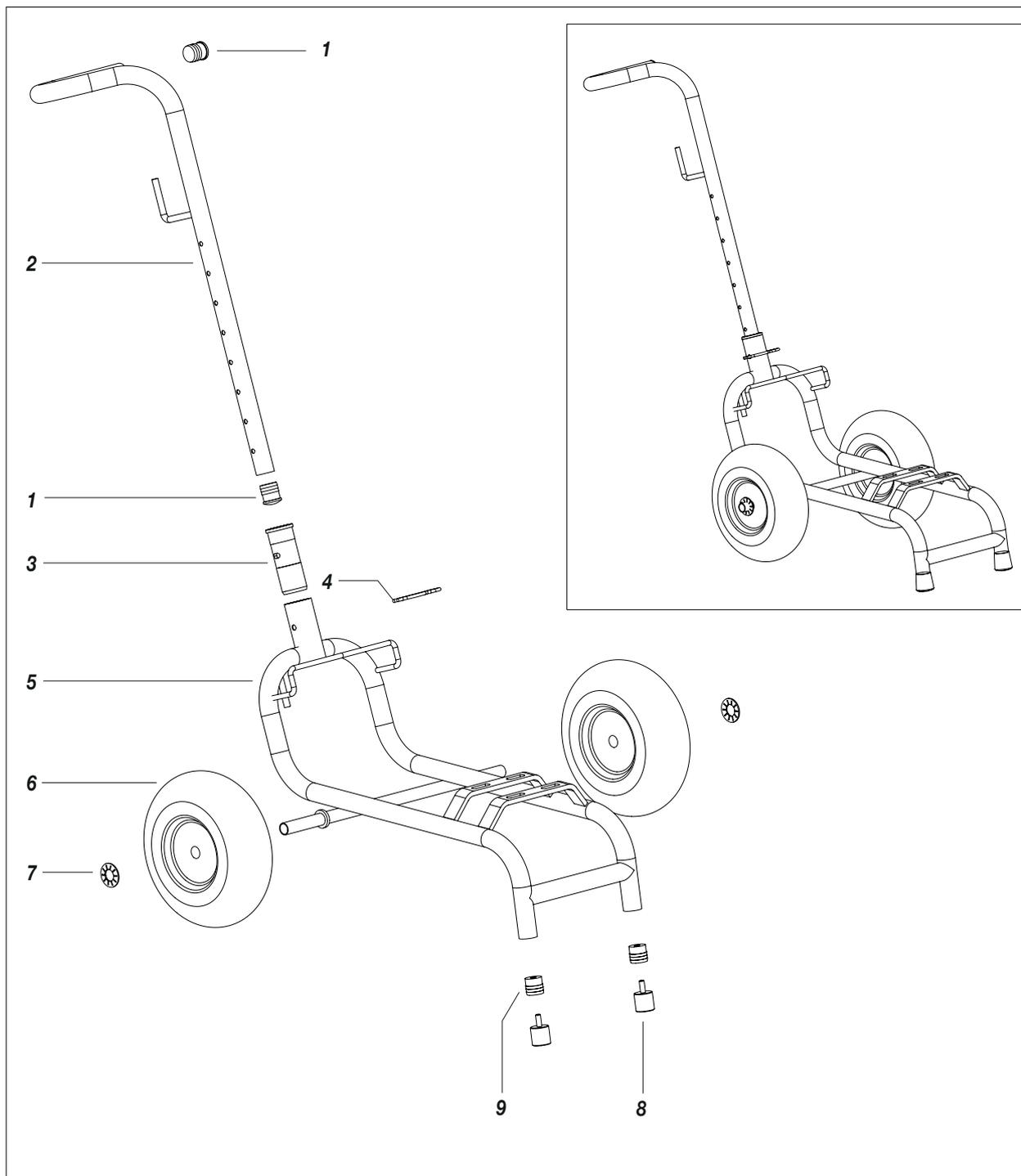
**S TROLLEY****ELECTRIC MOTOR**

Fig. 1S

Pos.	Code	Description
-	18911	Trolley assembly
1	95159	Plug
2	18912	Handle
3	18914	Bushing
4	18902	Split pin

Pos.	Code	Description
5	18913	Trolley frame
6	37218	Pneumatic wheel
7	91047	Washer
8	12454	Feet
9	12473	Plug

