



PILOT

AIRLESS SPRAY SYSTEM

Product Catalog - 2026

THE PILOT GROUP

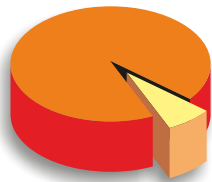
AT A GLANCE

70

Years of brand trust

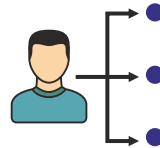


Dominant
Market share



700
Dealers

7000
Sub Dealers



3 Business verticals



Conformity to
European Standards

Certification

STATE - OF - THE - ART MANUFACTURING

More than 7 decades ago, PILOT was born from a simple vision—to create solutions that make a difference. That modest dream has today grown into a trusted global group, touching lives and industries with innovation and reliability.

From empowering industries with advanced solutions to transforming the appearance of various products through Spray Guns, Service Guns, Airless Spray Painting Machines and Gas Welding Equipment's - PILOT has become synonymous with trust and progress.

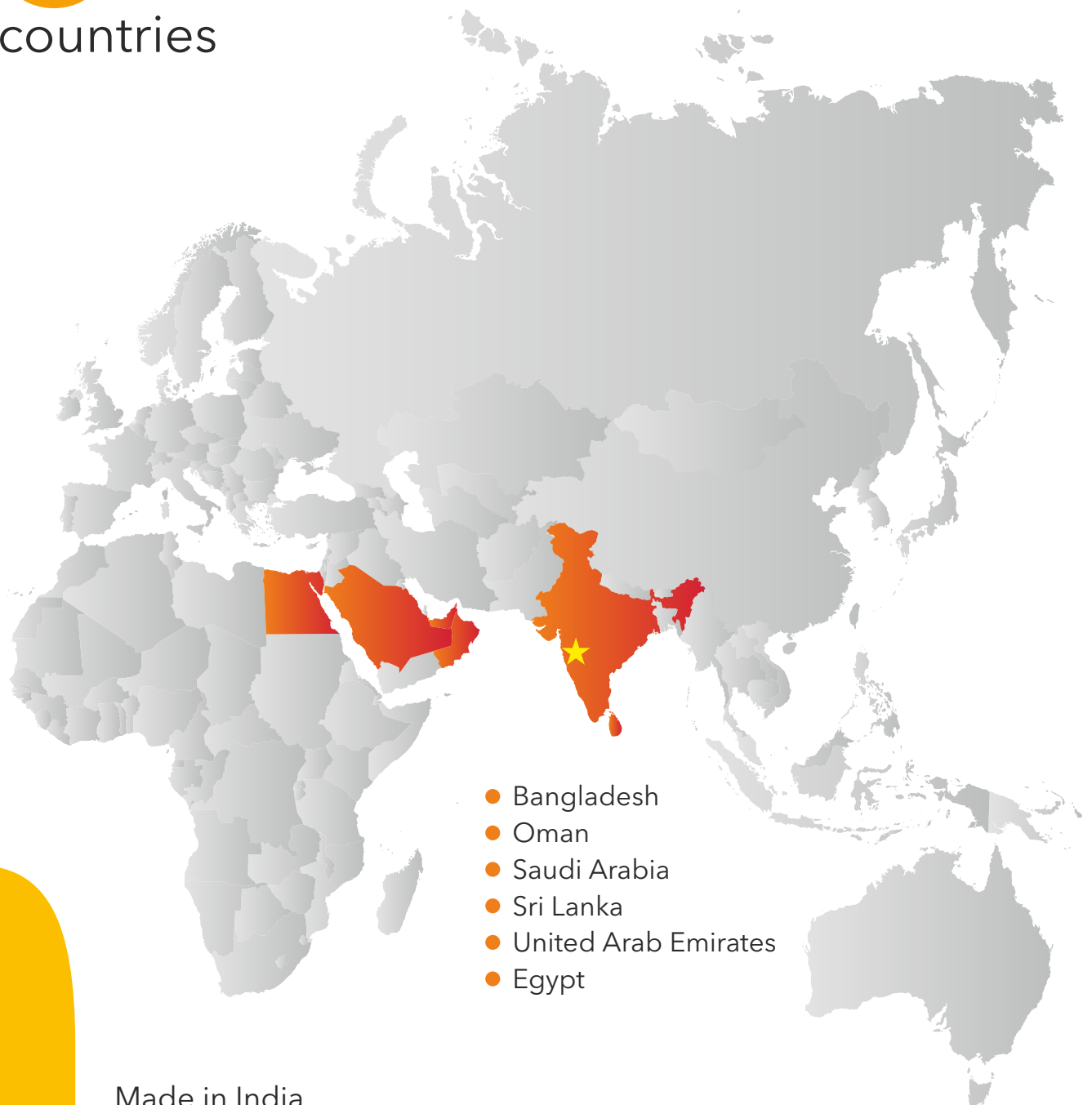
We at PILOT have set on a journey of reinvention. It has become our way of life—foreseeing market needs, embracing change, and delivering technologies that help businesses stay ahead. Today our footprint extends across Europe, the Middle East, Africa, and Asia, carrying with it the assurance of quality and precision that the PILOT brand is built upon.

