



FLOWMAX® PUMP

17 A2

TECHNICAL FEATURES

TRANSLATION FROM THE ORIGINAL MANUAL

IMPORTANT : Before assembly and start-up, please read and clearly understand all the documents relating to this equipment (professional use only).

THE PICTURES AND DRAWINGS ARE NON CONTRACTUAL. WE RESERVE THE RIGHT TO MAKE CHANGES WITHOUT PRIOR NOTICE.

KREMLIN - REXSON

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1. DESCRIPTION

- Bellows air pump (stainless steel)
- Use without lubrication
- GT monolip seal
- External valves

Designed for :

- Supplying one to three spray guns
- Spraying solvented or water-based paints
(Viscosity : lower to 5000 mPa.s)

2. TECHNICAL FEATURES

Motor type1000-2
Pump body pump A2
Theoretical pressure ratio 17/1

Dynamic tightness packings :

Bellows : polyethylene
GT packing : polyethylene

Wetted parts in contact with the material :

Hard chrome stainless steel, treated stainless steel, stainless steel, carbide

Air motor stroke	50 mm	2"
Air motor section	100 cm ²	15.5 sq.in
Fluid section	6 cm ²	0.9 sq.in
Delivery per cycle	60 cm ³	3.66 cu.inch
Number of cycle	16	62 per gallon
Fluid delivery (30 cycles)	1,8 l	0.48 US gal
Maximum air operating pressure	6 bar	87 PSI
Maximum fluid pressure	100 bar	1450 PSI
Weighted sound pressure (LAeq)	75.5 dBa*	75.5 dBa*
Maximum operating temperature	50°C	122° F

* Test conditions - Noise level :

- Test duration : 30 s,
- Motor air pressure : 6 bar,
- Material used : T Lubricate,
- Flow rate : Pump adjusted at 20 cycles/minute.

