



WARM MELT SUPPLY SYSTEMS

**For warm melt
materials and temperature
conditioning applications**



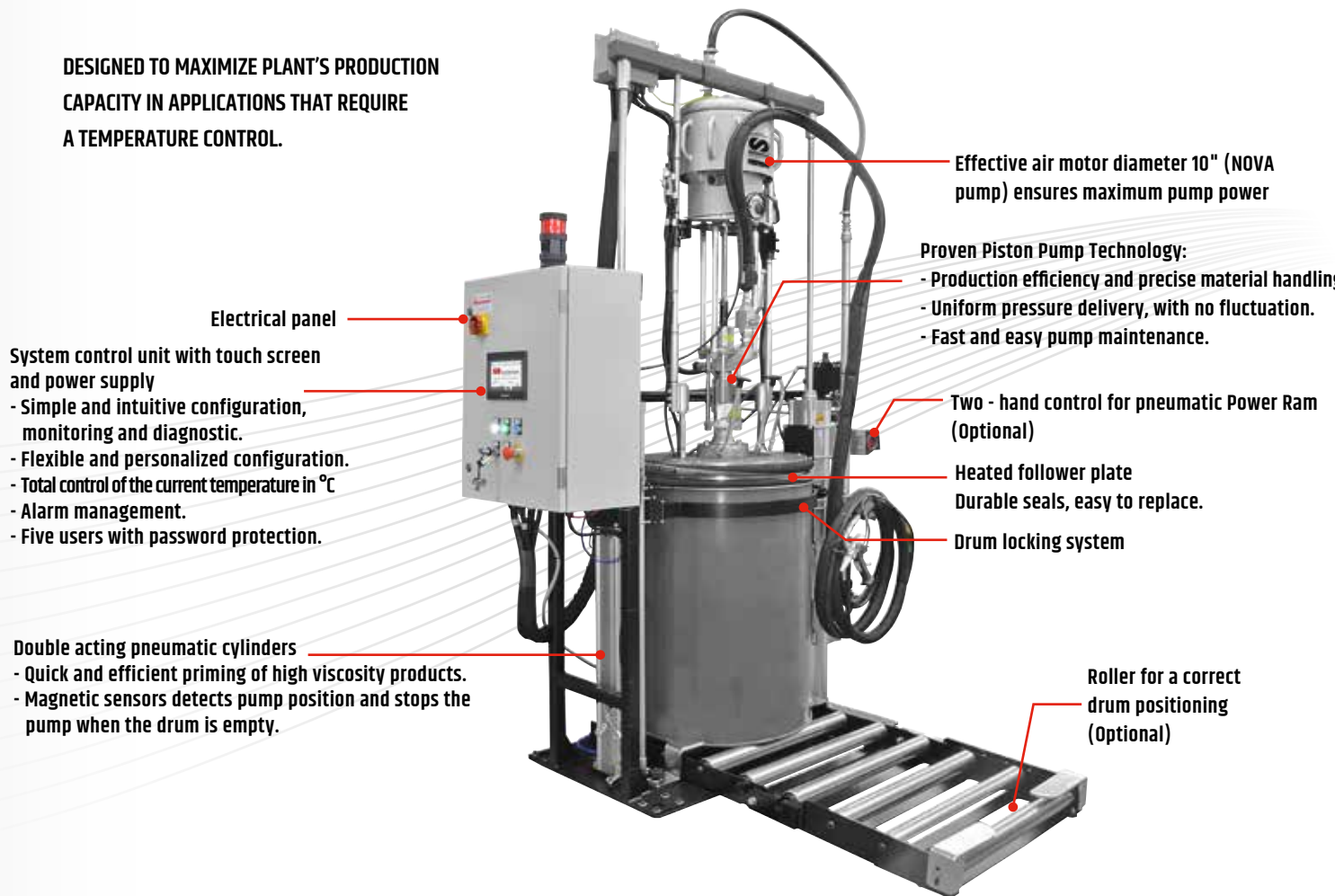
PROFESSIONAL EXTRUSION WARM MELT SUPPLY SYSTEMS

Warm melt extrusion systems, with reliable performance for all applications that require a constant monitoring of product heating to preserve its chemical characteristics.

- Max. operating temperature 90 °C
- Max. delivery 12 l/min
- Direct suction from 30 l - 200 l drums
- Quick container change over
- No overheated material
- Less product waste
- Easy to integrate in all manufacturing lines
- Long and reliable product life
- User friendly
- Easy maintenance

HIGH PERFORMANCE EXTRUSION WARM MELT SUPPLY SYSTEM

DESIGNED TO MAXIMIZE PLANT'S PRODUCTION CAPACITY IN APPLICATIONS THAT REQUIRE A TEMPERATURE CONTROL.



