

Olympus House  
Mill Green Road  
Haywards Heath  
West Sussex, RH16 1XQ  
UK



**Adelphi Manufacturing**

*Filling & Packaging Machinery*

Tel: +44 (0)1444 472300

Fax: +44 (0)1444 472329

[sales@adelphi.uk.com](mailto:sales@adelphi.uk.com)

[www.adelphi.uk.com](http://www.adelphi.uk.com)

## The Adelphi Response: An Introduction

Since its launch in 2002 the Adelphi Response has set a new standard for semi-automatic filling machines. It was called "Response" because in developing it Adelphi have responded to the growing demands of customers. Its unrivalled versatility, ease of use and GMP features have found applications across the food, cosmetic, pharmaceutical and chemical industries. Just some of the products being filled by the Adelphi Response include;

*Pharmaceutical alcohols, syrups, creams, gels and powder in suspension; cosmetic liquids, lotions and creams, shampoos and body scrubs; chutneys, preserves, mayonnaise, dressings, sauces, soups, yoghurt and ice-cream; liquid silicone, silicone grease, household cleaners, shoe-polish, oil-paints, liquefied detergent, chemical resins and corrosion-inhibitor.*

Adelphi Response machines are working all over the UK and in Australia, Belgium, Canada, France, Ghana, Hong Kong, Indonesia, Ireland, Kuwait, Malaysia, Morocco, the Netherlands, New Zealand, Nigeria, Norway, Senegal, Singapore, Slovenia, Sri Lanka, Sudan, Thailand, Trinidad, USA and Zambia. Adelphi Responses are filling into bottles, cans, jars, pouches, syringes, tubs and tubes in volumes from 5ml to 1 litre, and more with multi-dosing.

For many customers, once they have their first Adelphi Response they come back for more! We have now sold 9 machines to a leading branded cosmetic and toiletries manufacturer in the UK plus 2 to their parent company in Canada, 5 to a leading UK personal care product manufacturer, 4 to another leading cosmetic manufacturer and contract packer, 4 to a fast-growing UK food manufacturer, 4 to a leading UK contract packer, 3 to a leading luxury cosmetics company, 3 to a leading car-care product manufacturer, 3 to an overseas detergent manufacturer and second machines to several other customers, with many more under discussion. We have also supplied Adelphi Responses to 6 UK National Health Hospital Pharmacy Manufacturing Units, where they are being used for filling pharmaceutical creams, lotions and liquids.

Time after time the Adelphi Response has been benchmarked in trials against its leading competitors, and time after time customers choose the Response – not just because our machine offers faster output, greater flexibility and greater ease of use than its rivals, but also because of the value for money it represents and the outstanding service we provide before, during and after sale.

But we are not resting on our laurels. We are continually developing new accessories to extend the scope of what the Adelphi Response can do. For example, with the Adelphi Response Automation System, 2, 3 or 4 Response filling machines can be automated over a conveyor, with diving nozzles, gating and guarding. This means that a manufacturer can start with one semi-automatic filling machine and, as production increases, buy more semi-automatic machines then convert them to an automatic filler – but keeping the flexibility to take one or more machines away again for stand-alone use. We have also recently introduced the Adelphi Bag and Pouch Sealing System, designed for use with the Adelphi Response filler to provide a cost-effective entry-level system for customers starting-up in pouch filling.

