ELCOMETER
BALTIC
AIR ASSISTED
AIRLESS PUMPS

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ELCOMETER
BALTIC
AIR ASSISTED AIRLESS PUMPS

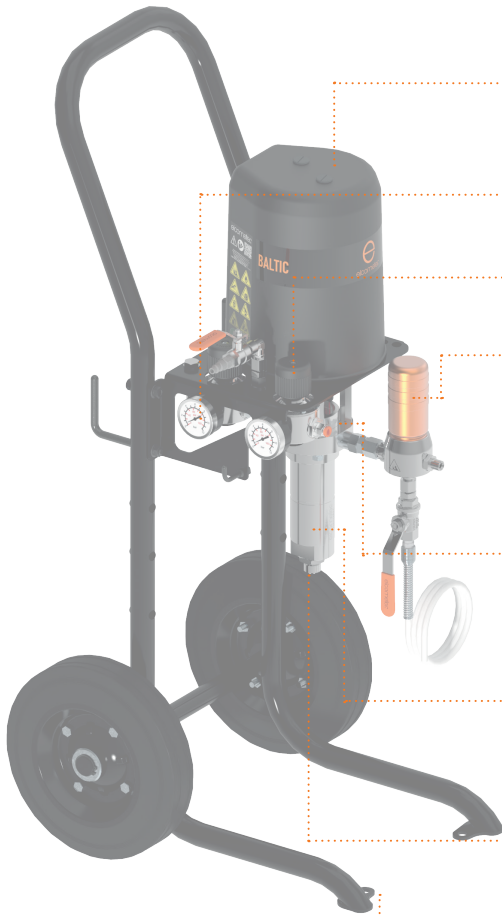RATIO

15:1

30:1

32:1

AA

AR

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IP

COMPLIANCE:
ATEX ⟨Ex⟩ 2 II GX

BALTIC 32

Ideal for wood & metal workshops the Elcometer BALTIC is an air assisted airless (mix) pump designed to be durable and easy to maintain, engineered and manufactured with high quality components such as stainless steel balls and tungsten carbide seats.

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Key Features

Low air consumption air motor, 1.10cfm (31.12lpm) maximum

Robust, easy to read gauges for both pump & spray gun

Precision pump & spray gun regulators

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

Easily accessible wet cup for throat seal pump liquid

Rugged, durable pump with tungsten carbide and stainless steel ball & seats and self-adjusting packings

Service the lower quickly using standard workshop tools

Stable, boltable footprint of 543mm x 527mm

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

Unbolt the bracket and pump from the trolley to create a wall mounted version with suction hose - weighing up to 12.3kg (27.1lbs)

Elcometer BALTIC

Elcometer **BALTIC** Key Features

The Elcometer BALTIC is an air-assisted airless piston pump which applies paints by air assisted spraying, ideal for wood workshops or metal fabricators requiring a high quality finish at fast application rates.

IDEAL FOR USE WITH:	
Material	
Solvent Based	◄
Water Based	◄
Product	
Pre-catalysed wood lacquers	◄
Acid catalyst wood lacquers	◄
Waterborne wood lacquers	◄
UV Curable wood coatings	◄
Exterior joinery coatings	◄
Fire retardant class b-s1, d0 coatings	◄
Fire retardant acid catalyst wood lacquers	◄
Floor lacquers	◄
Single component (1k) epoxies	◄
Single component (1k) polyurethanes	◄
Anti-fouling (1k) low viscose coatings	◄
Water based enamel	◄
Military grade bio grade coatings	◄
Moisture sensitive polyurethane coatings	◄
Sound deadener coatings	◄
UV Curable polyurethanes	◄
Solvent based polyurethane coatings	◄
Wood primers	◄

Easy to use and maintain

Engineered to be simple to use, the Elcometer Baltic's robust self-adjusting packing & seal kit, filter, balls and seats are fast to service or replace - reducing maintenance time.

High performance

The Elcometer Baltic is available with 15:1, 30:1 and 32:1 ratios, allowing larger spray tips up to 0.45mm (0.018"), better fan patterns, longer fluid hoses and less pulsing for a better finish.

Efficient and quiet

The low air consumption of the Elcometer Baltic helps to lower expensive compressor running costs, whilst the low noise makes it ideal for production lines.

Versatile

Choice of trolley or wall mounted with a suction hose or gravity fed hopper, pair with the Sagola Mini Xtreme Mix Spray Gun to suit your application.

Multiple particle filters within the system: in the suction hose, pump filter and on the spray gun.

Easy and fast to maintain.

Fast colour changes & low material wastage.