MATERIALS

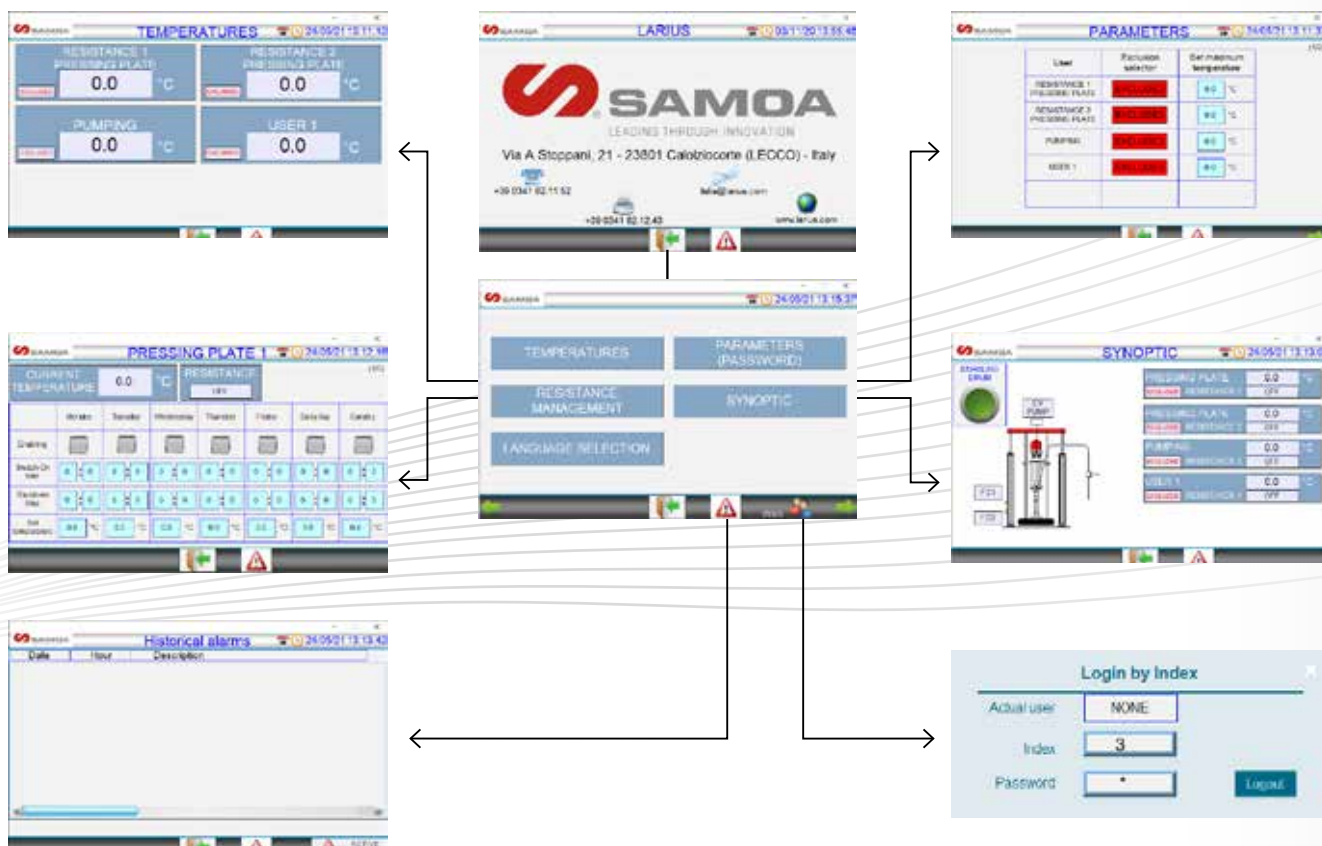
- Adhesives
- Silicones
- Sealants
- Glues
- Epoxies
- Prepreg resin mixes
- Paraffin
- High solid materials

TEMPERATURE CONDITIONING APPLICATIONS

- Automotive and Aerospace assembly
- Window and doors manufacturing
- Insulated glass supply
- Cable manufacturing
- Home and commercial appliance assembly
- Furniture assembly
- Tape and label manufacturing
- Solar panels construction
- Electronic manufacturing
- Advanced composites
- And more ...

TOUCH SCREEN PANEL

Temperature management improves the efficiency of high viscosity products processing.