Olympus House  
Mill Green Road  
Haywards Heath  
West Sussex, RH16 1XQ  
UK



**Adelphi Manufacturing**

*Filling & Packaging Machinery*

Tel: +44 (0)1444 472300

Fax: +44 (0)1444 472329

[sales@adelphi.uk.com](mailto:sales@adelphi.uk.com)

[www.adelphi.uk.com](http://www.adelphi.uk.com)

## Adelphi Response: Reference stories for Food Products

1	<p>A rapidly growing food manufacturer in the South of England is developing a wide range of products for airlines, restaurants and food service. They also have a growing range of own-brand products. Adelphi had supplied an automatic monobloc machine for filling vinaigrettes into small glass bottles with corks (for use on airplanes) and had also supplied items of process equipment, including a 4kW high-shear mixer. Adelphi developed a reputation for helping to solve their production problems, so when they needed a filling machine for a new product they naturally spoke to us. Trials proved that the Adelphi Response was ideal for filling their new range of chutneys into jars. The machine is now in use all day filling into jars for retail as well as into 2.2kg plastic containers for caterers (achieved with a double-dose from the 1L pump). A second Response was subsequently purchased for use as the filler on their stickpack machine for filling vinaigrettes into sachets. They bought a third Response to help keep up with the growing demand for their products, and a fourth machine later the same year!</p>
2	<p>This customer is a well-established producer of totally organic food products. They chose the Adelphi Response because it could achieve the quality of fill they were looking for, and one machine could cope with a wide range of their products, including peanut butter (a notoriously difficult product to fill accurately!), pesto, relishes and mayonnaise. With such a variety of products, and the company's high standards, it is important to clean the machine thoroughly between products. The Adelphi Response is designed with this in mind, and stripping-down the filling head and pump can be done in less than 2 minutes.</p>
3	<p>This company, based in Liverpool, needed a machine for filling hot curry sauce into jars. They wanted to ensure a fast pay-back for their investment in a new machine and looked at a number of potential candidates. The Adelphi Response was chosen as providing the accuracy, output and ease of use required, at a price that represented good value for money. And having had the machine on trial in their kitchen, they didn't want to let it go!</p>
4	<p>This new company was founded by a talented chef. He ran a successful restaurant, and started another small business making high-quality dressings for salads. He then started to branch-out into fudge sauces and savoury and sweet coulis. It came to the point where he could no longer run the restaurant and the dressings business, and he decided to concentrate on the dressings. He needed to increase production, and the Adelphi Response proved to be the ideal filling machine because it can readily handle the range of products, and is very easy to use and clean by non-technical staff.</p>

5	A university in the UK has a Process Research Centre (PRC). It has two main purposes: a) to provide facilities to food manufacturers for developing new products (mainly dairy and ice-cream) and b) to provide training to staff in the food industry on how to make products and package them. Adelphi had provided a Centrair filling machine for use in this unit, and replaced it with the new Adelphi Response as soon as it was available. The Response is now contributing to the product development and training undertaken at the PRC.
6	A small independent manufacturer in Sussex specialises in making top-quality mayonnaise from the finest ingredients, including organic free-range eggs. They wanted to upgrade their production facilities, and their existing filling machine (not supplied by Adelphi) could not keep up with production demands or maintain the required accuracy. The Adelphi Response was demonstrated filling the mayonnaise into jars and achieved the increased output and accuracy required. The Response was purchased, and Adelphi also supplied a special hopper system for dosing olive oil into the mixing vessel for making the mayonnaise.
7	A sauce-making company at New Covent Garden Market in London needed a machine to fill 20g dipper pots of relishes and sauces. They chose the Adelphi Response because as well as filling these small pots, the same machine could fill plum sauce into 2kg, 1kg and 0.5kg catering tubs with only a simple change of filling pump. The Response was more versatile and better value than the alternative machines that were considered.
8	This small manufacturer in the West Country were starting a new range of sauces, and needed a new semi-automatic filler. They looked at several, and decided on the Adelphi Response because the benefits this machine provides for the price offered the best value for money available.
9	This company in Devon needed a new machine to fill a range of specialist cooking sauces. Some are filled hot, and the products have particulates which make them difficult to fill. The company looked at a range of filling machines and had one from another supplier delivered, but it could not cope with the product and had to be withdrawn. Trials on the Adelphi Response proved that it could fill this difficult product accurately and was easy to strip down and clean. Overall, the Response was technically superior to the competition and provided best value for money.
10	This company filling cooking oils in London were very happy with their Adelphi Centrair filling machine, so it was natural for them to consider the Adelphi Response when they needed a new semi-automatic filler. Trials showed that the Response was even more accurate than the previous machine, with a faster output so they bought one.
11	This Irish company already had two Adelphi Centrair machines which were dedicated to filling jams and chutneys. They wanted to offer a microwavable soup filled hot into pouches, and Adelphi could offer the complete filling and sealing system. An Adelphi Response was used as the dedicated filler connected to the semi-automatic Adelphi Bag and Pouch System, which fills and seals the bags.
12	This food company in Sri Lanka were existing Adelphi customers, and were developing a new form of packaging their product – a coconut paste. They wanted to offer the paste as frozen cubes, and Adelphi developed a special nozzle for the Adelphi Response for filling ice-cube trays, one row of 7 cubes at a time.

