

KING™ ELECTRIC AIRLESS SPRAYER

The electric solution for spraying protective coatings




PROVEN QUALITY. LEADING TECHNOLOGY.


Meet the new King

Graco's King electric airless sprayer combines the benefits of the traditional pneumatic airless sprayer, like the robust ATEX design, simple maintenance and strength, with the benefits of an electric unit like energy cost savings, eliminating icing problems and noise reduction.

ELECTRIC POWER

	NO NEED FOR AN AIR COMPRESSOR	ENVIRONMENTAL FRIENDLY	CONSISTENT QUALITY
	Avoid the inefficiencies associated with compressors.	Contribute to a cleaner energy future.	Less pulsation to always obtain a good pattern regardless of which tip you use.

COST SAVINGS


	IMPROVED EFFICIENCY	ENERGY SAVINGS	STAY PRODUCTIVE
	Improved efficiency and an overall lower cost of ownership.	Saves up to 80% of energy costs when compared to an air operated sprayer.*	Stay productive by using the most reliable power source available – electricity!

* Study completed for a pump pressure of 241 bar (3500 psi) for 20 hours/week; spraying 1226 L (324 gal) of 73% volume solids epoxy with an XHD519 tip

ATEX APPROVED

	ATEX, IECEX, AND CLASS 1, DIV. 1 APPROVALS	SAFE OPERATION	SPRAY SOLVENT-BASED COATINGS
	Allows one to work at any location where generating a spark is of concern.	Get the job done safely: approved for hazardous locations.	Protect yourself against risks from hazardous solvents.

USER COMFORT

	PLUG IN & SPRAY	A QUIET ELECTRIC MOTOR	NO MORE ICING
	Runs on widely available 240V/15A or 110V/25A power.	When compared to an air motor, the King electric sprayer is up to five times quieter.	By eliminating the need for an air motor, it is possible to avoid all icing problems.



GRACO

King
E60

WARNING: Read and understand all instructions before using this equipment. Failure to follow instructions may result in injury or death. See the manual for complete instructions. Always use proper safety practices. Do not use this equipment if you are under the influence of alcohol or drugs. Do not use this equipment if you are pregnant or have a medical condition that may be aggravated by the use of this equipment. Do not use this equipment in a confined space. Do not use this equipment in a flammable or explosive atmosphere. Do not use this equipment in a hazardous environment. Do not use this equipment if you are wearing a hard hat or other headgear. Do not use this equipment if you are wearing a watch, bracelet, or jewelry. Do not use this equipment if you are wearing loose clothing. Do not use this equipment if you are wearing sandals or flip-flops. Do not use this equipment if you are wearing high-heeled shoes. Do not use this equipment if you are wearing a hat or other headgear. Do not use this equipment if you are wearing a watch, bracelet, or jewelry. Do not use this equipment if you are wearing loose clothing. Do not use this equipment if you are wearing sandals or flip-flops. Do not use this equipment if you are wearing high-heeled shoes.

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Whatever the application, Graco has the solution

The Graco King electric airless sprayer is a more energy efficient coating sprayer than the majority of sprayers on the market. Not only that, but it has a low cost of ownership due to the lack of compressor maintenance costs. In other words, you save money every single day.

Applications

- Chemical plants
- In-plant paint shops
- Marine jobs
- Metal fabrication
- Rail jobs
- Refineries & off shore work
- Storage tanks
- Structural steel
- Water and wastewater coatings



About a customer



PBP Services (Scotland) Ltd is a 3rd generation family-run business operating since 1968 based in Fraserburgh in the North East of Scotland, providing a blasting & coating service to large sections of the fishing fleet based throughout the UK and Europe. They have also diversified to work in the oil & gas industry with an operation in Bahrain.

"We purchased the electric airless sprayer to provide extra pressure for applying anti-fouling coatings to a ship's hull to achieve energy cost savings by eliminating the use of compressed air. We recently bought a second protective coating unit and believe that this has produced a big advantage for our business, and also see these units as a welcome addition to our painting fleet!"