Weight : wall mounted unit with filter and rods.....20 kg / 48 Lb

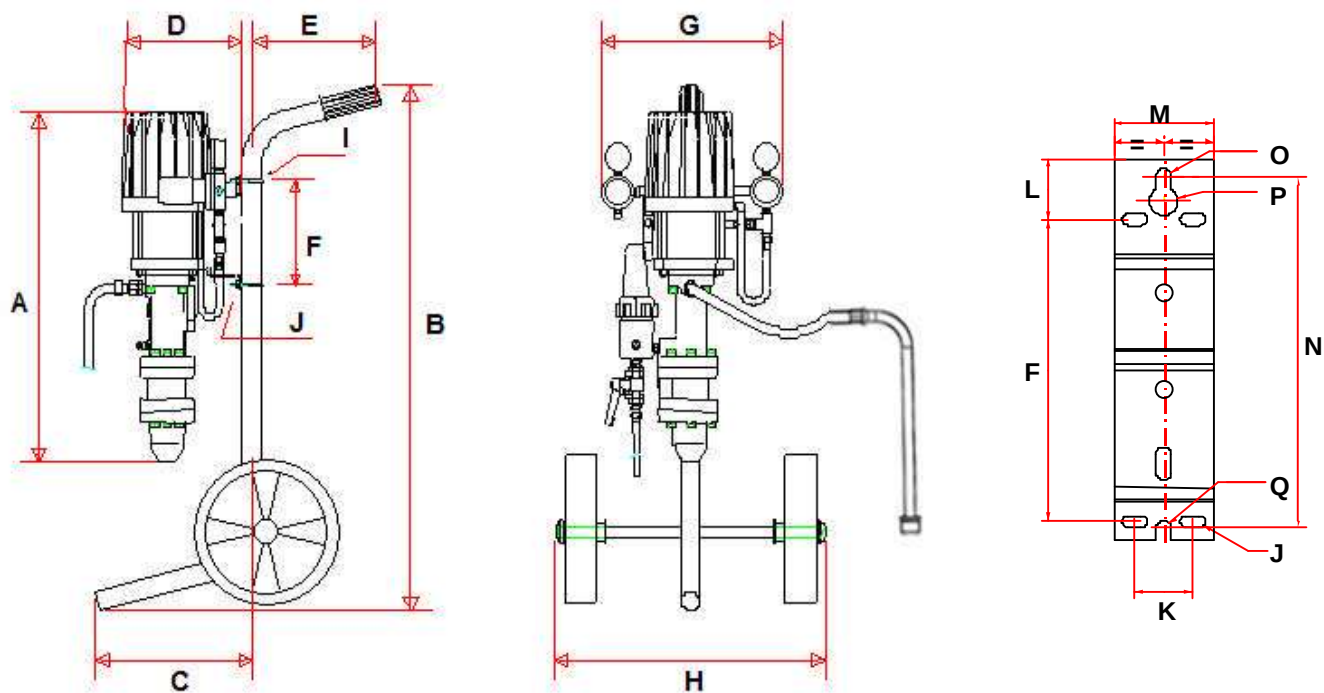
■ FITTINGS

		Bare pump	Pump assembly
Air	Inlet	F 1/4" BSP	F 3/8 BSP
Fluid	Inlet	F 1/2" BSP	M 26 x 125 + suction rod (fitting F 26x125)
	Outlet	F 3/8 NPS	M 1/2 JIC (filter outlet)

■ HOSES WITH FITTINGS

Pump air supply hose (minimum Ø for a 5 m/16.5 ft length) : Ø 16 mm / 5/8"
Air hose (between "GUN AIR" regulator and gun) 7 mm ID / 1/4 dia.
AIRLESS fluid hose (between fluid outlet of the pump and spray gun) : Ø 4,8 mm / 3/16"

■ DIMENSIONS



Ind.	mm	"	Ind.	mm	"	Ind.	mm	"	Ind.	mm	"
A	622	24.5	B	935	36.8	C	279	11	D	211	8.31
E	223	8.78	F	182	7.16	G	330	13	H	480	18.9
I	35	1.38	J	7x15	0.28 x 0.6	K	35	1.38	L	36,5	1.44
M	60	2.36	N	211,5	8.3	O	Ø 9	Ø 0.35	P	Ø 17	Ø 0.67
Q	Ø 9	Ø 0.35									

3. INSTALLATION

The pumps are designed to be installed in a spray booth.

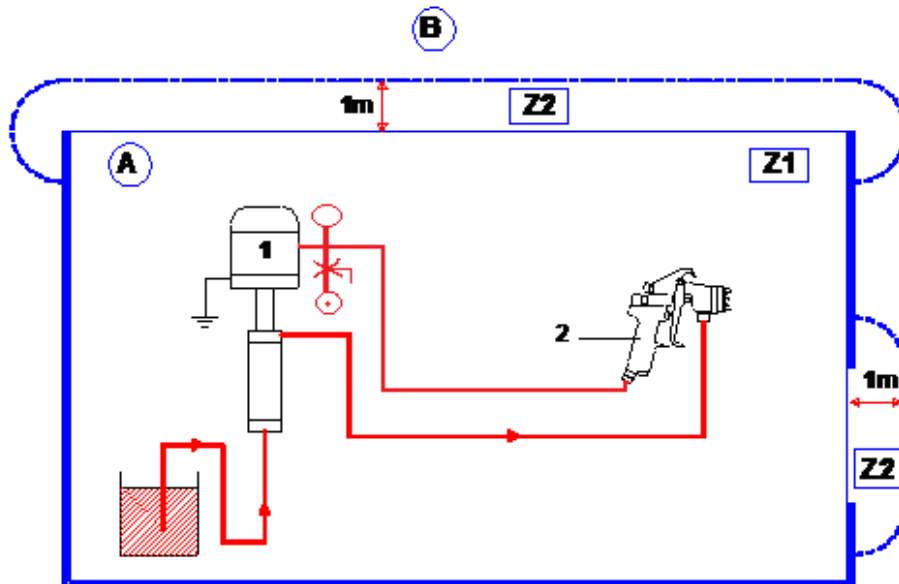
DESCRIPTION OF THE LABEL MARKING

Marking in accordance with
the ATEX Directive

	II2G TYPE	P air 6 bar 87 psi
	P prod bar/psi	SERIE-SERIAL
 Kremlin Rexson STAINS FRANCE		

KREMLIN REXSON STAINS FRANCE	Name and address of the manufacturer
TYPE xx	Pump model
 II 2 G	II : group II 2 : class 2 Surface equipment meant to area where explosive atmospheres due to gas, vapours, mists are liable to appear from time to time in usual operating G : gas
P prod : xx bar / xx psi	Maximum fluid pressure at the pump outlet
P air : 6 bar / 87 psi	Air supply maximum pressure of the pump motor
Serie / Serial	Number given by KREMLIN REXSON. The two first numbers indicate the manufacturing year.

