



HIGH-PRESSURE AIRLESS SPRAY EQUIPMENT

**INDUSTRIAL FINISHING
& PROTECTIVE COATING**



SUPER-NOVA AIRLESS PUMPS

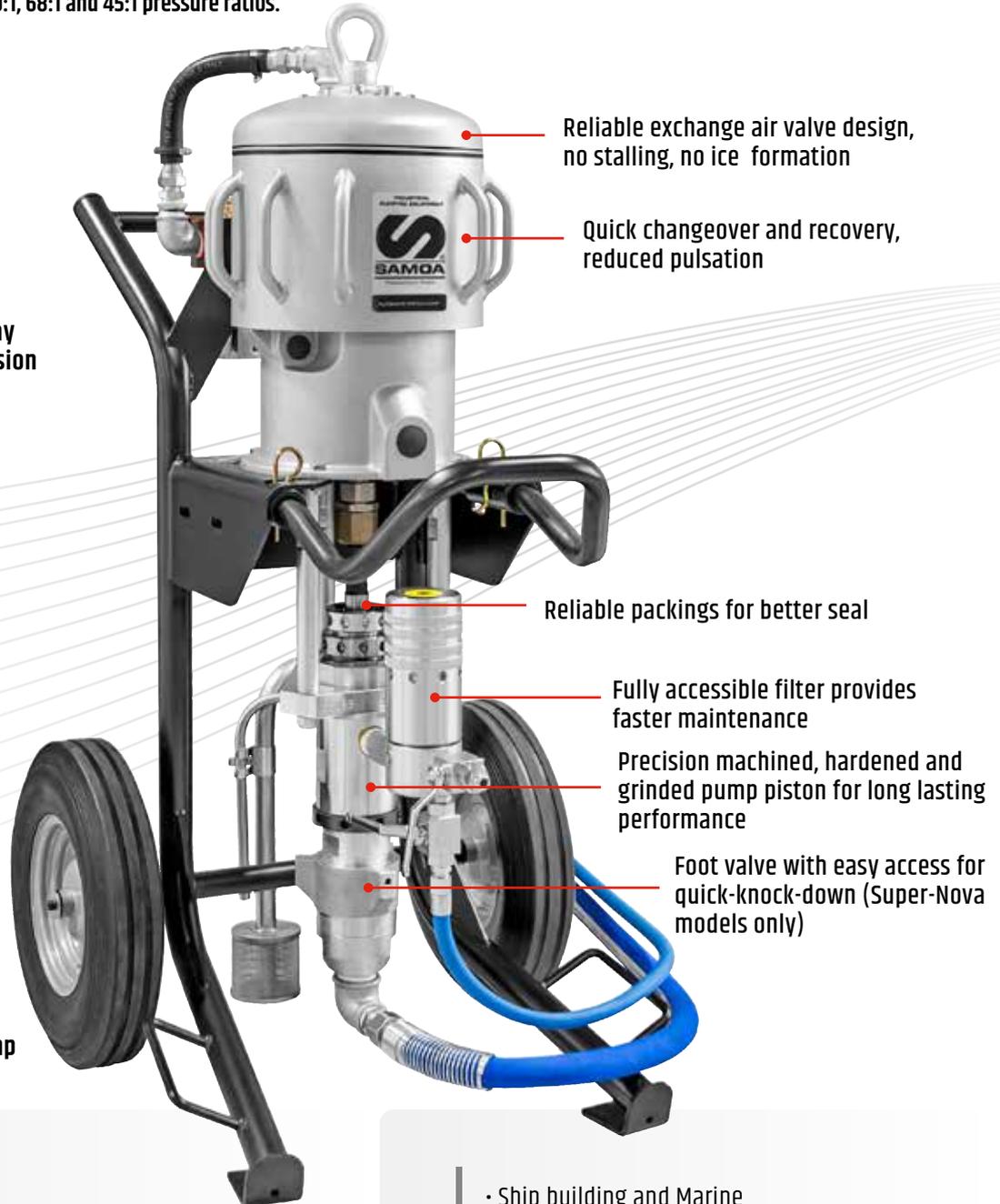
HIGH-PRESSURE, HIGH-PERFORMANCE PUMPS FOR AIRLESS SPRAYING AND PROTECTIVE COATINGS APPLICATIONS

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.

MARKETS

Products for Airless spray finishing and anti-corrosion protective coatings



Reliable exchange air valve design, no stalling, no ice 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

SAMOA 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 AIRLESS PUMPS
Standard foot valve design.



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.



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)	3/8" 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 / 130 kg	112 kg / 130 kg	130 kg

AVAILABLE VERSIONS OF SUPER-NOVA AND NOVA AIRLESS PUMPS

1	2	3	4	5
TYPE	MOTOR	RATIO FLOW	OPTIONS	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 inlet swivel + 1.5 m 1/4" hose with TL (NPSM) + Airless gun L91X (NPSM) and LASFC 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.