13	This West Country soup company were looking for a machine to fill their soup hot into plastic cups and plastic bags. The Adelphi Response was demonstrated on site and provided exactly what they were looking for at a competitive price.
14	This famous seafood restaurant in the West Country already had an Adelphi Centrair for filling a range of sauces. They were happy with the service provided by Adelphi so when they needed a new machine they were very receptive to the benefits of the Adelphi Response, and bought one.
15	This company in Ireland are a small off-shoot from a larger food company. They wanted to offer their range of savoury butters in 180g pots for retail and 1kg tubs for catering use and took advice from an independent consultant in Ireland. The consultant was familiar with the Adelphi Response and recommended it. Trials confirmed that the Response could handle the products successfully, and the customer was delighted with the quality of the engineering and the hygienic features of the machine. They commented that the machine is more compact than the others they considered, which was an advantage in their small premises. They also liked the concept of the Adelphi Response Automation System, which can grow with them as their business develops.
16	This company in Morocco is a contract packer, but also source machinery for customers. They visited the Adelphi stand at Interpack 2005 and immediately appreciated the great versatility of the Adelphi Response, particularly the very wide range of products it can fill. They ordered a Response within a few weeks of the exhibition and are supplying it to the local factory of an international consumer product company for filling mustards and mayonnaise into 150g and 300g jars. They have subsequently ordered 2 more Adelphi Response machines to go to Senegal for filling yoghurt products.
17	This London-based contract manufacturer already had some Adelphi equipment and filling machines supplied by other companies. However, when they had to fill a difficult new product (a very thick, stringing food sauce) their existing machines could not cope. Adelphi came in to demonstrate the Adelphi Response which coped perfectly with this product, so an order soon followed!
18	This food manufacturer in London specialise in Greek foods, including dips. Their existing filler was too slow and inaccurate for their growing business, so they were looking for a new one. They met Adelphi at an exhibition and a demonstration of the Response filling their products on their premises showed that the Adelphi machine would increase their production, and the improved accuracy increased profits. They bought one!
19	This contract packer based in Newbury pack a wide range of food products including sauces, pastes etc into jars and bottles. They have automatic lines but wanted a semi-automatic machine for short runs. A demonstration on their premises showed that the Adelphi Response could fill their wide range of products with good speed and accuracy. They wrote a cheque on the spot, kept the machine and had it in production the same day! They subsequently received an order for filling sauces into pouches and purchased a second Adelphi Response together with two Adelphi Bag and Pouch filling machines.
20	This independent Scottish company were looking for a machine to fill their range of relishes and preserves. They saw the Adelphi Response at an exhibition, and a demonstration on their premises convinced them the machine could handle their range of products and was very easy to use and clean by non-technical staff.

