

ELCOMETER

TYPHOON

AIRLESS PUMP



elcometer®

Airless

ELCOMETER TYPHOON AIRLESS PUMP



RATIO

32:1

AL

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IP

COMPLIANCE:

ATEX  2 II GX

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.

Key Features



Low air consumption 1.03cfm (29.3lpm) and low maintenance air motor.

Protective air motor housing made from high grade polymer.

Anti-pulse chamber, compatible with waterborne & solvent based products, with stainless steel 80 mesh filter prevents tip blockages and ensures smooth spraying

Rugged, long lasting pump with tungsten carbide and stainless steel ball and seats

Easily accessible high pressure dump valve ensures fast material change over and easy pump cleaning.

360° movable inlet fitting for easy access to paint drum

Fluid and air regulator for consistent control of fluid & air pressure

Floor locking plates for static use



Ease of manual handling, less than 11.8kg (26lb) wall mounted or only 24kg (53lb) complete with trolley and suction hose or hopper options.

Easy to access wet cup for monitoring throat seal lubricant

Each pump is fitted onto a rugged & ergonomic trolley with built-in hose & gun rack, for easy movement around site.

Unbolt the bracket and pump from the trolley to wall mount.

Elcometer **TYPHOON** Key Features

Designed to be hard-wearing, easy to maintain with low servicing costs, the **Elcometer TYPHOON** airless pump is efficient, powerful and reliable.

IDEAL FOR USE WITH:

Material	
Solvent Based	▶
Water Based	▶
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)	▶

Efficient performance

Engineered for high product output yet low air consumption - 1.03cfm (29.3lpm), the Elcometer Typhoon helps to lower expensive compressor running costs and improve performance.

User friendly

Sturdy yet compact the Elcometer Typhoon is not only easy to manoeuvre around site, it has a 360° movable inlet fitting for easy access to the paint drum.

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.



Movable 360 inlet fitting for easy access to paint drum.



Durable design for the toughest environments.



Available with an optional hopper for easy filling.

TECHNICAL SPECIFICATION

	TYPHOON
Ratio	32 : 1
Maximum fluid particle size ¹	0.25mm (10mils)
Fluid temperature range	4.4 - 60°C (40 - 140°F)
Fluid inlet size	½" BSP Male
Fluid outlet size	¼" BSP Male
Compatible products that can be pumped	Solvent and waterbased products
COMPOSITION OF PARTS IN CONTACT WITH PRODUCT (WET)	
Seats	Polyamide
Balls	Stainless Steel
Pump Body / Cylinder Housing	Aluminium
Centre Section	Hard Chrome Stainless Steel
Packing Kit (Top)	Polyamide
Packing Kit (Bottom)	Polyamide
EXTERNAL PUMP PARTS (DRY)	
Pump Body / Cylinder Housing	Aluminium
AIR	
Air Pressure Operating Range	1-7bar (14-101psi)
Air Consumption at 100bar (1450psi) & 5.7 CPM	29.3lpm (1.03cfm)
Maximum Air Inlet Pressure	7bar (101psi)
Air Inlet	¼" BSP Female
Air Exhaust / Silencer Port	¼" BSP Female
Compressor Requirements (Minimum)	29.3lpm (1.03cfm)
Ambient Air Temperature Operating Range	-10 - 60°C (14 - 140°F)
FLUID / PRODUCT	
Maximum Fluid Outlet Working Pressure	226bar (3278psi)
Stroke Length	60mm (2.677")
Maximum Spray Tip Size	0.45m (0.018")
Product Output per Cycle ²	45 cc (1.54fl oz/min)
Free Flow Delivery @ 60 CPM ³	2.7lpm (90.7fl oz/min)
DIMENSIONS	
Weight (Pump only)	8.7kg (19.2lb)
Weight (Wall Mount with Suction Hose)	11.8kg (26lb)
Weight (Cart Mount with Suction Hose)	23kg (50.7lb)
Weight (Wall Mount with Hopper)	11.9kg (26.2lb)
Weight (Cart Mount with Hopper)	23.1kg (50.9lb)
Dimensions (Cart Mount)	439 x 490 x 999mm (17.3 x 19.3 x 39.3")
Dimensions (Wall Mount)	332 x 304 x 535mm (13.07 x 11.97 x 21.06")

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.