PETROL ENGINE

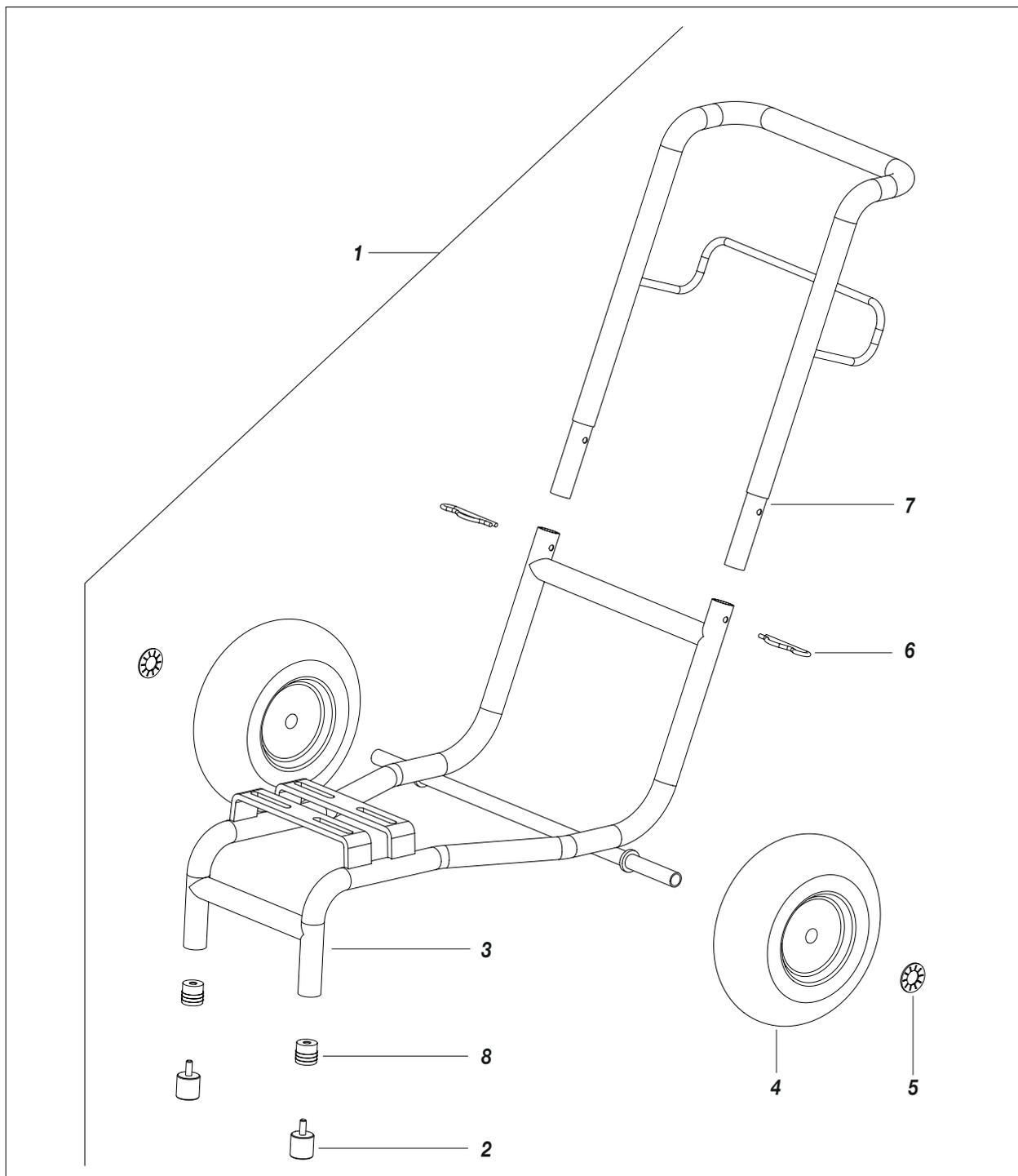


Fig. 2S

Pos.	Code	Description
1	12355	Trolley assembly
2	12454	Foot
3	12710	Trolley base
4	37218	Pneumatic wheel
5	91047	Elastic washer

Pos.	Code	Description
6	84007	Split pin
7	12711	Trolley handle
8	12473	Plug



T ACCESSORIES



Code 11250: AT 250 1/4"
Code 11200: AT 250 M16x1,5



Code 270: FILTER 100 MESH
Code 271: FILTER 60 MESH



PISTON GUNSTOCK FILTERS

Code 11039: Green (30M) - **Code 11038:** White (60M)
Code 11037: Yellow (100M) - **Code 11019:** Red (200M)



Code 147: HIGH PRESSURE GAUGE M16x1,5
Code 150: HIGH PRESSURE GAUGE GJ 1/4"



Code 85014: FILTER 40 MESH - **Code 85012:** FILTER 20 MESH
Code 37215: FILTER 40 MESH inox - **Code 37216:** FILTER 20 MESH inox



MANUAL GUN LX-T

Code 14310: NOZZLE 4 mm
Code 14311: NOZZLE 6 mm
Code 14312: NOZZLE 8 mm



HIGH PRESSURE HOSE 3/8" - M16x1,5 max pressure 425 bar
Code 18063: 7,5 mt
Code 18064: 10 mt
Code 18065: 15 mt