21	This Australian company was assembling equipment for a demonstration kitchen/ food production area and wanted a versatile depositing machine. The Adelphi Response could handle the range of products anticipated, was easy to use and looked good!
22	This UK specialist food company already owned several Adelphi Centrair filling machines, which they were using for filling a variety of food products, including chocolate sauces (filled hot). They needed a new machine and naturally considered the Adelphi Response. A demonstration proved that it would handle their range of products with greater accuracy and speed than their existing machines so they bought one.
23	<p>The Adelphi Response is also making a name filling traditional hand-made ice creams. Insulated hoppers are available for this sort of application. For example, Doddington Dairy make superb old-fashioned ice-cream, the old-fashioned way, on a farm in Northumberland. They use fresh whole milk from their own cows and make their own flavourings using fudge, fruit, nuts and honeycomb. Their "Newcastle Brown" flavoured ice-cream attracted a lot of attention in the trade press and has led to an expansion of the Doddington business.</p> <p>This type of operation requires machinery that is extremely reliable as the ice-cream is normally manufactured from milk taken from the cows the same day. Neil Maxwell, owner of Doddington Dairy, commented, "Demand for our ice-cream is growing fast – especially for the recently launched "Newcastle Brown" flavour. The Adelphi Response filling machine has doubled our production capacity and Adelphi Manufacturing were very helpful".</p> <p>The Adelphi Response is currently being used by 8 independent ice-cream manufacturers to fill their traditional ice-cream into tubs very successfully.</p>

Olympus House  
Mill Green Road  
Haywards Heath  
West Sussex, RH16 1XQ  
ENGLAND



**Adelphi Manufacturing**

*Filling & Packaging Machinery*

Tel: +44 (0)1444 472300

Fax: +44 (0)1444 472329

[sales@adelphi.uk.com](mailto:sales@adelphi.uk.com)

[www.adelphi.uk.com](http://www.adelphi.uk.com)

## Adelphi Response: Reference stories for Cosmetics and Toiletries

1	This company in London has been an Adelphi customer for many years. They use essential oils to create distinctive aromatherapy personal care products including creams, shampoos and conditioners. They wanted a new machine to increase production and were keen to try the new Adelphi Response. They are now among the many customers who say how versatile, accurate and easy to use the new machine is!
2	This cosmetics company, based in Lichfield, produce a range of hair-care products and toiletries, some alcohol-based. They bought a new Adelphi Response filling machine in February 2004 and liked it so much they bought another one in June!
3	This leading personal care product retailer has a large factory in the UK where they make a very wide range of personal care products. Semi-automatic filling machines play an important part in providing flexibility in production, and the company had some old machines that needed to be replaced. There was an existing preferred supplier and other types of filling machine in the factory, but the company was willing to consider the Adelphi Response. A trial was arranged during which the Response was tested against another piston-filler and a gear-pump filler. The Response was faster, more accurate, more versatile and easier to use than the other machines and the first machine was purchased. A pneumatic cut-off nozzle was supplied, which staff there described as "the best nozzle of its type we have ever seen!" One Friday, some 4 months after the first machine was installed, we received a phone call from them to say they had a very urgent production requirement and desperately needed two more Adelphi Responses. We had all the necessary accessories in stock, and delivered both machines on the Monday, when they were put straight into production by a very appreciative customer. They have subsequently gone on to order 2 more machines, bringing the total on site to 5.
4	This customer is a manufacturer of premier branded cosmetics, toiletries and fragrances. Adelphi have been supplying filling and packaging equipment for many years (including a fully automatic line for filling creams). The company had several of Adelphi's Centrair semi-automatic filling machines and contributed suggestions and ideas for the new Adelphi Response during its development. Indeed, the company put a prototype Response through its paces before production of the new machine commenced. They then bought the first machine from the first production batch in October 2002 and put it into the laboratory where new products are formulated. Since then, they have bought a further 8 machines for use in production. Adelphi have supplied several special accessories to assist in production, including stainless steel turntables, on which two Adelphi Response machines are placed back-to-back to enable instant changeovers! (One machine can be used in production while the other is being stripped and cleaned for