INSTALLATION INSTRUCTIONS



Ind.	Description
A	Explosive area area 1 (Z1) or area 2 (Z2) : spray booth
B	Non explosive area

Ind.	Description
1	Pump
2	Spray gun



The 1 m / 39.37" distance indicated in these diagrams is given for information purposes only and hold harmless to KREMLIN REXSON. The user is responsible for the extraction and conditioning of the painting area where the equipment is used, for working conditions conditions (refer to EN 60079-10 standard). The 1 m / 39.37" distance may be modified if trials carried out by the user deem this necessary.



NB: Choose the appropriate pump to ensure that the working pressure supplied is suitable for the selected gun.

Please use a conductive air hose (minimum internal diameter : 7mm), for connecting the gun to the air regulator (capable of supplying at least 3 bar / 44 psi.).

Please ensure when fitting the **high pressure** paint hose, between the gun and the pump. That the fittings are firmly tightened.

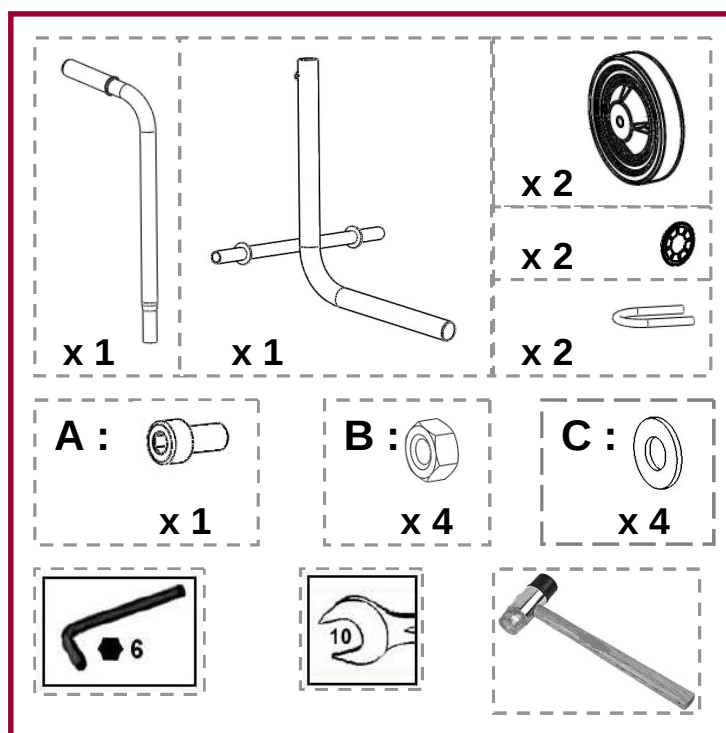
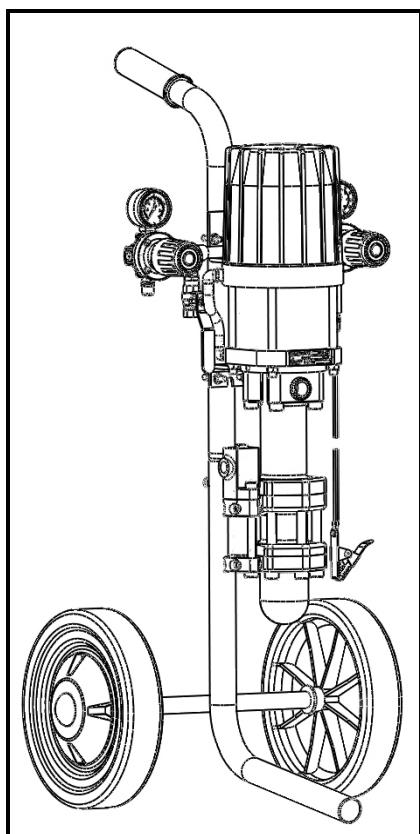


NB : In some particular cases, if the air hose (4) is a non-conductive hose, the fluid hose (3) must be conductive.

