



HIGH-PRESSURE AIRLESS SPRAY EQUIPMENT

INDUSTRIAL FINISHING &
PROTECTIVE COATING



SUPER-NOVA AIRLESS PUMPS

High-pressure, high-performance pumps for Airless spraying and protective coatings applications.

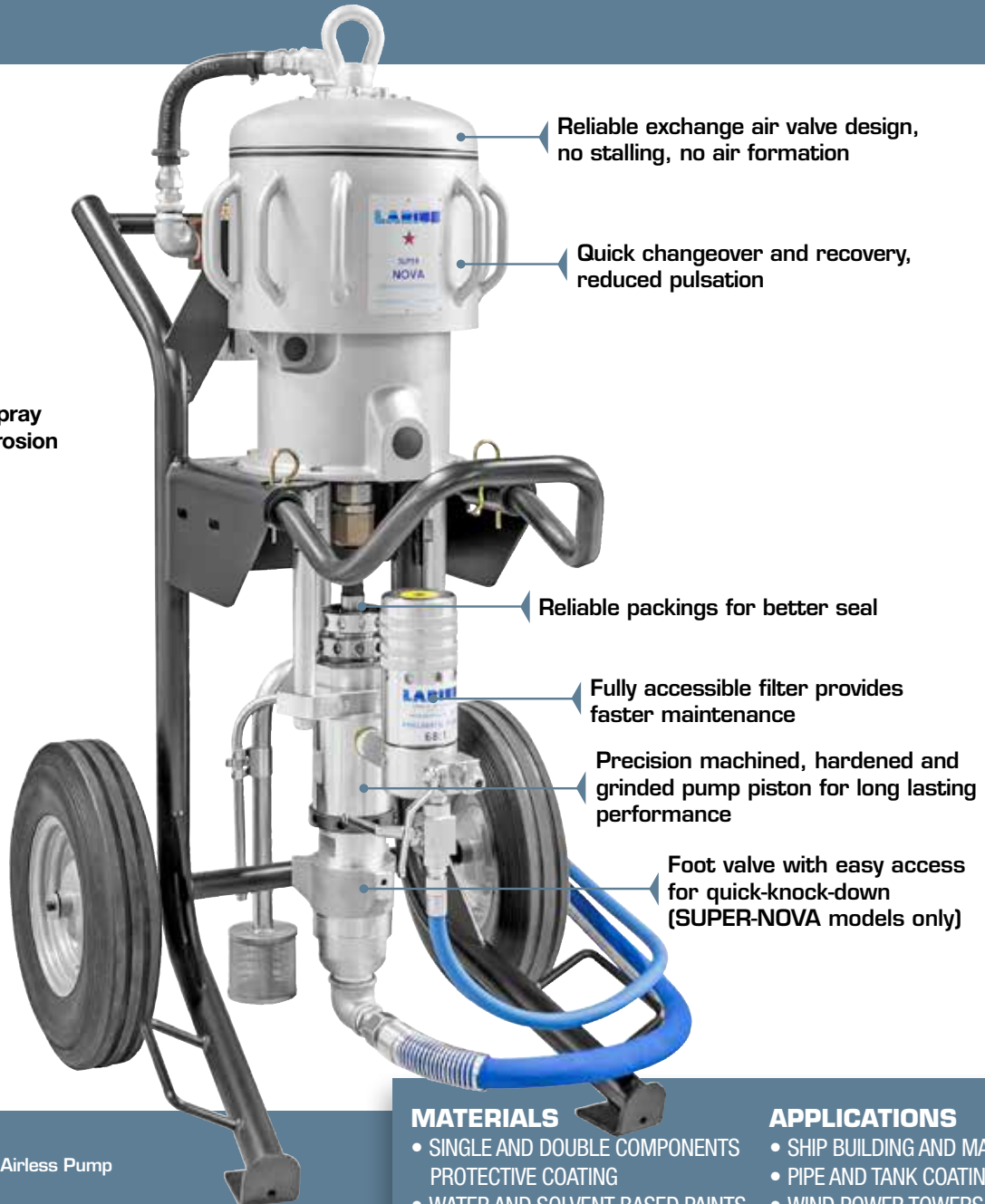
Pumps include a well proven, reliable exchange air valve that provides a quick changeover reducing pulsation. Air motor design assures a highly efficient cold dissipation for no icing, no stalling operation even with long pump runs.

