



**YelmaSeal**

*Bridging the Quality Gap*

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Quality Gap*

*Version 1.20*

# About Us

Yelma Seal, a sister concern of Prime Seal Insulation General Trading LLC, Dubai, an ISO 9001:2015 certified organization, managed by professionals with several years of industry experience. We are the suppliers of Thermal insulation, sealing/coating, Anti-corrosion Materials, Machinery and specialty products for the Middle East, Africa and Asia.

We are founded by industry-experts whose contribution played a vital role in promoting Polyurethane Foam Insulation and Anti-Corrosion Technology in gulf region over the past three decades. We are managed by qualified engineers and marketing experts with extensive experience as "Solution providers" for Construction, Oil & Gas, Marine, Infrastructure, Thermal Insulation and Coating Industry for both public and private sector.



*Our vision is delivering happiness to customers, employees and vendors.*

## Our Success Stories

Zebeel Stable Swimming Pool (Dubai, UAE)

Golden Tulip (Comfort Inn Hotel) at Al Barsha, Dubai.

YasIsland Water Theme park at Ras Al Khaimah.

Dubai Floating Bridge Project.

Carrefour Car Parking/ Basement Project at Dubai.

Marine Buoys for Oil & Gas, Marine Application at Abu Dhabi- Polyurea.

Roof waterproofing works at D.I.P, Dubai.

Proposed G+1 School at Ajman (Area: 3800m<sup>2</sup>).



# Our Products



**PU Foam Machines, USA & Spain**



**Polyurea Coating Machines, USA & Spain**



**Sandwich Panel Injection Machines, Italy**



**Polyurethane & Polyurea Chemicals, Germany**



**Handifoam products, USA**



**Anti corrosion tape and sealing products, UK**



**Water Pumps, Australia & France**



**Acrylic Coating Chemicals**



**Silicone Sealant, UAE**



**Geo Textile Materials, Saudi Arabia**





## Easy Spray Hydraulic | Hydraulic Proportioning Unit



### Technical Specifications - Recirculation

Maximum Output: 4 Kg/min 9 lb/min  
 Maximum Pressure: 175 Kg/cm<sup>2</sup> (17,2 Mpa) 2489 psi  
 Electrical Connection: 2 phases of 230 V / 1 phase of 400 V + neutral  
 Power consumption Con.1: 1,8 kW (motor)  
 Power consumption Con.2: 3,6 kW (heaters)  
 Consumption Connection 1: 12 A  
 Consumption Connection 2: 16 A  
 Standard hose: 11 m (recirculation)  
 Weight: 165 Kg (without oil) 363 lb  
 Dimensions: 1165 mm x 605 mm x 744 mm

### Technical Specifications - Hose heating 230 V

Power consumption Con.1: 3,3 kW (1,8 kW motor + 1,5 kW hoses)  
 Power consumption Con.2: 3,6 kW (heaters)  
 Consumption Connection 1: 16 A  
 Consumption Connection 2: 16 A  
 Maximum hose length: 15m (heating)

### Technical Specifications - Hose heating with transformer

Power consumption Con.1: 1,8 kW (motor)  
 Power consumption Con.2: 3,6 kW (heaters)  
 Power consumption Con.3: 2 kW (hoses transformer)  
 Consumption Connection 1: 12 A  
 Consumption Connection 2: 16 A  
 Consumption Connection 3: 10 A  
 Maximum hose length: 48 m (heating transformer)



## Evolution G-30H | Hydraulic Proportioning Unit

### Technical specifications

Max. Output (with pumps 1.2): 11 Kg/min  
 Max. Output (with pumps 0.8): 7 Kg/min

Max. Pressure (with pumps 1.2): 140 kgf/cm<sup>2</sup> (13,7 MPa)  
 Max. Pressure (with pumps 0.8): 240 kgf/cm<sup>2</sup> (23,5 MPa)

Heating Power: 12 Kw  
 Hose Heating Power: 3 Kw  
 Electrical: 35 amps 3x400V 50/60 Hz 60.5 amps 3x230V 50/60 Hz  
 Weight: 272 kg