	<p>the next product). "Spinning tables" for very thick creams have been another successful accessory. These purpose made tables house an Adelphi Response with a diving nozzle over a circular pocket with a rotating base. An empty jar is placed in the pocket and when the two-handed start buttons are pressed the jar spins, the nozzle dives and fills the jar as the nozzle rises. The spinning forces the cream to the side of the jar, eliminating air pockets. The spinning tables are designed to wheel up and operate over a conveyor. The first four supplied were so successful the company ordered another three! We are now in discussion about supplying an automated bed to automate up to four Adelphi Responses over a conveyor, complete with diving nozzles and gating.</p> <p>The parent company in Canada have now heard how effective the Adelphi Response is in the UK. They bought one machine, and within a few weeks of its arrival ordered a second one!</p>
5	<p>This customer in the South of England is continuing production of toiletries following a management buyout. They needed a new semi-automatic filling machine and chose the Adelphi Response because it is versatile enough to handle their wide range of products. They needed a machine quickly and were delighted when the Response was delivered, installed and the operators trained the next working day after their order was placed.</p>
6	<p>This company makes base products, which they sell to cosmetic and toiletry manufacturers, who add their own ingredients. They also undertake contract packing for some of their customers, and this side of the business is growing. They were looking for a new filling machine versatile enough to handle their wide range of products, including lotions, creams, gels and scrubs. The Adelphi Response was demonstrated to them at their factory, and they borrowed it for a week to test it on all their products. It performed so well they didn't want to let it go, so they bought it!</p>
7	<p>This company in London manufactures oral care and toiletry products. They had two old semi-automatic filling machines (from other manufacturers) and needed to replace one. The company took a cautious approach, looking at several machines at the PPMA and TOTAL exhibitions in the UK. They narrowed their choice down to two, and phoned Adelphi at 12.30 one day to arrange a demonstration. The Adelphi salesman visited their factory the following morning and set up the Response, filling a range of their products including liquids, thick pastes and products with particles in suspension. The Response was more accurate, faster and coped better with the variety of products than its rival, and less than 24 hours after making their phone call this customer confirmed their order and kept the machine!</p>
8	<p>This leading cosmetics manufacturer in Nigeria already had several Adelphi Centrair filling machines and were very happy with their performance. When they needed to replace old equipment they naturally turned to Adelphi for the new Adelphi Response, which is even better than its predecessor!</p>
9	<p>This cosmetics manufacturer in London needed a semi-automatic machine to fulfil a new contract, filling toffee-flavoured body-drizzle into bottles. They shopped around, and chose the Adelphi Response because it was able to fill the product without stringing or drips, and without the use of an expensive cut-off nozzle. The Response therefore offered better value than the competition, and also provides a great deal of flexibility for future use. Once they got the Response into production they found that output on this single, semi-automatic machine was faster than on their existing 4-head automatic filler!</p>