Precision machined components with tight manufacturing tolerances warranty a long lasting pump performance. Foot valve design allows quick-knock-down for easier and faster service.

Pumps are available with 80:1, 68:1 and 45:1 pressure ratios.

UTILIZATION

Products for Airless spray finishing and anti-corrosion protective coatings.



Reliable exchange air valve design, no stalling, no air formation

Quick changeover and recovery, reduced pulsation

Reliable packings for better seal

Fully accessible filter provides faster maintenance

Precision machined, hardened and grinded pump piston for long lasting performance

Foot valve with easy access for quick-knock-down (SUPER-NOVA models only)

SUPER-NOVA Airless Pump

MATERIALS

- SINGLE AND DOUBLE COMPONENTS PROTECTIVE COATING
- WATER AND SOLVENT BASED PAINTS
- EPOXY COATINGS
- HIGH SOLID PRODUCTS

APPLICATIONS

- SHIP BUILDING AND MARINE
- PIPE AND TANK COATING
- WIND POWER TOWERS
- BRIDGES AND STEEL FABRICATION
- CONSTRUCTION AND MINING MACHINERY
- OIL AND GAS
- RAIL ROAD
- ROOF COATING

HIGH PERFORMANCE AIRLESS PUMPS FOR PROTECTIVE COATING APPLICATIONS

LARIUS produces a wide range of high pressure equipment and accessories to get the job done with total efficiency in all working conditions with a fast maintenance. High delivery pumps allow simultaneous operation of multiple guns, increasing productivity.

- Homogeneous finishing
- Multi gun capabilities
- Capable to spray coatings with medium and high solids content.
- Improved sealing and strength
- Reduced pulsation
- Compact size allows you to spray in the smallest areas
- Long-lasting parts manufactured with the highest quality materials
- Field-proven and easy to maintain

NOVA AND SUPER-NOVA AIRLESS PUMPS

10" Effective air motor diameter

SUPER-NOVA AIRLESS PUMPS

SUPER-NOVA pumps include an easy knock-down foot valve for easiest maintenance.



NOVA AIRLESS PUMPS

Standard foot valve design.

TECHNICAL DATA

MODEL	NOVA - SUPER-NOVA 45:1	NOVA - SUPER-NOVA 68:1	SUPER-NOVA 80:1
MAX. DELIVERY	14 l/min	11 l/min	9 l/min
MAX AIR PRESSURE	7 bar - 100 psi	6,5 bar - 94 psi	6 bar - 87 psi
MAX FLUID PRESSURE	315 bar - 4568 psi	450 bar - 6525 psi	500 bar - 7250 psi
DELIVERY PER CYCLE	230 cc	180 cc	150 cc
AIR INLET	1" BSPP (F)	1" BSPP (F)	1" BSPP (F)
MATERIAL INLET	1" NPSM (M)	1" NPSM (M)	1" NPSM (M)
MATERIAL OUTLET	3/8" NPSM (M)	3/8" NPSM (M)	1/4" NPSM (M)
SOUND PRESSURE LEVEL	< 90 dB (A)	< 90 dB (A)	< 90 dB (A)
EFFECTIVE MOTOR DIAMETER	254 mm (10")	254 mm (10")	254 mm (10")
PUMP STROKE	120 mm (4 3/4")	120 mm (4 3/4")	120 mm (4 3/4")
SEALS MATERIALS	PTFE, Polyethylene	PTFE, Polyethylene	PTFE, Polyethylene
WEIGHT	112 kg	112 kg	112 kg