Periodically, we step into the future with a new generation of products—crafted with passion, engineered with accuracy, and designed to empower success. Because at PILOT, innovation is more than tradition—it is our promise, yesterday, today, and tomorrow.



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Exports to **6** countries



Made in India

Electric Series



Compact, rugged and reliable solution specially developed for professional painting contractors.

Indigenous 1.5KW brushless DC electric motor and smart drive controller with digital display.



Electric Series



Areas of application



Interior wall painting



Exterior Painting



Structural fabrication



Industrial painting



Paints & protective coatings



Architectural Painting

Electric Series



Tungsten carbide valve seats, hard coated piston and cylinders.

Stainless steel filter element for multiple and long usage.

Quick open suction valve for easy and fast cleaning.

Divorced pressure potentiometer for undisturbed spray pressure settings

Inbuilt dry run, voltage and current protection.

A fully indigenously designed and manufactured electric airless sprayer

Digital interface to display real time operating instructions, faults & pressures.



Electric Series

PE051 - Stand version / Trolley version



Technical Data

Model	PE051 - Stand version / Trolley version
Max. Flow rate	3.9 litres/min
Max. Working pressure	230 bar
Ele. Motor	1500 watt (2HP) Brushless DC
Power Supply	230V 16A single phase

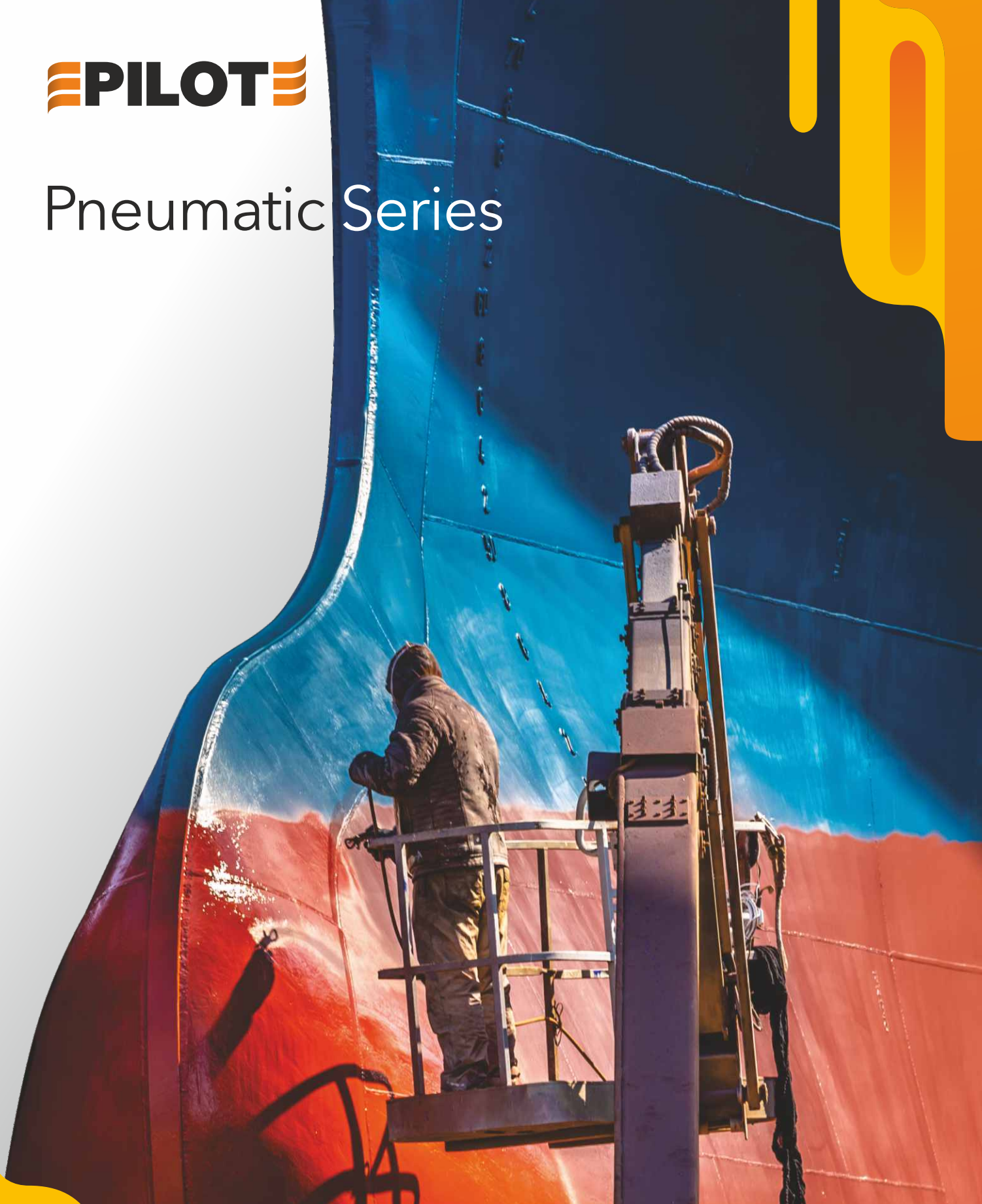
Pneumatic Series