10	This manufacturer in Belgium make a range of natural remedies based on essential oils. They needed a new semi-automatic filling machine and found the Adelphi Response via our website. Discussions with our French-speaking export manager and a review of our promotional CD convinced them that the Response offered the flexibility and quality they required, and their order soon followed.
11	This West-Country cosmetics manufacturer has been loyal Adelphi customers for many years. They were pleased with their existing Adelphi Centrais, and when they needed a new filling machine they were happy to consider the Response. During a demonstration on their premises they quickly realised the Response could give them faster output, better accuracy, greater flexibility and a cleaner fill.
12	This well-established consumer healthcare company were already using Adelphi equipment for their toiletries production in Ghana, so they naturally turned to Adelphi when they needed two new semi-automatic filling machines to fill pure glycerine into bottles. The machines are set-up to fill directly from bulk via Adelphi's in-line non-return valves, and provide the accuracy, output and ease of use required. They later had another project requiring a machine in Nigeria filling baby oil and hair cream. A demonstration filling these products and good references from the previous project led to placing their order.
13	This manufacturer of luxury cosmetics are a long-standing Adelphi customer, having purchased automatic tube-filling machinery and a complete line for filling, capping and cartoning bottles and jars, and receiving good service and spares support from Adelphi. They were investing in new machinery to improve production and, in particular, they needed new semi-automatic filling machines for small runs of their high value products. A trial on site proved that the Adelphi Response could fill their complete range of products with greater accuracy and faster output than their existing machines. They were also interested in the idea of the Adelphi Response Automation System for future reference. They ordered 3 Response machines at once, together with and Adelphi Level Filler.
14	This South coast toiletries company needed a semi-automatic machine to fill their range of body scrubs. They conducted trials of several filling machines, but the Adelphi Response provided to be the best machine to fill these very thick products with the necessary accuracy, output and ease of use. After a few months of successful operation they bought an identical machine to send to their factory in Canada to fill the same products.
15	This company in the South of England, were planning a new factory for their luxury cosmetics and toiletries. Adelphi were invited to advise on the filling equipment required, and supplied and installed a package solution including 2 Adelphi Responses, infeed conveyor and collection table, other stainless steel furniture and a compressor. This equipment provides a very flexible line for filling cosmetics and toiletries, and the customer also bought an Adelphi Level Filler for filling valuable essential oils.
16	This London-based manufacturer of own-brand of cosmetics fills a wide range of cosmetics into tubes. Their existing filling machines (including a gear pump machine) could not cope with a new product, which was very thick and stringing. A demonstration showed the Adelphi Response could fill this difficult product with ease, and would also fill their complete range of products.
17	This small business, based at a historic garden in Cornwall, make a range of certified

	organic skincare products. They met Adelphi at an exhibition and discussed how they could expand their production. A demonstration of the Adelphi Response on their premises showed it could fill their range of liquids, lotions and creams with ease and accuracy, and the machine could achieve the quality of finish that they required.
18	This UK cosmetics manufacturer is well-established in their own right, but are also contract packers for several high-street shop own-brand products. They already had Adelphi Centrair filling machines, but they needed to invest in new equipment to meet demand. A demonstration of the Adelphi Response on their premises showed it was faster, more accurate and easier to use and clean than its predecessor. Extensive trials proved the machine could fill their very wide range of products, and they ordered four machines to work in two linked pairs over conveyors.
19	This Peterborough-based company are a very successful, family-owned business who make high-quality cosmetics and toiletries in various formats. Adelphi had supplied a tube-filling machine to them and they subsequently wanted a semi-automatic machine for short runs of high-value creams, oils, scrubs etc. They had an Adelphi Response on trial for a week and were delighted with its accuracy (which avoided expensive wastage), versatility and ease of use. A machine was ordered and delivered within a week.

Olympus House  
Mill Green Road  
Haywards Heath  
West Sussex, RH16 1XQ  
ENGLAND



**Adelphi Manufacturing**  
*Filling & Packaging Machinery*

Tel: +44 (0)1444 472300  
Fax: +44 (0)1444 472329  
sales@adelphi.uk.com  
www.adelphi.uk.com