## Evolution G-50H -Monobloc Pumps | Hydraulic Proportioning Unit



### Technical specifications

Maximum Output: 20 kg/min  
 Max. Rated Pressure: 140 kgf/cm<sup>2</sup> (13,7 MPa)  
 Heating Power: 18 Kw  
 Hose Heating Power: 4 Kw  
 Electrical: 55 amps 3x400V 50/60Hz  
 93,5 amps 3x230V 50/60Hz  
 Weight: 282 kg  
 Dimensions: 1200 mm x 900 mm x 700 mm

## GA-200 | Hydraulic Airless Technology

### Technical specifications

	Gasoline GA-200G	Electric GA-200E
Max. Output:	6,4 l/min	5,7 l/min
Max. Working Pressure:	228 bar	228 bar
Max. Size Filter:	1 Gun - 0.043"	1 Gun - 0.036"
	2 Guns - 0.033"	2 Guns - 0.026"
Engine:	Petrol 5,5 HP	3 HP (220 V - 50 Hz)
Weight:	72 Kg	66 Kg
Dimensions:	84 cm x 120 cm x 108cm	84 cm x 120 cm x 108 cm







## PH-2 2000 psi (138 bar) – Ideal for Residential Foam Insulation Applications



Output	28 lbs/min (12.70 kg/min)
Max Working Pressure	2,000 psi (138 bar)
Max Hose Length	210 ft (64 m) w/70V Trans 310 ft (94.5 m) w/90V Trans 410 ft (121.9 m) w/120V Trans
Heater Wattage	7,500 watts Total (Single htr) 9,000 watts Total (Single htr) 10,500 watts Total (Single htr) 14,000 watts Total (Single htr)
Hose Heating Power	70 Volt, 90 Volt or 120 Volt
Max Fluid Temperature	190 °F (87.7 °C)
Air Consumption @ 100 psi (6.9 bar)	Not Applicable
Main Voltage	1 x 208-230V, 60 Hz
Electrical @ 230V Single Phase	66A-7,500W heaters 73A-9,000W heaters 79A-10,500W heaters 94A-14,000W heaters
Main Voltage	3 x 208-230V, 50/60 Hz, 3 x 380V, 50/60 Hz
Electrical @ 230V Three Phase	39A-7,500W heaters 43A-9,000W heaters 47A-10,500W heaters 69A-14,000W heaters
Dimensions	44" w x 22" d x 54" h (111 cm x 55 cm x 137 cm)
Weight	415 lbs (188 kg)



## PH-55 2500 psi (138 bar)



Output	55 lbs/min (24.95 kg/min)
Max Working Pressure	2500 psi (172.37 bar)
Max Hose Length	410 ft (121.9 m)
Heater Wattage	21,000 watts (Total)
Hose Heating Power	120 volts
Max Fluid Temperature	190 °F (87.7 °C)
Weight (w/o Hydraulic Fluid)	655 lbs (297.1 kg)
Electrical @ 21KW Heaters	95 amps @ 3 x 230V
Dimensions	40" w x 53.5" h x 26" d (101.6cm x 135.9cm x 66cm)

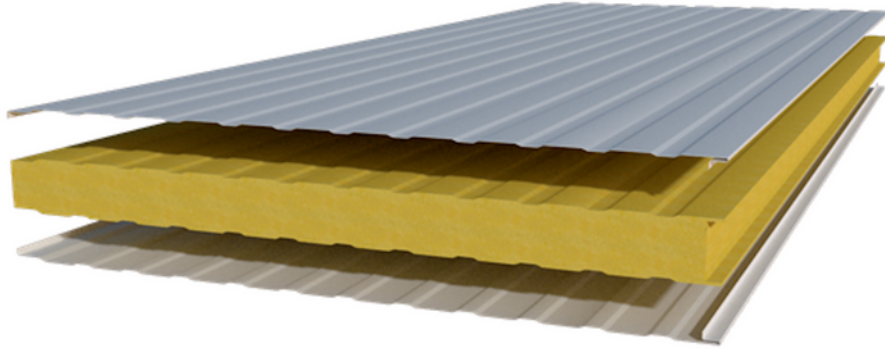
## PH-40 2000 psi (138 bar) – Ideal for use in High Output Roofing Applications

