PILOT

AIRLESS SPRAY SYSTEM

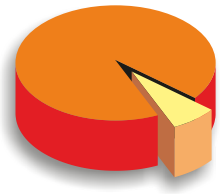
Product Catalog - 2026

THE PILOT GROUP AT A GLANCE

70
Years of brand trust

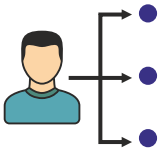


Dominant
Market share



700
Dealers

7000
Sub Dealers



3 Business verticals



CE
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.





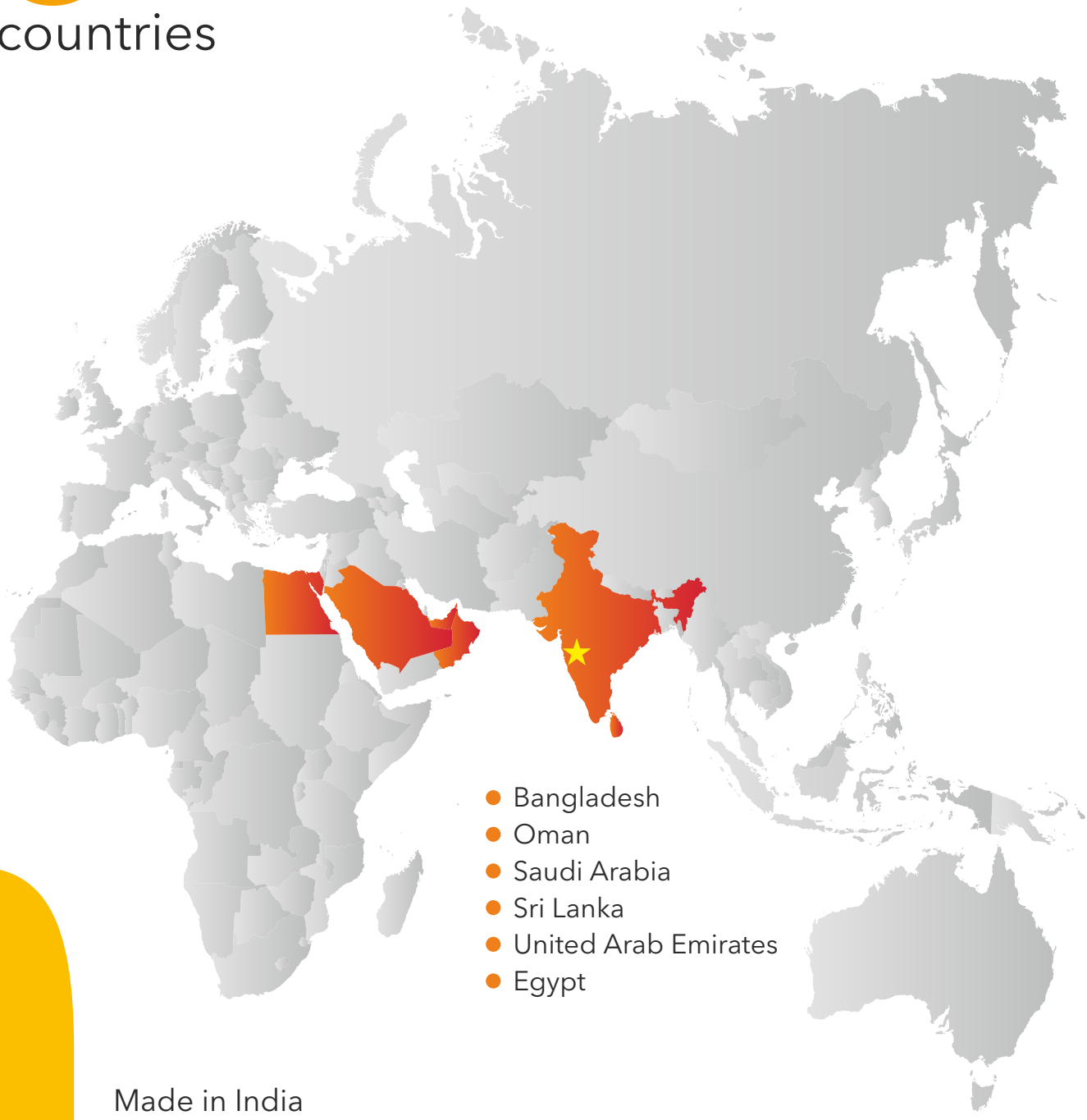
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Exports to

6

countries



- Bangladesh
- Oman
- Saudi Arabia
- Sri Lanka
- United Arab Emirates
- Egypt

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.

PILOT

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.