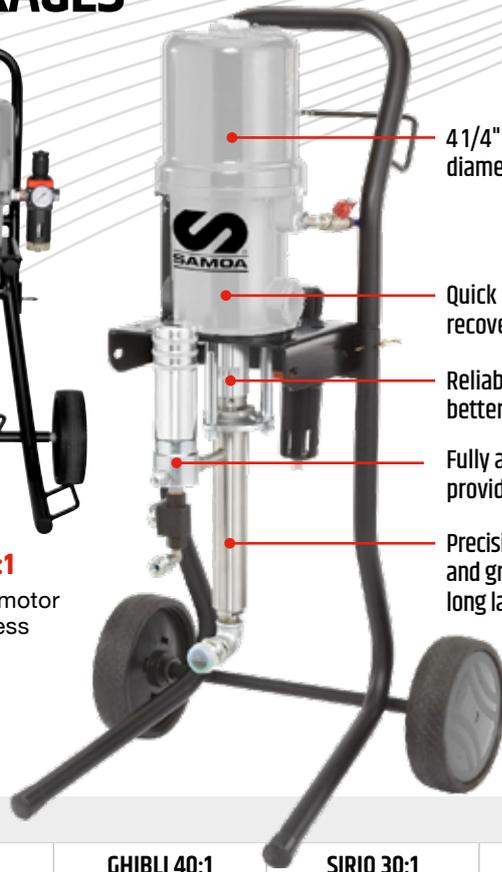
GHIBLI 30:1 - 40:1

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.



4 1/4" effective air motor 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



TECHNICAL 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)				
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)				
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				
WEIGHT	24 kg	30 kg	30 kg	67 kg	67 kg

CHOOSE YOUR CONFIGURATION FOR A WIDE RANGE OF PROTECTIVE COATINGS PUMPS

- Ghibli and Vega pumps versions with accessories included: 1/4" line filter, 1/4" -1/4" - 7,5 m hose, AT250 spray gun with LASFC 15-40 nozzle.
- Sirio 30:1 pump with accessories included: line filter, two sections hose 1/4"-1/4" - 1,5 m and 3/8"-3/8" - 7,5 m, AT250 spray gun with LASFC 21-40 nozzle.
- Sirio 45:1 pump with accessories included: line filter, two sections hose 1/4"-1/4" - 1,5 m and 3/8"-3/8" - 7,5 m, L91X spray gun with LASFC 19-40 nozzle.

MODEL	PART NO.	RATIO	MAX. AIR PRESSURE	MAX. FLUID PRESSURE	DELIVERY PER CYCLE	LINE FILTER	HOSE	AT250 GUN	NOZZLE
GHIBLI AIRLESS CARBON STEEL SERIES	LA96000/1	30:1	7 bar - 100 psi	210 bar - 3.045 psi	63 cc	LA96220/1	-	-	-
	LAK96120/1	30:1	7 bar - 100 psi	210 bar - 3.045 psi	63 cc	LA96220/1	LA18022	LA11255	LASFC15-40
	LA96033/1	40:1	6,5 bar - 94 psi	260 bar - 3.770 psi	50 cc	LA96220/1	-	-	-
GHIBLI AIRLESS STAINLESS STEEL SERIES	LAK96520/1	40:1	6,5 bar - 94 psi	260 bar - 3.770 psi	50 cc	LA96220/1	LA18022	LA11255	LASFC15-40
	LA96058/1	30:1	7 bar - 100 psi	210 bar - 3.045 psi	63 cc	LA98388/1	-	-	-
	LAK96125/1	30:1	7 bar - 100 psi	210 bar - 3.045 psi	63 cc	LA98388/1	LA18022	LA11255	LASFC15-40
VEGA AIRLESS STAINLESS STEEL SERIES	LA96059/1	40:1	6,5 bar - 94 psi	260 bar - 3.770 psi	50 cc	LA98388/1	-	-	-
	LAK96525/1	40:1	6,5 bar - 94 psi	260 bar - 3.770 psi	50 cc	LA98388/1	LA18022	LA11255	LASFC15-40
	LA98138	34:1	7 bar - 100 psi	238 bar - 3,451 psi	21 cc	LA98388/1	-	-	-
SIRIO AIRLESS STAINLESS STEEL SERIES	LAK98138	34:1	7 bar - 100 psi	238 bar - 3,451 psi	21 cc	LA98388/1	LA18022	LA11255	LASFC15-40
	LA99001	30:1	7 bar - 100 psi	210 bar - 3.045 psi	125 cc	LA99250/1	-	-	-
	LAK99008	30:1	7 bar - 100 psi	210 bar - 3.045 psi	125 cc	LA99250/1	LA18019+LA18014	LA11250	LASFC 21-40
	LA99003	45:1	7 bar - 100 psi	310 bar - 4.500 psi	83 cc	LA99250/1	-	-	-
	LAK99009	45:1	7 bar - 100 psi	310 bar - 4.500 psi	83 cc	LA99250/1	LA18019+LA18014	LA11131	LASFC 19-40