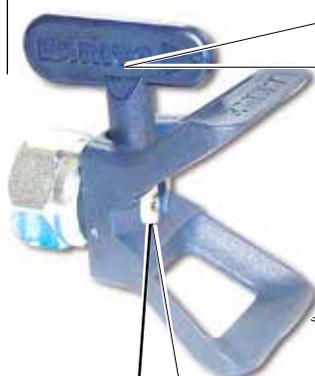


ANTISTATIC HOSE 3/16" - M16x1,5 max pressure 210 bar
Code 6164: 5 mt
Code 55050: 7,5 mt
Code 35018: 10 mt



ANTIPULSATIONS 1/4" - M16x1,5 max pressure 250 bar
Code 35013: 5 mt
Code 35014: 7,5 mt
Code 35017: 10 mt
Code 18026: 15 mt

SUPER FAST-CLEAN



SUPER FAST-CLEAN TIP

Nozzles code		
SFC07-20	SFC19-60	SFC29-80
SFC07-40	SFC21-20	SFC31-40
SFC09-20	SFC21-40	SFC31-60
SFC09-40	SFC21-60	SFC31-80
SFC11-20	SFC23-20	SFC33-40
SFC11-40	SFC23-40	SFC33-60
SFC13-20	SFC23-60	SFC33-80
SFC13-40	SFC25-20	SFC39-40
SFC13-60	SFC25-40	SFC39-60
SFC15-20	SFC25-60	SFC39-80
SFC15-40	SFC27-20	SFC43-40
SFC15-60	SFC27-40	SFC43-60
SFC17-20	SFC27-60	SFC43-80
SFC17-40	SFC27-80	SFC51-40
SFC17-60	SFC29-20	SFC51-60
SFC19-20	SFC29-40	SFC51-80
SFC19-40	SFC29-60	



Code 18280: GASKET



Code 18270: SUPER FAST-CLEAN base UE 11/16x16



GUN EXTENSION

Code 153: cm 30 - **Code 153:** cm 40
Code 155: cm 60 - **Code 158:** cm 80 - **Code 156:** cm 100



PLA 1/4"
+ BASE SUPER FAST-CLEAN

Code K11420-K11425-K11430: cm 130-180-240

PLA M16x1,5
+ BASE SUPER FAST-CLEAN

Code K11421-K11426-K11431: cm 130-180-240



Code 16780: TELESCOPIC PAINT ROLLER
complete with:

- n. 1 Roller with extra-long fiber
 - n. 1 Roller with long fiber
 - n. 1 Roller with medium fiber
- Flexible hose mt. 2 3/16 " M16x1,5



MX 750

MX 1000 E

MX 1100 E

Code 217550: MX 750 - **Code 217560:** MX 1000 E - **Code 217570:** MX 1100 E



Code 18241: GRAVITY HOPPER 50 lt

DALI' VERSIONS



HORIZONTAL WITHOUT ACCESSORIES

Ref. 18900: 220V / 50 Hz

Ref. 18920: 110V / 60 Hz

Ref. 18955: 380V / 50 Hz

Ref. 18956: Petrol

HORIZONTAL WITH ACCESSORIES

Ref. 18957: 220V / 50 Hz

Ref. 18958: 110V / 60 Hz

Ref. 18959: 380V / 50 Hz

Ref. 18960: Petrol



VERTICAL WITHOUT ACCESSORIES

Ref. 18961: 220V / 50 Hz

Ref. 18962: 110V / 60 Hz

Ref. 18963: 380V / 50 Hz

Ref. 18964: Petrol

VERTICAL WITH ACCESSORIES

Ref. 18965: 220V / 50 Hz

Ref. 18966: 110V / 60 Hz

Ref. 18967: 380V / 50 Hz

Ref. 18968: Petrol

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CE DECLARATION OF CONFORMITY



Company



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Fax: +39 0341 621243
E-mail: larius@larius.com

Declares under his owns responsibility that the product:

DALI' Electric diaphragm pump

complies with the directives:

- EC Directive 2006/42 Machinery Directive
- EU Directive 2014/30 Electromagnetic Compatibility (EMC)
- EU Directive 2014/35 Low Voltage (LVD)

furthermore to the
harmonized standards:

- UNI EN ISO 12100-1/-2
Machinery safety, basic concepts, general principles of design. Basic terminology, methodology. Technical principles.

This declaration relates exclusively to the product in the state in which it was placed on the market, and excludes components or modifications which are added or carried out subsequently by end user.

Signature

Pierangelo Castagna
Managing Director

Calolziocorte, 1 September 2020
Location / Date



LARIUS srl

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