



Specialised Packaging Solutions





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With more than 50 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.

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.

Vial, Syringe & Complex Medical Kit Assembly

We offer a range of secondary labelling and packaging solutions for biopharmaceutical products including vials, ampoules, pre-filled syringes, pens and medical devices.

With bespoke kit assembly technology our Semi-Automated Packaging System (SAPS) provides a best-in-class, streamlined and efficient packaging solution for the specialised packaging of complex pharmaceutical kits, medical device components, combination products and biologic packs.

Paediatric Packaging

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

Stickpacks 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 Launch

Helping you meet unmet patient needs as soon as possible after FDA approval, our specialist commercial packaging teams can have saleable, packed product with your distributor within 24 - 48 hours of approval.

The success of our Rapid Launch service is made possible by our robust standardised procedures developed by our experienced team of subject matter experts. These procedures, together with client collaboration and strong project management enables Almac to pack and launch your product within a 24-48 hour timeframe from FDA approval.

Serialisation

Addressing evolving global serialisation legislation, Almac's expert multi-disciplinary serialisation team lead the way in supporting clients in developing and implementing their serialisation strategies to GS1 standards.



Providing flexible serialisation solutions to meet all your serialisation needs, our partnership with Optel ensures our serialisation technology not only meets but surpasses current serialisation legislation and is adaptable to all upcoming regulations.

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

When speed and agility are imperative to ensuring your valuable drug product reaches the patient as quickly as possible, our global commercial packaging facilities are highly flexible to accommodate niche packaging campaigns. Whether that be, just-in-time processing of regionalised packs in Europe or specific on demand blister printing, our experienced and responsive project managers are able to support all your orphan drug packaging needs.

Ultra Low Temperature Labelling & Packaging

Providing innovative, tailored solutions we work collaboratively with you to support your advanced medicinal product launch, Just in Time labelling and packaging at ultra low temperatures and 3PL supply chains. These bespoke solutions enable your life saving gene therapy drug products to be delivered to patients when needed.



Capital Projects

Almac has a leading reputation for delivering complex, time sensitive capital projects in support of increasing innovative drug products. We have invested in the following specialised packaging technologies at our Global commercial packaging facilities:

- Design and installation of a bespoke Semi-Automated Packaging System (SAPS) for the packaging of complex medical kit components including both standard and custom syringes and auto-injector pens
- Installation of dedicated Relative Humidity (RH) controlled blister suites and offline HAPA digital print units to facilitate on demand blister printing for smaller markets
- Addition of Merz stickpack lines which are fully automated forming, filling and sealing machines, capable of filling stickpacks with powders, granules or minitablets

TECHNOLOGY	CRAIGAVON, UK	AUDUBON, US	DUNDALK, EU
Multi product blistering	●	●	
Humidity sensitive blistering	●	●	
On demand blister printing	●	●	●
Walleting	●	●	●
Vial labelling	●	●	●
Syringe labelling	●	●	●
Complex kit assembly		●	
Sachet / stickpack	●	●	
Serialisation	●	●	●
Ultra Low Temperature Packaging			●

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