

Elcometer TYPHOON Airless Pump



Designed to be hard-wearing and easy to maintain, with low servicing costs, the Elcometer Typhoon Airless Pump is efficient, powerful and reliable. Ideal for metal fabricators applying shop primer, epoxy and other protective coatings, the 32:1 ratio Elcometer Typhoon is an affordable airless pump with an excellent cost of ownership.

- **Efficient performance**
Engineered for high product output yet low air consumption - 1.03cfm, the Elcometer Typhoon helps to lower expensive compressor running costs and improve performance.
- **User friendly**
With minimal working parts to replace, the tough stainless steel and aluminium construction of the Elcometer Riga provides long-lasting durability with minimal maintenance, even for highly demanding materials.
- **Easy to maintain**
Designed with easy access high pressure dump valve, wet cup and lower- serviceable with standard workshop tools the Elcometer Typhoon is fast and easy to maintain.
- **Versatile**
Choice of suction hose or product tank, suitable for applying primers, epoxy and other protective coatings.

Key features

1. Low air consumption 1.03cfm and low maintenance air motor.
2. Protective air motor housing made from high grade polymer.
3. Anti-pulse chamber, compatible with waterborne & solvent based products, with stainless steel 80 mesh filter prevents tip blockages and ensures smooth spraying.
4. Rugged, long-lasting pump with tungsten carbide and stainless-steel ball and seats.
5. Easily accessible high pressure dump valve ensures fast material change over and easy pump cleaning.
6. 360° movable inlet fitting for easy access to paint drum.
7. Fluid and air regulator for consistent control of fluid & air pressure.
8. Floor locking plates for static use.
9. Ease of manual handling, less than 11.8kg wall mounted or only 24kg complete with trolley and suction hose or hopper options.
10. Easy to access wet cup for monitoring throat seal lubricant.



The Elcometer TYPHOON is suitable for use with...

The Elcometer TYPHOON is suitable for use with Solvent Based and Water Based materials as well as a wide range of products.

Product		
1K Epoxy Coats	Shop Primer Coats	Inorganic Zinc Primers
100% Volume Solid Epoxy Coatings	Anti-Fouling Marine Coatings	Solvent Based Epoxy Coatings
Solvent Based 1K Polyurethane Coatings	Solvent Based 2K (pot life 1 hour and above)	Flame retardant barrier coats (Class B)

Upgrade to Elcometer TYPHOON Packages

The Elcometer Typhoon Pump is available as a complete kit with the Sagola 500 PSAM Airless Spray Gun with reversible tip spray guard and product hose kit.



Elcometer TYPHOON Pumps

The Elcometer Typhoon pump can be wall or trolley mounted supplied with a fluid regulator and suction hose as standard. Hoppers can be purchased separately.



Air and Product Hose

5m Product Hose for airless painting systems.



High Pressure Airless Spray Gun

Available with a range of high-pressure airless spray guns with reversible tip spray guards.

Technical Specifications

Elcometer Typhoon	
Ratio	32 : 1
Maximum fluid particle size**	0.25mm
Fluid temperature range	4.4 - 60°C
Fluid inlet size	1/2" BSP Male
Fluid outlet size	1/4" BSP Male
Compatible Products that can be pumped	Solvent and water-based products
Seats	Polymide
Balls	Stainless Steel
Pump Body / Cylinder Housing	Aluminium
Centre Section	Hard Chrome Stainless Steel
Packing Kit (Top)	Polymide
Packing Kit (Bottom)	Polymide -
Pump Body / Cylinder Housing	Aluminium
Air Pressure Operating Range	1-7bar
Air Consumption at 100bar & 5.7 CPM	29.3lpm
Maximum Air Inlet Pressure	7bar
Air Inlet	1/4" BSP Female
Air Exhaust / Silencer Port	1/4" BSP Female
Compressor Requirements (Minimum)	29.3lpm
Ambient Air Temperature Operating Range	10 - 60°C
Maximum Fluid Outlet Working Pressure	226bar
Stroke Length	60mm
Maximum Spray Tip Size	0.45m
Product Output per Cycle	45 cc

Free Flow Delivery @ 60 CPM*	2.7 lpm
Weight (Pump only)	8.7kg
Weight (Wall Mount with Suction Hose)	11.8kg
Weight (Cart Mount with Suction Hose)	23kg
Weight (Wall Mount with Hopper)	11.9kg
Weight (Cart Mount with Hopper)	23.1kg
Dimensions (Cart Mount)	439 x 490 x 999mm
Dimensions (Wall Mount)	332 x 304 x 535mm

1. With suction hose or deposit and pump output filter.
2. Product Output per Cycle = Fluid Displacement per Cycle
3. Maximum values with water as test media.

Package Selector

Part Number	Pump Configuration						Spray Gun	
	Wall Mount	Trolley & Wall Mount	Suction Hose	Hopper Fed	5.0m Air & Product Hose ¹	Anti-pulse chamber	Sagola PSAM 104 Airless Spray Gun with Reversible Tip Spray Guard*	Sagola PSAM 500 Airless Spray Gun with Reversible Tip Spray Guard*

Typhoon 32

TY32-PS104		■	■	■	■	■	■	
TY32-PS500		■	■	■	■	■		■

1 Product Hose for Airless Painting Systems ID: 6mm x OD: 11.7mm with 1/4" Swivel Couplings. Various lengths available

* Reversible Tip not included, must be ordered separately.

Refer to the coating technical data sheet for information on the recommended airless swivel tip.

Part Numbers

Elcometer Typhoon Airless Pump



Part Number: PS32AL-T

Elcometer Typhoon Airless Pump - Sagola 104 PSAM Airless Spray Gun



Part Number: TY32-PS104

Elcometer Typhoon Airless Pump - Sagola 500 PSAM Airless Spray Gun



Part Number: TY32-PS500

Piston Seal Packing Oil; 500ml



Part Number: PT30090100

Accessories

Part Number	Description
54550016	Analogue Pressure Gauge 0 - 12bar
PT83660047	Suction Filter 1/2"
PT30090399	Hopper Kit & Product Filter
PT86463826	Airless Product Hose; 5m
PT86463827	Airless Product Hose; 10m
PT86463828	Airless Product Hose; 15m
PG30170109	Sagola 104 PSAM Airless Spray Gun with Reversible Tip Spray Guard
PG30170110	Sagola 107 PSAM Airless Spray Gun with Reversible Tip Spray Guard
PG30170111	Sagola 500 PSAM Airless Spray Gun with Reversible Tip Spray Guard
PT83660001	Hopper Product Filter: 40 Mesh
PT84760004	Hopper Product Filter Spring Clip
PT83660009	Anti-Pulsation System Filter: 100 Mesh
PT83660010	Anti-Pulsation System Filter: 60 Mesh
PT86465206	Suction Hose complete with Suction Hose Product Filter
PT84260099	Product Return Valve & Hose Replacement Kit
PT56413511	Anti-Pulsation System
PT56418545	Piston Cylinder Lower Packing Set
PT56418546	Piston Cylinder Upper Packing Set
PT56418474	Piston (Upper) Valve Kit
PT56418543	Suction (Lower) Valve Kit
PT54210278	Piston Cylinder Sealing Gasket
PT56418541	Air Motor Cylinder Piston Seal
PT56418651	Air Motor Packing Set