* **lpm:** Litres per minute **fl oz/min:** US Fluid ounces per minute **gpm:** US Gallons per minute **CPM:** Cycles per minute

Elcometer **TYPHOON** Part Numbers

PART NUMBERS		◀ Supplied as standard ◁ Optional extra			
Part Number	Description	Trolley Mount*	Product Hose	Suction Hose	Hopper
PS32AL-T	Elcometer Typhoon Airless Pump	◀	◀	◀	◁

PACKAGE SELECTOR		◀ Supplied as standard ◁ Optional extra						
Part Number	Pump Configuration						Spray Gun	
	Wall Mount Only	Trolley & Wall Mount	Suction Hose	Hopper Fed	5.0m (16.4ft) Product Hose ¹	Fluid Regulator	Sagola 104 PSAM Airless Spray Gun with Reversible Tip Spray Guard ²	Sagola 500 PSAM Airless Spray Gun with Reversible Tip Spray Guard ²
TYPHOON 32 Airless Pump								
TY32-PS104		◀	◀	◁	◀	◀	◀	
TY32-PS500		◀	◀	◁	◀	◀		◀



Airless Reversible Swivel Tip
Reversible Tip not included, must be ordered separately.



Reversible Spray Tip Spray Guard
Reversible Spray Tip Guard included as standard.



Product Hose for Airless Painting Systems
5m (16.4ft) Product Hose (ID: 6mm x OD: 11.75mm) with 1/4" Swivel Couplings supplied as standard.

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

2 Reversible Tip not included, must be ordered separately.

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

* Includes wall mount

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.



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.



5m (16.4ft) Product Hose for airless painting systems.



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

Designed for airless systems up to 500bar (7,252psi) the **Sagola 500 PSAM** offers fast, high product output with minimum overspray

- **Ideal for continuous use**
lightweight and comfortable for use over long periods
- **Robust and durable**
seats and closures manufactured in tungsten carbide
- **Easy to use**
incorporates a 1/4" revolving coupling and filter holder



Elcometer **TYPHOON** Accessories

Product Hopper Kit

5 Litre (1.32 US Gallon) gravity product tank and filter for use with Elcometer Baltic air assisted airless pumps.



Part Number	Description
PT30090399	Hopper Kit & Product Filter

Airless Product Hose

Product hose for airless systems.

ID: 6mm x OD: 11.75mm with 1/4" Swivel Couplings.



Part Number	Description
PT86463826	Airless Product Hose; 5m (16.4ft)
PT86463827	Airless Product Hose; 10m (32.8ft)
PT86463828	Airless Product Hose; 15m (49.2ft)

Sagola 104 PSAM

Sagola 104 PSAM Airless Spray Gun with Reversible Tip Spray Guard



Part Number	Description
PG30170109	Sagola 104 PSAM Airless Spray Gun with Reversible Tip Spray Guard

Sagola 500 PSAM

Sagola 500 PSAM Airless Spray Gun with Reversible Tip Spray Guard



Part Number	Description
PG30170111	Sagola 500 PSAM Airless Spray Gun with Reversible Tip Spray Guard

Elcometer TYPHOON Spares

For a complete breakdown of Elcometer RIGA pump spares, including diagrams, please see Spare Parts.

Spares

Part Number	Description
PT30090100	Piston Seal Packing Oil; 500ml (16.90fl oz)
PT83660047	Suction Hose Product Filter
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

Replacement Parts - General

Part Number	Description
PT86465206	Suction Hose complete with Suction Hose Product Filter
PT84260099	Product Return Valve & Hose Replacement Kit
PT56413511	Anti-Pulsation System
PT54550016	Analogue Pressure Gauge 0 - 12 bar / 0 - 160 psi

Replacement Parts - Piston Cylinder

BALTIC 15	Description
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

Replacement Parts - Air Motor

BALTIC 15	Description
PT56418541	Air Motor Cylinder Piston Seal
PT56418651	Air Motor Packing Set

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