SUPER-NOVA AND NOVA AIRLESS PUMPS CODING SYSTEM

1 TYPE	2 MOTOR	3 RATIO FLOW	4 OPTIONS	5 MATERIALS
C = Kit on trolley, complete with in line filter and FRL group	N = NOVA S = SUPER-NOVA	45 = Lower 45:1 230 cc 68 = Lower 68:1 180 cc 80 = Lower 80:1 139 cc	0 = Pump on trolley, FRL group, suction system 1 = Pump on trolley, FRL group, suction system and spraying kit <i>The spraying kit includes : 15 m 3/8" hose with TL (NPSM) + M - M 3/8" - 1/4" NPSM fitting + 1,5 m 1/4" hose with TL (NPSM) + Airless gun L91X (NPSM) and SFC 23 - 40 Airless nozzle.</i>	S = Stainless steel C = Galvanized steel U = Stainless steel HD H = Carbon steel HD

HIGH PRESSURE AIRLESS PACKAGES



VEGA 34:1

3" Effective air motor diameter stainless steel version.



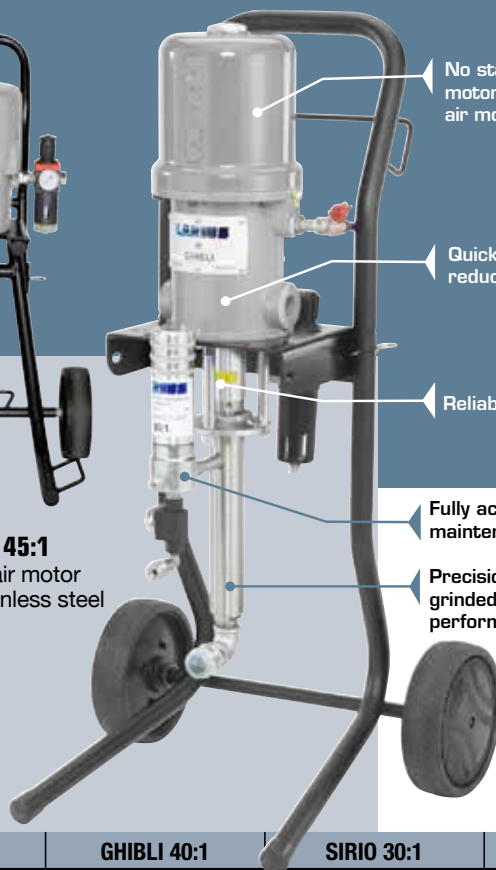
GHIBLI 30:1 - 40:1

4 1/4" Effective air motor diameter carbon steel - stainless steel versions.



SIRIO 30:1 - 45:1

6" Effective air motor diameter stainless steel version.



No stalling, no icing, air motor with 4 1/4" effective air motor piston diameter.

Quick changeover and recovery, reduced pulsation.

Reliable packings for better seal.

Fully accessible filter provides faster maintenance.

Precision machined, hardened and grinded pump piston for long lasting performance.

VEGA - GHIBLI - NOVA



SIRIO



TECHICAL DATA

MODEL	VEGA 34:1	GHIBLI 30:1	GHIBLI 40:1	SIRIO 30:1	SIRIO 45:1
MAX. DELIVERY	1,3 l/min	3,8 l/min	3 l/min	7,5 l/min	5 l/min
AIR INLET	3/8" BSPP (F)	3/8" BSPP (F)	3/8" BSPP (F)	3/4" BSPP (M)	3/4" BSPP (M)
MATERIAL INLET	M36X2 (M)	M36X2 (M)	M36X2 (M)	M36X2 (M)	M36X2 (M)
MATERIAL OUTLET	1/4" BSPP (M)	1/4" BSPP (M)	1/4" BSPP (M)	3/8" BSPP (M)	3/8" BSPP (M)
SOUND PRESSURE LEVEL	< 80 dB (A)	< 80 dB (A)	< 80 dB (A)	< 80 dB (A)	< 80 dB (A)
EFFECTIVE MOTOR DIAMETER	76 mm (3")	108 mm (4 1/4")	108 mm (4 1/4")	152 mm (6")	152 mm (6")
PUMP STROKE	76 mm (3")	102 mm (4")	102 mm (4")	102 mm (4")	102 mm (4")
SEALS MATERIALS	PTFE, Polyethylene	PTFE, Polyethylene	PTFE, Polyethylene	PTFE, Polyethylene	PTFE, Polyethylene
WEIGHT	16 kg	25 kg	25 kg	60 kg	60 kg