Powerful, compact and budget friendly solution for spraying a wide range of paints and protective coatings. Sprays most Industrial coatings with multiple guns comfortably. Ideal for tough epoxy / pu protective coatings with high solids upto 100%. Used in spraying almost all architectural coatings including cement based putty. Unmatched performance with PILOTs Proprietary Super Breath Air Motor Technology.



Pneumatic Series



Areas of application



Marine



Ship painting



Industrial painting



Pipe & other protective coating



PEB & industrial structural fabrication



Railway

Pneumatic Series



Durable pump section

- Large paths to handle high solids
- Long stroke-slow wear fluid section
- Rust proof Stainless steel body
- Hard coated piston and cylinder
- Tungsten carbide valve seats

Easily accessible and quick to clean filter with Extra-large filtration area for less tip blockage and improved finish quality.

Quick open suction valve for easy and fast cleaning.

Robust tilting cart for easy and comfortable transportation with large solid rubber tyres.

Exclusive features

Revolutionary

SUPER BREATH AIR MOTOR TECHNOLOGY

- LESS PULSATION Smooth, rapid, sharp changeover even at high flow rates
- STALL FREE OPERATION due to EXPONENTIAL AIR DRIVE SYSTEM
- No spring loaded detents or sensing/poppet valves
- ICING FREEDOM - Zero effect due to icing. Uninterrupted performance

- Enhanced capacity of around 4X higher Intake / Exhaust air valve with EXPONENTIAL AIR DRIVE SYSTEM.
- Large flow path in fluid section to handle high solids, 100% solids and solvent free coatings.



