ALMAC

Auto-injector & pre-filled syringe packaging solutions



including our extensive specialised packaging capabilities

almacgroup.com

Auto-injectors & pre-filled syringe packaging solutions

With increasing demand for packaging solutions for auto-injectables, and compressed timelines to supply these products to patients, Almac Pharma Services' commercial facilities in the UK, EU and US provide flexible, quality-led commercial pharmaceutical packaging solutions tailored to meet your specific needs.

Our high and low throughput commercial pharmaceutical packaging operations provide flexibility and efficiency, supporting both high-volume marketed products and niche/orphan drug launches through to ongoing lifecycle supply.

Flexible Secondary Packaging Solutions

Our capabilities support a range of injectable devices and presentations, including:

- Auto-injectors
- Pre-filled syringes
- Cartridges
- Pen devices
- Advanced safety syringes
- Custom formats
- Complex kit assembly

Our secondary packaging facilities can also accommodate products requiring specialised handling, including temperature-controlled, humidity-sensitive, potent/ cytotoxic, oxygen-sensitive and light-sensitive products.





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Complex Kit Assembly

Almac can meet complex kit assembly outsourcing requirements from low-volume, manual kitting through to high-volume, semi-automated processing to meet larger-scale commercial market demands.

Our custom-built Semi-Automated Packaging System (SAPS) provides a streamlined and efficient semi-automated process for the packaging of complex medical kit components. The system can process both standard and custom syringes, as well as auto-injector pens and other medical devices.

The highly customisable technology can operate at various scales, accommodating a variety of pack formats from sample kits and marketing packs through to multi-product dosage packaging. SAPS can also be integrated with additional processes to support serialisation and carton overprint configurations.

End-to-end supply

Almac Pharma Services offers a range of fully integrated product development, clinical and commercial manufacturing solutions from our new state of the art facility. Providing both small and large scale manufacturing, and technology transfer to provide a smooth transition of your product.

Our tailored, quality-led end-to-end solutions enables us to support your team from a single source as you move from early to late-stage development through to launch and commercial supply across global markets.

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Specialised Packaging Solutions

With more than **55 years' experience**, we offer a wide range of **specialised packaging solutions** to meet your product launch and ongoing commercial supply needs.

Addressing the increasing focus of developing and bringing more advanced medicines and niche orphan drugs to market, we continue to invest in our commercial packaging capabilities to provide enhanced specialised packaging services to our client partners.

Paediatric Packaging

Complementing our experience in developing and manufacturing Paediatric dosage forms, we can provide innovative, child resistant specialised packaging in the form of stickpack and sachet capability.

Stickpacks and sachets are an ideal presentation for common Paediatric dosage forms such as minitablets, granules and powders, providing Paediatric patients a measured unit dose ensuring uniform dosing and when presented in a secondary wallet can aid compliance.

Rapid and Expedited Launch Services

Helping you meet an unmet patient need as soon as possible after regulatrory approval, our specialist teams can have saleable, packed product with your distributor within 24 – 48 hours of approval.

The success of our Rapid and Expedited Launch services is made possible by our robust standardised procedures, which have been developed and put into practice by an experienced multi-disciplinary team of subject matter experts. These procedures, together with strong project management, enables Almac to pack and launch your product within a 24- 48 hour timeframe from regulatory approval.

Serialisation

Serialisation is an integral part of today's global pharmaceutical supply chain. Almac's expert multi-disciplinary serialisation team supports clients with robust, compliant serialisation solutions aligned with GS1 standards and global market requirements.

Providing flexible serialisation solutions to meet all your serialisation needs, our technology not only meets but surpasses serialisation legislation.

With significant experience in developing and delivering serialisation solutions, our teams guarantee security throughout our clients' global supply chains.

Humidity Sensitive Product Packaging

Providing protection to humidity sensitive drug products our specialised relative humidity (RH) controlled blistering suites, pack your environmentally sensitive tablets / capsules into specialised blister packaging. RH can be maintained as low as 20%, ensuring your drug product is protected from external influences, guaranteeing optimum quality.

Orphan Drugs

Orphan drug products often require highly flexible packaging solutions to accommodate specialised requirements, lower volumes and market-specific needs. Our commercial packaging facilities are highly flexible to accommodate niche packaging campaigns including just-in-time processing of regionalised packs or specific on demand blister printing. Our experienced and responsive project managers are can support all your orphan drug packaging needs.

Customised Solutions

We have a dedicated in-house engineering team who provides tooling design, fabrication and machine prototype manufacture. Their expertise facilitates a rapid turnaround of tailored solutions and equipment design & build to meet the requirements of your specialised product.

Pack Design & Prototype Generation

Our dedicated in-house packaging design team can provide full lifecycle support of all your pharmaceutical packaging needs. From initial regulatory data and texts, early stage artwork mock–ups with concept development through to full support of post-approval update activities.

A wealth of packaging design experience and practical knowledge ensures we deliver innovative packaging solutions to meet regulatory requirements and patient needs and expectations.









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Why choose Almac?

- End-to-end development, manufacturing and commercialisation
- Highly experienced, dedicated, and expert teams
- Industry leading project management
- Flexibility to meet your growing needs
- Reputation for quality
- Results driven



Scan the QR Code to learn more about our commercial solutions.

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