TECHNICAL DATA

MODELS	GHIBLI 26:1	OMEGA 28:1	OMEGA 40:1	NOVA 55:1
Air inlet	1/2" BSPP (F)	3/4" BSPP (M)		
Max. pressure air inlet	3 - 8 bar 40 - 120 psi			3 - 7 bar 40 - 100 psi
Fluid outlet	1/2" BSPP (M)	1" BSPP (F)		
Max. fluid working pressure	208 bar 3.120 psi	224 bar 3.249 psi	320 bar 4.641 psi	380 bar 5.511 psi
Lower pump material	Carbon steel			
Plunger material	Stainless steel 420B			
Seals materials	PTFE + PE 1000			
Air motor diameter	Ø 4 1/4" - 110 mm	Ø 7" - 180 mm	Ø 7" - 180 mm	Ø 10" - 250 mm
Piston stroke	Ø 4" - 100 mm4 3/4" - 120 mm			
Max. operating temperature Pump - Follower plate	90 °C			
Max. operating temperature Hoses - Valves - Regulators	90 °C			
Max. power input (V)	4 Kw			
Delivery cycle	60 cc	200 cc	125 cc	200 cc
Delivery at 60 cycles per minute	3,6 l/min	12 l/min	7,5 l/min	12 l/min
Air motor sound	< 90 Db (A)			
Max. dimensions	1.500 x 1.500 x 3.000 (Max. high)			
Drum model	30 l - 200 l			
Follower plate	Double gasket Heating			
Seals material	EPDM			
Weight	420 kg	441 Kg	444 kg	450 kg

ORDERING INFORMATION

EXTRUSION WARM MELT SUPPLY SYSTEMS ARE AVAILABLE WITH DIFFERENT CONFIGURATIONS.

To choose the best system configuration it is important to consider:

- Extrusion nozzles sizes
- Control valves pressure and volume compatibility and their type (manual, automatic, robotic, jet)
- Material hoses pressure, volume and chemical compatibility
- Pump compatibility with the pumped product

WARM - MELT SYSTEMS CODING

Example: NOVA 55:1 warm melt system - Drum weight 200 kg - Two hand control - Roller

W - AA - BBB - C - D = W552002R

W	AA	BBB	C	D
WARM - MELT	RATIO 26 GHIBLI 26:1 - 60 cc 28 OMEGA 28:1 - 200 cc 40 OMEGA 40:1 - 125 cc 55 NOVA 55:1 - 200 cc	DRUM KG 200 - 200 kg 30A - 30 kg Double hose Ø 280 mm 30B - 30 kg Single lip	ONE OR TWO HAND CONTROL 1 One hand control 2 Two hands control	ROLLER 0 Without roller R Roller included

ACCESSORIES

PART NO.	DESCRIPTION
LA200121	Ram and pump air pressure booster + tank 24 l. Operative pressure 2 - 12 bar
LA200125	Ram air pressure booster. Operative pressure 2 - 12 bar
LA200124	Warm melt extrusion gun (Part No. LA15027 included)
LA15027	Articulated swivel 3/8" - 6 mm - 250 bar for extrusion gun
LA200105	Nozzle for warm melt applications. Gasket in contact with material in Nylon
LA200122	Ram 200 l palletized transport kit

HIGH PRESSURE HEATED HOSES - 90 °C

PART NO.	DESCRIPTION	MAX. OPERATIVE PRESSURE
LAWHA25051	1,5 m - 1/4" BSPP (F) - 1/4" BSPP (F)	310 bar
LAWHA25151	5 m - 1/4" BSPP (F) - 1/4" BSPP (F)	310 bar
LAWHA25251	7,5 m - 1/4" BSPP (F) - 1/4" BSPP (F)	310 bar
LAWHA38051	1,5 m - 3/8" BSPP (F) - 3/8" BSPP (F)	240 bar
LAWHA38151	5 m - 3/8" BSPP (F) - 3/8" BSPP (F)	240 bar
LAWHA38251	7,5 m - 3/8" BSPP (F) - 3/8" BSPP (F)	240 bar
LAWHA50051	1,5 m - 1/2" BSPP (F) - 1/2" BSPP (F)	345 bar
LAWHA50151	5 m - 1/2" BSPP (F) - 1/2" BSPP (F)	345 bar
LAWHA50251	7,5 m - 1/2" BSPP (F) - 1/2" BSPP (F)	345 bar

HEATED HOSES TEMPERATURE CONTROLLERS

PART NO.	DESCRIPTION
LAWTC40I	Integrated controller IP40
LAWTC40E	External controller IP40
LAWTC65E	External controller IP65
LAWTC65E-3	External controller IP65 - 3 users

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