Peter Bruce - Owner at PBP Services (Scotland) Ltd

New driver

- Updated driver for maximum safety while spraying in hazardous locations
- The minimal service driver requires only oil. More up-time, less hassle, reduced maintenance costs

Pressure control knob

- Minimal training required

Built-in disconnect switch

- Designed for use in explosive atmospheres

Electrically operated

- No compressor maintenance costs
- Runs on 240 VOLT/15 AMP or 110 VOLT/25 AMP power
- Low cost of ownership
- Energy efficient

Pinch protection and a dust cover for increased safety

Bursting disc

- Prevents over-pressure in the spray line

Xtreme® lower

- 115cc - KING E 60
- 145cc - KING E 50

Zero cavity carbide Prime/bleed valve

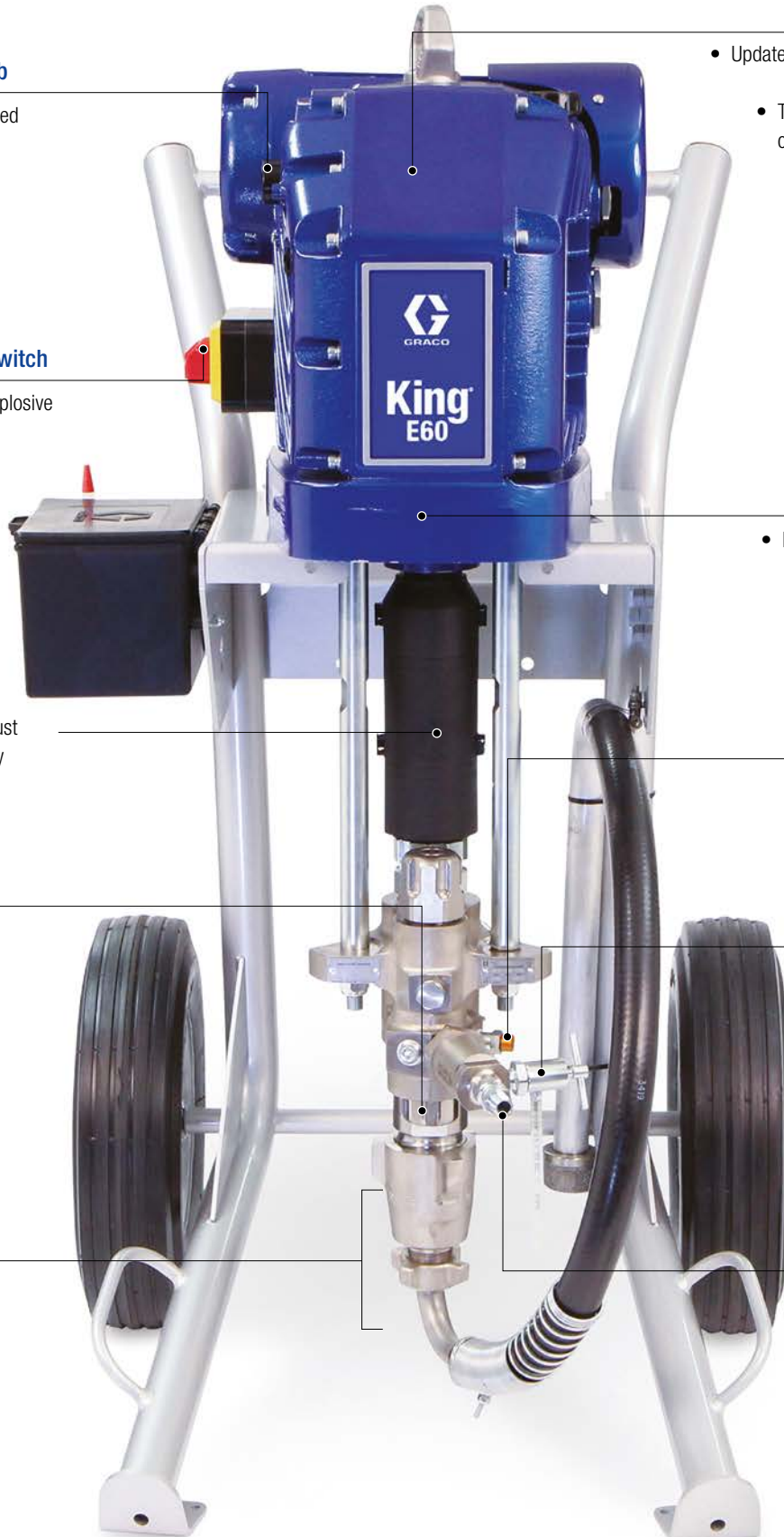
- Quickly and easily relieves pressure in the hose & gun

Inlet housing and suction set

- Reduced material and solvent requirements when priming/flushing

Non-return valve

- Helps maintain a consistent fluid pressure



Which system is right for you?

The King electric airless sprayers are available in two models: E60 and E50. Regardless of the maximum working pressure you require, Graco has the right sprayer for you.