## Adelphi Response: Reference stories for Industrial / Chemical Products

1	This UK chemical company produces silicone in two main formulations: a viscous liquid and a thick grease. Having used an Adelphi Centrair semi-automatic filling machine they were interested to see the new Adelphi Response. They bought two Responses; one dedicated to filling the silicone grease, the other to the silicone oil. However, both machines are interchangeable, providing production flexibility.
2	This leading car-care manufacturer went to the UK TOTAL exhibition in April 2004 with the intention of placing an order for a new semi-automatic filling machine. They were on their way to visit the stand of one of Adelphi's competitors when they walked past the Adelphi stand and the Adelphi Response caught their eye. One thing led to another, and after a successful demonstration of the machine on the company's premises a few days after the show they ordered their first machine. They are filling 1L plastic containers with radiator corrosion-inhibitor directly from bulk. This is a foaming liquid, but the optional two-speed filling available on the Adelphi Response allows a very fast initial fill, with a slower top-up to finish. The company was delighted with the accuracy and output they achieved. So delighted that they ordered a second Adelphi Response within a month, and a third Response (for a different product) 2 weeks later!
3	The R&D department at this leading consumer products manufacturer was looking for a machine to fill a newly-formulated shoe polish into tubs and tubes for pre-production trials. After a successful demonstration they purchased an Adelphi Response together with a tube sealer. Subsequently the QA department wanted a machine for testing a variety of household products including cleaners. A demonstration of the Response showed it could handle the range of products with the ease of use required.
4	This contract manufacturer needed a new filling machine to fulfil a contract for filling a special paste (similar to wallpaper paste) into plastic bags. They chose the Adelphi Response because it delivered the accuracy and output required, and Adelphi were able to offer a trade in on their old Centrair filling machine as well as offer immediate delivery of a new Response from stock.
5	This Midlands manufacturer had an Adelphi Centrair and when they needed a new filling machine were happy to consider the Adelphi Response. Their acetone-based sealant cures very rapidly in contact with air, but Adelphi were able to provide seals compatible with the products and, effectively, an air-tight path for the product from the bulk container to the bottle. A demonstration filling their product on their premises convinced them that the Response was the right machine for the job.
6	This long-established customer in Zambia has been using a number of Adelphi Centrair

	<p>machines to fill liquefied detergent into plastic bags. They needed to replace some of the older machines and, because those machines had worked so well and the service support from Adelphi was good, it was natural that they should upgrade to the Adelphi Response and they ordered 3 of them.</p>
7	<p>This UK company are developing a new solvent-based product that they want to fill in small batches. They trialed several machines, but the Adelphi Response gave the accuracy and speed they required.</p>
8	<p>This contract packer in France is subsidised by the French government to employ disabled people. They needed a machine for filling their range of products and bought one from another supplier, but found it would not provide the output and accuracy they needed. The Adelphi Response, on the other hand, was just the job so they bought one!</p>
9	<p>This UK company are having their hemp-seed oil based product (fish-bait) filled by contract packers. It is a difficult, thick product that the contract packer's existing machines could not fill. A demonstration of the Adelphi Response showed it could fill the product with the speed and accuracy required, so the customer bought it for delivery to the contract packer.</p>
10	<p>This London-based company makes floor paints, sealants and epoxy resins and fills them into tins. They had a new liquid sealant that was very difficult to fill, and their existing filling machine could not cope. A demonstration with the Adelphi Response on this difficult product gave perfect results and the Response could easily handle the rest of their range, so the machine was ordered on the spot and left behind!</p>

Olympus House  
Mill Green Road  
Haywards Heath  
West Sussex, RH16 1XQ  
ENGLAND



**Adelphi Manufacturing**

*Filling & Packaging Machinery*

Tel: +44 (0)1444 472300

Fax: +44 (0)1444 472329

[sales@adelphi.uk.com](mailto:sales@adelphi.uk.com)

[www.adelphi.uk.com](http://www.adelphi.uk.com)