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	BALTIC 15	BALTIC 30	BALTIC 32
Ratio	15 : 1	30 : 1	32 : 1
Maximum fluid particle size[1]	0.25mm (10mils)	0.25mm (10mils)	0.25mm (10mils)
Fluid temperature range	4.4 - 60°C (40 - 140°F)	4.4 - 60°C (40 - 140°F)	4.4 - 60°C (40 - 140°F)
Fluid inlet size	½" BSP Male	½" BSP Male	½" BSP Male
Fluid outlet size	¼" BSP Male	¼" BSP Male	¼" BSP Male
Compatible Products that can be pumped	Solvent and waterbased products	Solvent and waterbased products	Solvent and waterbased products
COMPOSITION OF PARTS IN CONTACT WITH PRODUCT (WET)			
Seats	Polyamide	Polyamide	Polyamide
Balls	Stainless Steel	Stainless Steel	Stainless Steel
Pump Body / Cylinder Housing	Aluminium	Aluminium	Aluminium
Piston	Hard Chrome Stainless Steel	Hard Chrome Stainless Steel	Hard Chrome Stainless Steel
Packing Kit (Top & Bottom)	Polyamide	Polyamide	Polyamide
EXTERNAL PUMP PARTS (DRY)			
Pump Body / Cylinder Housing	Aluminium	Aluminium	Aluminium
AIR			
Air Pressure Operating Range	1-7bar (14-101psi)	1-7bar (14-101psi)	1-7bar (14-101psi)
Air consumption at 100bar (1450psi) & 6.5 CPM (BA32-BA15) 10 CPM (BA30)	25.08lpm (0.89cfm)	31.12lpm (1.10cfm)	29.3lpm (1.03cfm)
Maximum Air Inlet Pressure	7bar (101psi)	7bar (101psi)	7bar (101psi)
Air Inlet	¼" BSP Female	¼" BSP Female	¼" BSP Female
Air Exhaust / Silencer Port	¼" BSP Female	¼" BSP Female	¼" BSP Female
Minimum compressor requirements at 100bar (1450psi) & 6.5 CPM (BA32-BA15) 10 CPM (BA30)	25.08lpm (0.89cfm)	31.12lpm (1.10cfm)	29.3lpm (1.03cfm)
Ambient Air Temperature Operating Range	-10 - 60°C (14 - 140°F)	-10 - 60°C (14 - 140°F)	-10 - 60°C (14 - 140°F)
FLUID / PRODUCT			
Maximum Fluid Outlet Working Pressure	91bar (1320psi)	215bar (3118psi)	226bar (3278psi)
Stroke Length	60mm (2.36")	68mm (2.68")	68mm (2.68")
Maximum Spray Tip Size	0.45mm (0.018")	0.33mm (0.013")	0.45mm (0.018")
Product Output per Cycle[2]	45 cc (1.54fl oz/min)	30 cc (1.05fl oz/min)	45 cc (1.54fl oz/min)
Free Flow Delivery @ 60 CPM[3]	2.7lpm (90.88fl oz/min)	1.8lpm (61.44fl oz)/min	2.7lpm (90.88fl oz)/min
DIMENSIONS			
Weight (Pump only)	9.8kg (21.6lb)	8.2kg (18.1lb)	10kg (22lb)
Weight (Wall Mount with Suction Hose)	12.1kg (26.7lb)	10.5kg (23.1lb)	12.3kg (27.1lb)
Weight (Cart Mount with Suction Hose)	23.3kg (51.4b)	23kg (50.7lb)	23.5kg (51.8lb)
Weight (Wall Mount with Hopper)	12.2kg (26.9lb)	10.6kg (23.4lb)	12.4kg (27.3lb)
Weight (Cart Mount with Hopper)	23.4kg (51.6lb)	23.1kg (50.9lb)	23.6kg (52lb)
Dimensions (Cart Mount)	543 x 527 x 999mm (21.38 x 20.74 x 39.33")	543 x 527 x 999mm (21.38 x 20.74 x 39.33")	543 x 527 x 999mm (21.38 x 20.74 x 39.33")
Dimensions (Wall Mount)	543 x 359 x 516mm (21.38 x 14.36 x 20.33")	543 x 359 x 516mm (21.38 x 14.36 x 20.33")	543 x 359 x 516mm (21.38 x 14.36 x 20.33")

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

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Elcometer **BALTIC** Part Numbers

PART NUMBERS ◀ Supplied as standard ◁ Optional extra

Part Number	Description	Trolley Mount*	Air & Product Hose	Suction Hose	Hopper
PSP15AAA-T	Elcometer Baltic 15 Air Assisted Airless Piston Spray Pump	◀	◀	◀	◁
PSP30AAA-T	Elcometer Baltic 30 Air Assisted Airless Piston Spray Pump	◀	◀	◀	◁
PSP32AAA-T	Elcometer Baltic 32 Air Assisted Airless Piston Spray Pump	◀	◀	◀	◁