MODEL	E60 King electric sprayer	E50 King electric sprayer
Maximum working pressure	414 Bar (6000 psi, 41.4 MPa)	310 Bar (4500 psi, 31.0 MPa)
Supported tip size*	0.53 mm (.021 in) @ 345 bar (5000 psi, 34.5 MPa) spray pressure	0.58 mm (.023 in) @ 276 bar (4000 psi, 27.6 MPa) spray pressure
Weight	135 Kg (295 lb)	135 Kg (295 lb)
Overall dimensions (W x H x D)	70 x 127 x 74 (27.5 x 50.0 x 29.0 in)	70 x 127 x 74 (27.5 x 50.0 x 29.0 in)
Operating temperature range	5°C to 50°C (23°F to 120°F)	5°C to 50°C (23°F to 120°F)
Power input	15A @ 200-240V, 50/60 Hz, single phase; 25A @ 100-120V, 50/60 Hz, single phase	15A @ 200-240V, 50/60 Hz, single phase; 25A @ 100-120V, 50/60 Hz, single phase
Sound pressure	70 dB (A)	70 dB (A)
Pump lower	115cc	145cc
Operating manual	3A8126	3A8126

* The actual supported tip size may be larger or smaller depending on: the actual input voltage, hose length, paint type, paint thinning, and paint temperature.

Ordering information

KING E60 - 414 BAR (6,000 PSI, 41.4 MPA)

273246..... Cart mount, integrated filter, complete package

273247..... Cart mount, integrated filter, bare package

273250..... Wall mount, integrated filter, complete package

273251..... Wall mount, integrated filter, bare package

Complete packages include the XTR7 spray gun, XHD 315 and XHD417 tip, 3/8" x 15 metre (50 ft) Xtreme Duty hose, 1.8 metre (6 ft) whip hose

KING E50 - 310 BAR (4,500 PSI, 31,0 MPA)

273252..... Cart mount, integrated filter, complete package

273253..... Cart mount, integrated filter, bare package

273256..... Wall mount, integrated filter, complete package

273257..... Wall mount, integrated filter, bare package

Complete packages include the XTR5 spray gun, XHD 315 and XHD417 tip, 3/8" x 15 metre (50 ft) Xtreme Duty hose, 1.8 metre (6 ft) whip hose

HEAVY FLUID PACKAGES:

273262..... KING E60 cart mount, no filter, heavy fluids with hopper, complete

273264..... KING E50 cart mount, no filter, heavy fluids with hopper, complete

Packages include a 38 litre (10 gal) SST hopper, XHF spray gun, XHD419 and XHD521 tip, 1/2" x 15 metre (50 ft) Xtreme Duty hose, 1.8 metre (6 ft) whip hose.

ACCESSORIES

25D234 Repair kit for the KING E50, lower (145cc)

273267..... Repair kit for the KING E60, lower (115 cc)

24X570..... Kit, 38 litre (10 gal) SST hopper

224459..... 60 mesh fluid filter element, twin pack

224468..... 100 mesh fluid filter element, twin pack

16W645..... Gear box oil for electric driver (1 litre)

25D515 Replacement suction hose kit, 1 in NPT, 1 m (3 ft)

25F044..... Suction hose kit, 20 litre (5 gal) pail, 2 m (6 ft)

20A584 Suction hose kit, 200 litre (55 gal) pail, 2 m (10 ft)

24Z267..... Cable assembly, with 1 gland, 8 m, hazardous locations*

24Z268..... Cable assembly, with 1 gland, 15 m, hazardous locations*

24Z269..... Cable assembly, with 1 gland, 30 m, hazardous locations*

24Z271..... Cable assembly, with 2 glands, 8 m, hazardous locations**

24Z272..... Cable assembly, with 2 glands, 15 m, hazardous locations**

24Z273..... Cable assembly, with 2 glands, 30 m, hazardous locations**

25P468..... Kit cable, incl. cable gland, 4.5 metre cable and CEE 7/7 plug, only for non-hazardous locations

* 1-gland cables have a single gland rated for use in hazardous locations. Recommended when the power supply is outside the hazardous location.

** 2-gland cables are rated at both ends, allowing for connection to a power supply rated for use within the hazardous location.





OUR BRAND PROMISE TO YOU

Since 1926, **innovation**, **quality** and **A+ Service** have been at the centre of Graco.

Experience Innovation

Our focus on innovation results in products and equipment that lead the industry with technologically-advanced features, pioneering design, high performance and unparalleled reliability. In short, innovation is how you get better products!

Building Quality

You're investing in high-quality products built to last for years of reliable service. Moreover, we partner with our customers to better understand how you're deploying our products in the field, then use your experiences to improve performance and durability.



A+ service, every time

You'll see A+ Service in action when you contact any of our support services options no matter where you are in the world. We'll listen to your situation and work methodically to resolve it as quickly as we can. We are guided by a mindset of integrity and a customer service view centred on collaboration and relationships, not transactions.



We're here to answer questions and help address your needs:

www.graco.com/contact

Graco is certified ISO 9001.

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