Pneumatic Series

PP38, PP48, PP63, PP68, PP79



Technical Data

Model	PP38	PP48	PP63	PP68	PP79
Pump ratio	38:1	48:1	63:1	68:1	79:1
Maximum working pressure	266 bar	336 bar	441 bar	476 bar	553 bar
Maximum air input pressure	7 bar	7 bar	7 bar	7 bar	7 bar
Output Flow max. recommended	11.4 Lpm	9.6 Lpm	7.2 Lpm	11.4 Lpm	9.6 Lpm
Air consumption per one litre of output spray volume in CFM [#]	1.75	1.95	2.75	2.95	3.25

SCFM required for particular application dependent on operating pressures and flow rates.



Electro Hydraulic Series



Indigenously designed all in one solution for professional contractors. Ideal for protective coating, building painting, waterproofing, grouting and flooring applications. The best choice for cement based wall putty spraying. Works on single phase & three phase electric power supply. Featuring PILOTs Proprietary **patented** Springless Hydraulic Motor.



Electro Hydraulic Series



Areas of application



Water proofing materials



Putty / Airless plasters



Paints & protective coatings



Road marking & curb coatings



Grouting chemicals



Flooring and roof coatings

Electro Hydraulic Series

PEH2261, PEH2243, PEH3071, PEH3043



Maximal solution for Architectural applications and painting contractors.

Cement based putty can be sprayed easily.

Works on single phase & three phase power supply.

The only patented springless hydraulic motor on the planet. Rapid & sharp changeover with less pulsation

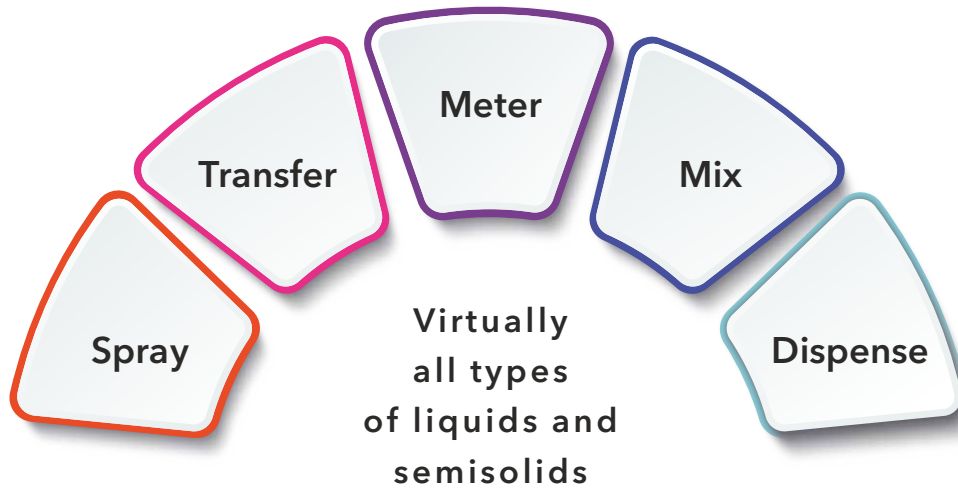
Robust cart for easy and comfortable transportation.

- Durable pump section
 - Large paths to handle high solids
 - Long stroke-slow wear fluid section
 - Rust proof Stainless steel body
 - Hard coated piston and cylinder
 - Tungsten carbide valve seats
- Easily accessible and quick to clean filter with Extra-large filtration area for less tip blockage and improved finish quality.
- Quick open suction valve for easy and fast cleaning.

Technical Data

Model	PEH2261	PEH2243	PEH3071	PEH3043
Power supply	230V AC Single phase		415V AC Three phase	
Electric motor	3 HP		4 HP	
Max.flow (Lpm)	6.1	4.3	7.1	4.3
Max pressure (Bar)	276	364	288	448

As we step into the Research & Development of Fluid Handling Systems, here's how we see our future



with various types of pumps, guns and accessories.

Spray Gun Features

- Isolated Stainless Steel Fluid Section
- Pressure Assisted SS Trigger Pull Design (Patent Pending)
- Rugged Ergonomically Designed Forged Gun Body
- Carbide Seat & Needle Ball
- 500 bar / 7250 psi Maximum Working Pressure

Accessories



Spray guns



Turn clean tip & tip guard



Filter element



High pressure hose



Seals



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