PACKAGE SELECTOR ◀ Supplied as standard ◁ Optional extra

Part Number	Wall Mount	Trolley & Wall Mount	Suction Hose	Hopper Fed	7.5m (24.6ft) Air & Product Hose[1]	Fluid Regulator	Sagola Mini Xtreme Mix Spray Gun	Fixed Spray Tip
BALTIC 15 Air Assisted Airless Piston Pump								
BA15-MXM-1340		◀	◀	◁	◀	◀	◀	13/40
BA15-MXM-1140		◀	◀	◁	◀	◀	◀	11/40
BALTIC 30 Air Assisted Airless Piston Pump								
BA30-MXM-1340		◀	◀	◁	◀	◀	◀	13/40
BA30-MXM-1140		◀	◀	◁	◀	◀	◀	11/40
BALTIC 32 Air Assisted Airless Piston Pump								
BA32-MXM-1340		◀	◀	◁	◀	◀	◀	13/40
BA32-MXM-1140		◀	◀	◁	◀	◀	◀	11/40

[1] Includes wall mount

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Elcometer **BALTIC** Packages

The Elcometer BALTIC air assisted airless range is available as a complete kit with the Sagola Mini Xtreme Mix spray gun, fluid regulator and product & air hose kit.

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The range of Elcometer Baltic pumps are available wall or trolley mounted supplied with a fluid regulator and suction hose as standard. Hoppers can be purchased separately.

7m (22.9ft) Combined Anti-Static Air & Product Hose with Protective Cover for Air Spray (Low Pressure) Systems.

Sagola Mini Xtreme Mix Pressure Spray Gun with a choice of spray tips to suit your application.

Favoured by professional french polishers for its quality finishes, the Sagola Mini Xtreme Mix Air Assisted Airless Spray Gun is incredibly light and ergonomic, ideal for demanding workshops.

- **Ideal for continuous use**
  lightweight and comfortable for use over long periods
- **Robust and durable**
  tungsten carbide tip inserts with stainless steel fluid nozzles
- **Easy to use**
  with ¼" high pressure fluid hose swivel

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Elcometer **BALTIC** Accessories

Product Hopper Kit

5 litre (1.32 US Gallon) gravity product tank and filter for use with Elcometer Baltic and Kara pumps.

Part Number	Description
PT30090399	Hopper Kit & Product Filter for Kara & Baltic Pumps

Comibined Air & Product Hose

Combined Air & Product Hose with Protective Cover for Air Assisted Airless Systems.

Air Hose (Blue): Polyurethane, ID: 6mm x OD: 8mm (compatible with 8mm quick connector).
Product Hose (Blue): ID: 4mm x OD: 10.4mm with ¼" Female Adaptor
Protective Cover (Black): Polyester.

Part Number	Description
PT56414036	Combined Air & Product Hose with Protective Cover; 7m (22.9 ft)
PT56414037	Combined Air & Product Hose with Protective Cover; 11m (36.1ft)

Sagola Mini Xtreme Mix

Sagola Mini Xtreme Mix with 8mm Quick Connect Air Coupling and ¼" Swivel Product Coupling.

Part Number	Description
PG35130202	Sagola Mini Xtreme Mix with 8mm Quick Connect Air Coupling and ¼" Swivel Product Coupling, with Air Assisted Airless Spray Tip 11/40: 0.011"/0.28mm, 40°
PG35130206	Sagola Mini Xtreme Mix with 8mm Quick Connect Air Coupling and ¼" Swivel Product Coupling, with Air Assisted Airless Spray Tip 13/40: 0.013"/0.33mm, 40°

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Elcometer **BALTIC** Spares

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

Spares

Part Number	Description
PT30090100	Piston Seal Packing Oil; 500ml (16.90fl oz)
PT83660047	Suction Hose Product Filter
PT83660001	Hopper Product Filter: 40 Mesh
PT83660010	Anti-Pulsation System Filter: 60 Mesh
PT83660009	Anti-Pulsation System Filter: 100 Mesh
PT84760004	Hopper Product Filter Spring Clip

Replacement Parts - General

Part Number	Description
PT86465206	Suction Hose complete with Suction Hose Product Filter
PT83660047	Suction Hose Product Filter
PT84260099	Product Return Valve & Hose Replacement Kit
PT56413511	Anti-Pulsation System (includes Product Return Valve & Hose Kit)
PT54550016	Analogue Pressure Gauge 0 - 12 bar / 0 - 160 psi

Replacement Parts - Piston Cylinder

BALTIC 15	BALTIC 30	BALTIC 32	Description
PT56418545	PT56418545	PT56418545	Piston Cylinder Lower Packing Set
PT56418546	PT56418498	PT56418546	Piston Cylinder Upper Packing Set
PT56418474	-	PT56418474	Piston (Upper) Valve Kit
PT56418543	PT56418543	PT56418543	Suction (Lower) Valve Kit
PT54210278	PT54250802	PT54210278	Piston Cylinder Sealing Gasket

Replacement Parts - Air Motor

BALTIC 15	BALTIC 30	BALTIC 32	Description
PT56418540	PT56418692	PT56418541	Air Motor Cylinder Piston Seal
PT56418651	PT56418651	PT56418651	Air Motor Packing Set

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