CHOOSE YOUR CONFIGURATION FOR A WIDE RANGE OF PROTECTIVE COATINGS PUMPS












- GHIBLI and VEGA trolley version pumps with air pressure regulator, filter and lubricator, suction hose with filter
- Models with spray gun include 7,5 m x 1/4" hose
- SIRIO models with spray gun include: 7,5 m x 3/8" hose + 1,5 m x 1/4" hose

MODEL	PART No.	RATIO	MAX. AIR PRESSURE	MAX. FLUID PRESSURE	DELIVERY PER CYCLE	LINE FILTER	HOSE	AT250 GUN	NOZZLE
GHIBLI AIRLESS CARBON STEEL SERIES	96000/1	30:1	7 bar -100 psi	210 bar - 3.045 psi	63 cc	96220/1	-	-	-
	K96120/1	30:1	7 bar -100 psi	210 bar - 3.045 psi	63 cc	96220/1	18022	11250	SFC 15-40
	96033/1	40:1	6,5 bar -94 psi	260 bar - 3.770 psi	50 cc	96220/1	-	-	-
	K96520/1	40:1	6,5 bar -94 psi	260 bar - 3.770 psi	50 cc	96220/1	18022	11250	SFC 15-40
GHIBLI AIRLESS STAINLESS STEEL SERIES	96058/1	30:1	7 bar - 100 psi	210 bar - 3.045 psi	63 cc	98388/1	-	-	-
	K96125/1	30:1	7 bar - 100 psi	210 bar - 3.045 psi	63 cc	98388/1	18022	11250	SFC 15-40
	96059/1	40:1	6,5 bar - 94 psi	260 bar - 3.770 psi	50 cc	98388/1	-	-	-
	K96525/1	40:1	6,5 bar - 94 psi	260 bar - 3.770 psi	50 cc	98388/1	18022	11250	SFC 15-40
VEGA AIRLESS STAINLESS STEEL SERIES	98138	34:1	7 bar -100 psi	238 bar - 3,451 psi	21 cc	98388/1	-	-	-
	K98138	34:1	7 bar -100 psi	238 bar - 3,451 psi	21 cc	98388/1	18022	11250	SFC 15-40
SIRIO AIRLESS STAINLESS STEEL SERIES	99008	30:1	7 bar -100 psi	210 bar - 3.045 psi	125 cc	99250/1	-	-	-
	K99008	30:1	7 bar -100 psi	210 bar - 3.045 psi	125 cc	99250/1	18019 + 18014	11250	SFC 21-40
	99009	45:1	7 bar -100 psi	310 bar - 4.500 psi	83 cc	99250/1	-	-	-
	K99009	45:1	7 bar -100 psi	310 bar - 4.500 psi	83 cc	99250/1	18019 + 18014	11131	SFC 19-40