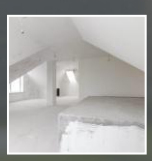
Electro Hydraulic Series



Areas of application



Water proofing materials



Putty / Airless plasters



Paints & protective coatings



Road marking & curb coatings



Grouting chemicals



Flooring and roof coatings

PILOT

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

PILOT

Airless Spray Gun
GM500



Features

- Lightweight, rugged & ergonomic design
- Compatible with high build & thick coatings
- Cooler & safer spraying experience
- Minimizes operator fatigue
- Easy to maintain & clean
- Reliable, durable & long lasting performance


Isolated SS Fluid Section


Pressure Assisted SS Trigger

Forged Gun Body

Carbide Seat & Needle Ball

Technical Data

Maximum Inbound Fluid Pressure (Bar)	500
Fluid Inlet	1/4" BSP
Wetted Parts	Stainless steel, carbide, PTFE, polyethylene, solvent-resistant O-rings
Weight of Gun* (gms)	570

*Without Turn Clean Tip & Tip Guard

Areas of application


Protective & Industrial Coatings


Architectural & Interior Paints

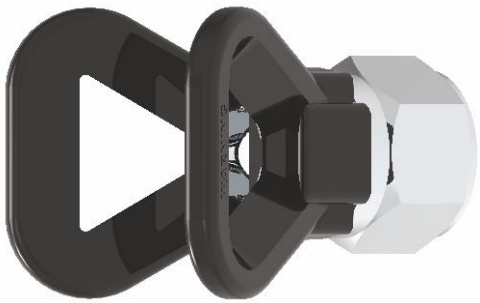

Adhesives & Waterproofing


Fire Protection Coatings


Putty Application

PILOT

Airless Spray Gun
GM500



TG 500-A0
Heavy-Duty S.S. Tip Guard

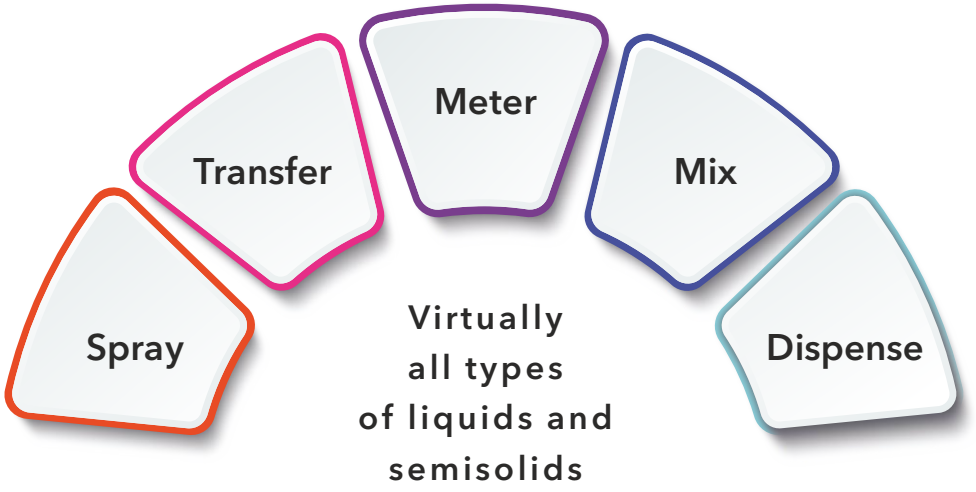


TG 350-AT / TG 500-AT
Reversible Turn Clean Tip with Seal Set

Available Tip Sizes in Turn Clean Tip with Seal Set

Model	Tip Sizes
TG 350-AT (upto 350 Bar)	107, 109, 111, 113, 115, 117, 119, 121
	207, 209, 211, 213, 215, 217, 219, 221, 223
	307, 309, 311, 313, 315, 317, 319, 321, 323
	407, 409, 411, 413, 415, 417, 419, 421, 423
	509, 511, 513, 515, 517, 519, 521, 523
	611, 613, 615, 617, 619, 621, 623
	817, 819, 821, 823
	1219, 1221, 1223
TG 500-AT (upto 500 Bar)	107, 109, 111, 113, 115, 117, 119, 121
	207, 209, 211, 213, 215, 217, 219, 221, 223, 225, 227, 229, 231, 233, 235, 237, 239, 241, 243, 245, 247, 249, 251, 253, 255
	307, 309, 311, 313, 315, 317, 319, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 341, 343, 345, 347, 349, 351, 353, 355
	407, 409, 411, 413, 415, 417, 419, 421, 423, 425, 427, 429, 431, 433, 435, 437, 439, 441, 443, 445, 447, 449, 451, 453, 455, 457, 459, 461, 463, 465
	509, 511, 513, 515, 517, 519, 521, 523, 525, 527, 529, 531, 533, 535, 537, 539, 541, 543, 545, 547, 549, 551, 553, 555, 557, 559, 561, 563, 565
	611, 613, 615, 617, 619, 621, 623, 625, 627, 629, 631, 633, 635, 637, 639, 641, 643, 645, 647, 649, 651, 653, 655, 657, 659, 661, 663, 665
	817, 819, 821, 823, 825, 827, 829, 831, 833, 835, 837
	1219, 1221, 1223, 1225, 1227, 1229, 1231, 1233, 1235

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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