Output	40 lbs/min (18.14 kg/min)
Max Working Pressure	2,000 psi (138 bar)
Max Hose Length	410 ft (121.9 m)
Heater Wattage	15,000 watts Total (Dual htr) 18,000 watts Total (Dual htr) 21,000 watts Total (Dual htr)
Hose Heating Power	120 Volts
Max Fluid Temperature	190 F (87.7 C)
Air Consumption @ 100 psi (6.9 bar)	Not Applicable
Main Voltage	1 x 208-230V, 60 Hz
Electrical @ 230V Single Phase	116A-15,000W heaters 129A-18,000W heaters 142A-21,000W heaters
Main Voltage	3 x 208-230V, 50/60 Hz, 3 x 380V, 50/60 Hz
Electrical @ 230V Three Phase	67A-15,000W heaters 75A-18,000W heaters 82A-21,000W heaters
Dimensions	40" w x 26" d x 52" h (101cm x 66cm x 132cm)
Weight	555 lbs (251.7 kg)



# SAIP Machine

Sandwich Panel

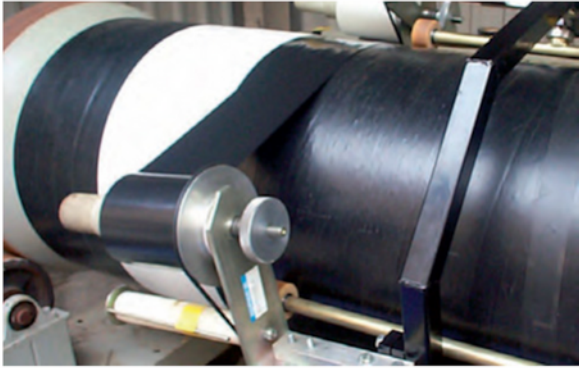


SAIP Injection Machine



# Other Products

Denso Tapping Machine



Denso Tape



Handi FOAM



Water Pumps



Spraying Gun





# Spare Parts





# Triton Products



**TRITOSIL GP+ Is A Multi-Purpose, Ready-To-Use Silicone Sealant Based On Acid Curing With A Very Good Adhesion To Many Surfaces. It Has Excellent UV And Weather Resistance.**

#### **Application:**

**TRITOSIL GP+ Is Suitable For Top Sealing In Glazing Systems, And Connecting Joints In Buildings. It Can Be Used To Seal Assemblies Of Glass, Glazed Surfaces, Porcelain Coated Metals, Epoxy, Aluminium And Finished Wood.**



#### **General Purpose Silicone Sealant.**

**Top Sealing In Glazing Systems, Connecting Joints In Buildings. Also For Kitchens And Bathrooms.**



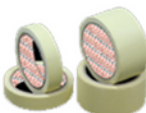
**TRITOSIL G50 is a neutral curing one component silicone sealant that has excellent weather, ageing and UV resistance properties and is specially developed for the sealing of joints on insulating glass units, automobile glass, wood-glass composite units and roof glazing.**



**STRUCTURAL GLAZING TAPE for use as the spacer element between the insulated glass unit and the frame during structural glazing fabrication where the primary bond is silicone adhesive.**



**EASYTAPE AUTOMOTIVE High temperature resistant / Automotive masking tape available in Dark yellow colour Specially made for automotive painting applications.**



# Safety Products



**XS – aquasource® XS** is a standard water treatment system, using ultrafiltration membranes. It is a compact and autonomous solution, easy to integrate, treating up to 350 m3 per day per system, from surface, ground, sea or network water.



The **Spartan Floodlight** is designed specifically for Hazardous Environments which require high performance and reliability. The Emergency variant is rated to +55c and provides illumination for 2hrs in battery mode.



This **3 AA Dual-Light™ Multi-function Headlamp** is cETLus, ATEX, IECEx and MSHA listed Intrinsically Safe Permissible. The headlamp features a multi-position tilt head design, a rear-mounted battery compartment and includes both an elastic head strap with a non-slip lining and a heavy-duty rubber strap for use with hard hats. The top mounted dual switches provide spotlight, full-power white floodlight, half-power white floodlight and red floodlight operation. Power comes from 3 AA batteries (included).



## Our Suppliers



**POLYURETHANE  
MACHINERY  
CORPORATION**

**BASF**  
We create chemistry



**SFA**

**MatteX**  
Carpet Backing Systems



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