SIRIO 45:1 includes L91X Airless gun

PROFESSIONAL ACCESSORIES FOR YOUR SPRAYER BEST PERFORMANCES

ONE SPRAY-PACK FOR DIFFERENT AIRLESS APPLICATIONS

AIRLESS SPRAY GUNS	AIRLESS GUN EXTENSIONS	AIRLESS TIPS	HEATER	LINE FILTERS
<p>AT250 Manual Airless spray gun</p> <p>Part No. 11250 Max. operating pressure 250 bar. 1/4" Inlet swivel BSPP</p>  <p>L91X Manual Airless Spray Gun Max. operating pressure 500 bar</p> <p>Part No. 11131 1/4" Inlet swivel BSPP</p> <p>Part No. 11134 1/4" Inlet swivel NPSM</p>  <p> ATEX certified EX II 2 G Ex h IIB T6 Gb</p>	<p>PLA Airless pole gun Max. operating pressure 250 - 450 bar</p> <p>Lengths: 130 cm 180 cm 240 cm</p>  <p>Airless Spray Gun Extensions</p> <p>Lengths: 30 cm 40 cm 60 cm 80 cm 100 cm</p> 	<p>SFC AIRLESS TIP Sizes from 11 - 20 to 51 - 80</p>  <p>TSC AIRLESS TIP Sizes from 7 - 20 to 31 - 60</p>  <p>AIRLESS SPRAY NOZZLES ARE:</p> <ul style="list-style-type: none"> • Easy to clean, turn the nozzle and rinse • Manufactured in tungsten carbide • Stainless steel gasket 	<p>Part No. 6099</p> <ul style="list-style-type: none"> • Supply voltage 220 V • Maximum current absorbed 10 A • Power 2.200 W • Max. operating pressure 300 bar • Temperature adjustment field Amb. T. ÷ 90 °C • Max. operating temperature 90 °C • Flow capacity 60 l/h at 60 °C  <p> ATEX certified EX II 3 G nC IIB T3 Gc</p>	<p>NOVA LINE FILTERS Part No. 98300/1 Stainless steel line filter 3/8" NPSM Part No. 95200/1 Line filter 3/8" NPSM</p> <p>SUPER-NOVA LINE FILTERS Part No. 65021/1 Stainless steel line filter 3/8" NPSM Part No. 65022/1 Line filter 3/8" NPSM</p>  <p>GIBLI-VEGA LINE FILTERS Part No. 96220/1 Line filter 1/4" BSPP Part No. 98388/1 Stainless steel line filter 1/4" BSPP</p> 

CHOOSE THE BEST PERFORMING AIRLESS HOSE FOR YOUR PAINTING PROJECT

VEGA AIRLESS HOSES MAX. PRESSURE 228 bar / Ø 3/16" - FITTING 1/4"

- Part No. 18015, Length 5 m
- Part No. 18016, Length 7,5 m
- Part No. 18017, Length 10 m
- Part No. 18018, Length 15 m

VEGA - GHIBLI AIRLESS HOSES MAX. PRESSURE 228 bar / Ø 1/4" - FITTING 1/4"

- Part No. 18021, Length 5 m
- Part No. 18022, Length 7,5 m
- Part No. 18025, Length 10 m
- Part No. 18024, Length 15 m

SIRIO AIRLESS HOSES MAX. PRESSURE 400 BAR

- Part No. 18019, Ø 1/4" - 1/4" Length 1,5 m
- Part No. 18014, Ø 3/8" - 3/8" Length 7,5 m
- Part No. 18035, Ø 3/8" - 3/8" Length 10 m
- Part No. 18004, Ø 3/8" - 3/8" Length 15 m

SUPER - NOVA AND NOVA AIRLESS HOSES CODING SYSTEM

1	2	3	4	5
HOSE TYPE	MAX. WORKING PRESSURE	Ø HOSE	HOSE LENGTH	FITTING
HS = HP hose	A = 250 bar H = 400 bar U = 700 bar	25 = 1/4" 38 = 3/8" 50 = 1/2"	05 = 1,5 m 25 = 7,5 m 30 = 10 m 50 = 15 m 60 = 20 m 75 = 25 m 90 = 30 m	1 = Galvanized steel - BSPP fitting 2 = Stainless steel - BSPP fitting 3 = Galvanized steel - NPSM fitting 4 = Stainless steel - NPSM fitting



Gravity tank 6 l with recirculation.
Part No. 94081 (VEGA - GHIBLI)



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