PROFESSIONAL ACCESSORIES FOR A BETTER EQUIPMENT PERFORMANCE

ONE SPRAY-PACK FOR DIFFERENT AIRLESS APPLICATIONS

AIRLESS SPRAY GUNS	AIRLESS GUN EXTENSIONS	AIRLESS TIPS	HEATER	LINE FILTERS
<p>AT250 Manual airless spray gun Max. operating pressure 250 bar Part No. LA11250 1/4" BSPP (M) inlet swivel Part No. LA11255 1/4" NPSM (M) inlet swivel</p>  <p>L91X Manual airless Spray Gun Max. operating pressure 500 bar Part No. LA11131 1/4" BSPP (M) inlet swivel Part No. LA11134 1/4" NPSM (M) inlet swivel</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 Lengths: 130 cm 180 cm 240 cm</p>  <p>Airless Spray Gun Extensions Lengths: 30 cm 40 cm 60 cm 80 cm 100 cm</p> 	<p>SFC AIRLESS TIPS Sizes from 11 - 20 to 51 - 80</p>  <p>TSC AIRLESS TIPS Sizes from 7 - 10 to 31 - 60</p>  <p>Airless spray nozzles are: • Easy to clean, turn the nozzle and rinse • Manufactured in tungsten carbide • Stainless steel gasket</p>	<p>Part No. LA6099 • Supply voltage 220 V • Maximum current absorbed 10 A • Power 2.200 W • Max. operating pressure 300 bar • Max. operating temperature 90 °C • Flow capacity 60 l/h at 60 °C</p>  <p>Part No. LA2003340 Conversion kit from NPSM connection to metric connection Included: - from 1" NPSM to M36X2 (Suction) - from 1/2" NPSM to M20X2 (Recirculation) - from 3/8" NPSM to M16X1,5 (Delivery)</p>	<p>NOVA LINE FILTERS Part No. LA98300/1 Stainless steel line filter 3/8" NPSM (M) Part No. LA95200/1 Line filter 3/8" NPSM (M)</p> <p>SUPER-NOVA LINE FILTERS Part No. LA65021/1 Stainless steel line filter 3/8" NPSM (M) Part No. LA65022/1 Line filter 3/8" NPSM (M)</p>  <p>GHIBLI-VEGA LINE FILTERS Part No. LA96220/1 Line filter + recirculation 1/4" BSPP (M) Part No. LA98388/1 Stainless steel line filter + recirculation 1/4" BSPP (M)</p> 

CHOOSE THE BEST PERFORMING AIRLESS HOSES FOR YOUR PAINTING PROJECT

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

Part No. LA18015, Length 5 m
Part No. LA18016, Length 7,5 m
Part No. LA18017, Length 10 m
Part No. LA18018, Length 15 m

VEGA - GHIBLI AIRLESS HOSES MAX. PRESSURE 228 bar - Ø 1/4" - 1/4" BSPP INLET SWIVEL

Part No. LA18021, Length 5 m
Part No. LA18022, Length 7,5 m
Part No. LA18025, Length 10 m
Part No. LA18024, Length 15 m

SIRIO AIRLESS HOSES MAX. PRESSURE 400 BAR

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



Gravity tank 6 l with recirculation.
Part No. LA94081 (Vega - Ghibli)

AVAILABLE VERSIONS OF SUPER-NOVA AND NOVA AIRLESS HOSES

1	2	3	4	5
HOSE TYPE	MAX. WORKING PRESSURE	Ø HOSE	HOSE LENGTH	INLET SWIVEL
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 inlet swivel 2= Stainless steel - BSPP inlet swivel 3= Galvanized steel - NPSM inlet swivel 4= Stainless steel - NPSM inlet swivel



SAMOA INDUSTRIAL, S.A. - HEADQUARTERS

SPAIN AND EXPORT MARKETS
POL. IND. PORCEYO, 1-14 - CAMINO DEL FONTÁN, 831
E-33392 GIJÓN (ASTURIAS), SPAIN
TEL.: +34 985 381 488 - FAX: + 34 985 147 213

SAMOA ITALY - LARIUS

ITALY
VIA ANTONIO STOPPANI, 21
23801 CALOLZIOCORTE (LC) ITALY
Tel.: +39 0341 621152 - Fax: + 39 0341 621242
www.larius.com

SAMOA LTD.

UNITED KINGDOM AND REP. OF IRELAND
ASTURIAS HOUSE - BARRS FOLD ROAD
WINGATES INDUSTRIAL PARK
WESTHOUGHTON, BL5 3XP, UK
TEL.: +44 1942 850600 - FAX: +44 1942 812160

SAMOA S.A.R.L.

FRANCE
P.A.E.I. DU GIESSEN
3, RUE DE BRISCHBACH
67750 SCHERWILLER, FRANCE
TEL.: +33 3 88 82 79 62 - FAX: +33 3 88 82 77 88

SAMOA FLOWTECH GMBH

GERMANY, AUSTRIA, SWITZERLAND, THE NETHERLANDS AND GREECE
AM OBEREICHHOLZ 4
D - 97828 MARKTHEIDENFELD, GERMANY
TEL.: +49 9391 9826 0 - FAX: +49 9391 98 26 50

SAMOA CORPORATION

USA AND CANADA
90 MONTICELLO ROAD
WEAVERVILLE, NC 28787, USA
TEL. +1 (828) 645-2290 - FAX: +1 (828) 658 0840

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