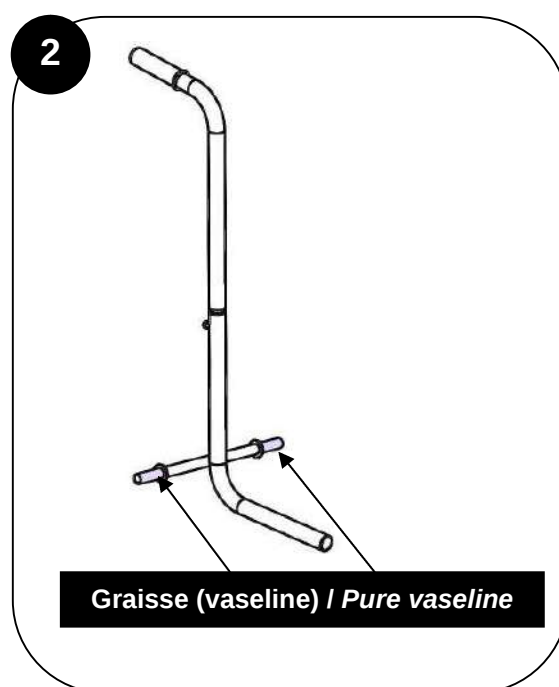
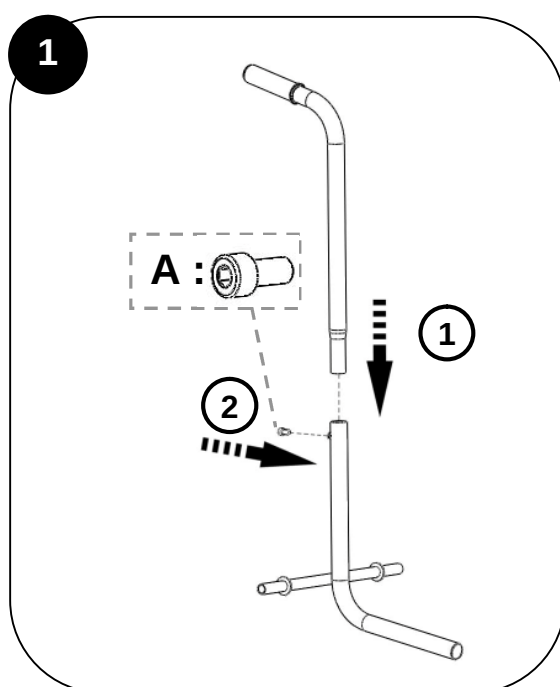
One of the 2 hoses (air or fluid) for the gun must be conductive.

ASSEMBLAGE ASSEMBLY

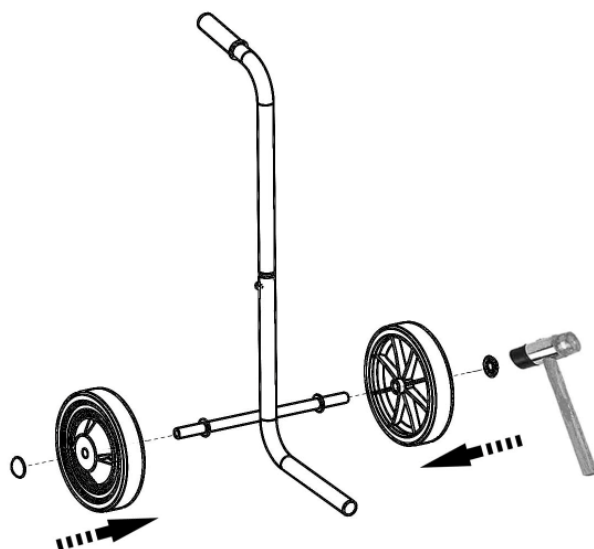
Chariot (1 bras) / Cart (1 arm)



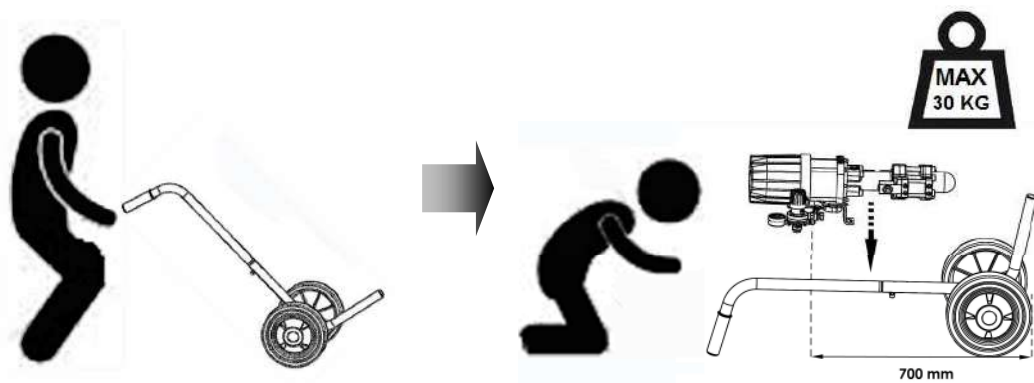
Poids chariot / Cart weight : 5 kg / 11 lbs



3



4



5