## Adelphi Response: Reference stories for Pharmaceutical Products

1	Under the UK National Health Service a number of hospitals have Pharmacy Manufacturing Units. The Adelphi Response has been supplied to 6 of these units: 2 in the south of England, 2 in the north and 2 in London. The products being filled include pharmaceutical creams, lotions and alcohol-based liquids, into jars, bottles and tubes.
2	A successful independent pharmaceutical manufacturer was looking for a new filling machine to increase production of their pharmaceutical suspensions. After trials they selected the Adelphi Response, which is connected directly to their bulk product via pipework with a non-return valve. A year later, when demand for their products had increased still further, they purchased a second Response to work alongside the first.
3	This rapidly-growing company in London makes a range of pharmaceutical liquid products. Adelphi had previously supplied them with automatic filling machinery and process equipment, and were delighted to have the opportunity to supply the Adelphi Response for filling a syrup into jars. The syrup is drawn from bulk containers via a stand-pipe with a non-return valve, sized to fit through the opening of a standard 200L plastic drum.
4	This small, independent manufacturer in Scotland wanted a new filling machine to increase production of their pharmaceutical creams, being filled into jars. The Adelphi Response was demonstrated filling their products on their premises, and an order for the machine soon followed.
5	Adelphi had previously supplied filling machinery and other pharmaceutical equipment to hospitals in Kuwait, and had the opportunity to supply new filling machines. An Adelphi Response was bought for trials in a hospital pharmaceutical dispensary, with a view to purchasing more of these machines for other hospitals in the region.
6	This organic pharmacy in London, was a thriving retail business. Originally, production was subcontracted but they decided to bring it in-house. Adelphi provided advice on the equipment they would need, and once they had found suitable premises they ordered the Adelphi Response because it was simple to use for non-technical operators and provided the quality and accuracy they needed.

7	This small pharmaceutical company in Finland were originally interested in our hand-operated filling machine for filling creams and gels into tubes and bottles. However, when our local representative demonstrated the Adelphi Response they soon appreciated the benefits of this machine, including its versatility, accuracy, GMP features and ease of use.
8	This company in Ireland make a veterinary cooling gel for horses. They wanted to pack it into syringes and needed a semi-automatic machine that could handle the viscosity of the gel and fill via the neck of the syringe. Adelphi designed a special syringe-filling adaptor for the Adelphi Response and trials with the product proved that the machine could back-fill the syringes with the required accuracy, output and ease of use. An order for the machine soon followed.
9	This pharmaceutical manufacturer in Slovenia makes a very wide range of products, including gels, ointments, liquids, lotions and creams and fill them in many different volumes into tubes, jars and bottles. They visited Interpack 2005 to find suitable equipment to fill their range of products and saw the Adelphi Response filling liquids and creams on the Adelphi stand. They soon realised that this one machine could fill all their products into all their containers and provided samples for Adelphi to assess and advise on the right accessories. The Response filling machine is being supplied with a heated hopper, stirrer and a wide range of nozzles (including a spray-end nozzle for foaming liquids) to suit their complete range.
10	This pharmaceutical manufacturer in the South of England were an existing Adelphi customer. Their existing filling machine with gear pumps was not accurate enough, too slow and unable to fill their cream products. A demonstration of the Adelphi Response on their premises proved that this machine could fill all their products faster and with greater accuracy. Adelphi were also able to provide IQ/OQ documentation tailored to meet their exact requirements, and were willing to assist with training and IQ/OQ during installation.
11	This Yorkshire-based contract packing company are a long-established Adelphi customer and are operating automatic tube-filling machines supplied and serviced by Adelphi. They needed a semi-automatic filling machine that would fill the wide range of products they encounter at good speeds and with good accuracy, whilst maintaining pharmaceutical standards of hygiene. Trials filling their products proved very successful and an order soon followed.
12	This Hong Kong-based manufacturer of pharmaceutical creams and lotions were happy with their existing Adelphi filling machine and the support they received from Adelphi, so when they needed a new machine they naturally considered the Adelphi Response. The Response met all their requirements, with the added benefit of being able to re-use their existing hopper.
13	This leading consumer healthcare company was developing a prototype applicator for dispensing a medical gel. They needed a semi-automatic machine for dosing the gel very accurately into the applicator, with a particular fill pattern. They invited several suppliers to demonstrate their machines, and chose the Adelphi Response because it gave the best results.
14	This Australian company wanted to fill a variety of pharmaceutical lotions and emulsions. The products required heating and agitation during filling. The Adelphi Response was able to achieve this using a heated hopper and integral stirrer, and provide the accuracy and ease of use required.

15	This UK start-up company was introducing a wide range of herbal and homeopathic remedies in various formats. They looked at several filling machines and chose the Adelphi Response because it could handle their complete range of products and provided the GMP features they required at an affordable price.
----	--