

# Tailor-made solutions for the healthcare industry

Your demand is our challenge



OEM. The B2B division of B. Braun.

**B | BRAUN**  
SHARING EXPERTISE

## Whatever you need: We have the solution

Since 1839, B. Braun has been supplying the global healthcare market with first-class medical products and services that help optimize the working procedures in hospitals and medical practices. In addition, safety is improved – for patients as well as doctors and nursing staff.

As an independent sales channel, B. Braun OEM offers a comprehensive portfolio of products and services for healthcare companies in the following fields:

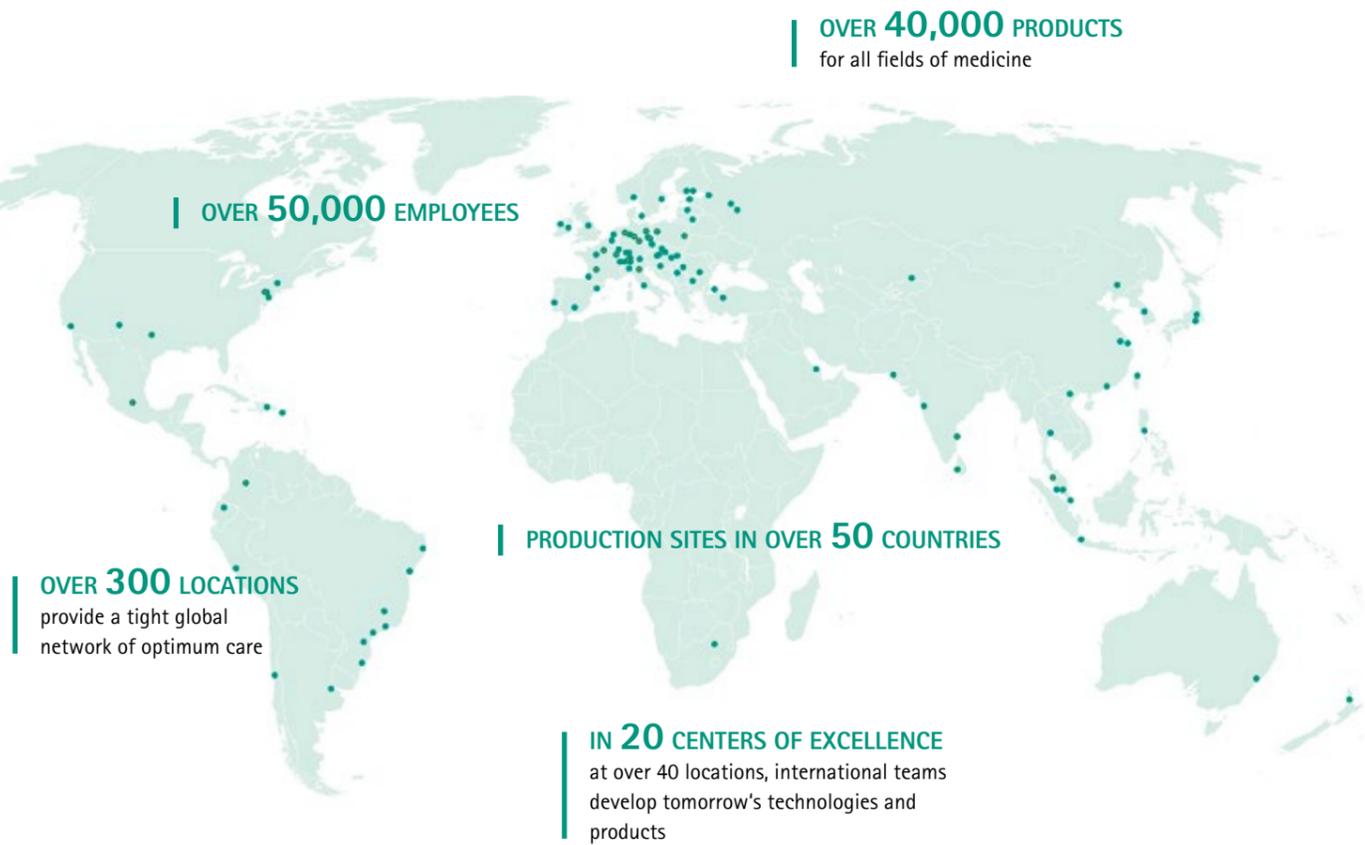
- Contract manufacturing of parenterals
- Medical devices for the application of parenteral drugs
- Product development, combination and market-specific adaptations
- Regulatory support and technical documentation
- Competent local sales managers and international project managers

In this way, B. Braun OEM provides a unique combination of extensive competence from a single source.

### **Your advantages by cooperating with B. Braun OEM:**

You save time, costs, and manpower when preparing specific product versions for different target groups and markets. Simultaneously, you benefit from the experience and expertise of a globally operating organization. The end-users of your drugs will appreciate the fact that with B. Braun you are backed by a trusted partner, whose products have been known for decades for their quality and reliability.

# Wherever you're planning to go: We are already there



With production sites in different countries, B. Braun provides contract manufacturing as well as the production of market-ready products for you. We guarantee consistent high quality at all times and in every production site, compliant to international quality standards: Whether we fill-and-finish your drugs, manufacture your medical devices, or if you rely on our range of more than 40,000 established products.



Our international sales team is always at your side.

### First-class quality products

All of our production sites are subjected to B. Braun's comprehensive quality assurance system, which meets the highest quality standards. We ensure a high level of supply reliability and thereby the availability of your products in the market.

### We take your success personally

Our aim is your success. You are accompanied competently by our local sales managers. They also make sure that your product is perfectly suited for the respective market requirements. Our international project managers ensure professional planning and coordination of your project – from the original concept up to the final product.

Right from the start, you benefit from our personal support for a successful market launch.



Our project managers ensure professional planning and coordination of your project.

### Regulatory support and technical documentation

B. Braun OEM provides you with all necessary documentation to meet national and international regulations. We carefully monitor the quality and safety of the products we develop for you. In addition, B. Braun OEM has proven expertise in medical product licensing and registration.

### Our support

- Global registration
- Technical documentation
- Product master files
- Label, leaflet, design

# The choice is yours: Our products

Regardless of whether our standard products are involved, or customer-specific solutions that are matched precisely to your needs: You can rely on our years of know-how in all fields of infusion and injection and our extensive consultation competence to materialize your ideas.

## Our extensive product portfolio

For more than 170 years, B. Braun has been developing and producing high quality medical products that are used worldwide. Even our standard range contains hundreds of product versions, with which countless applications can be implemented.

### Standard products

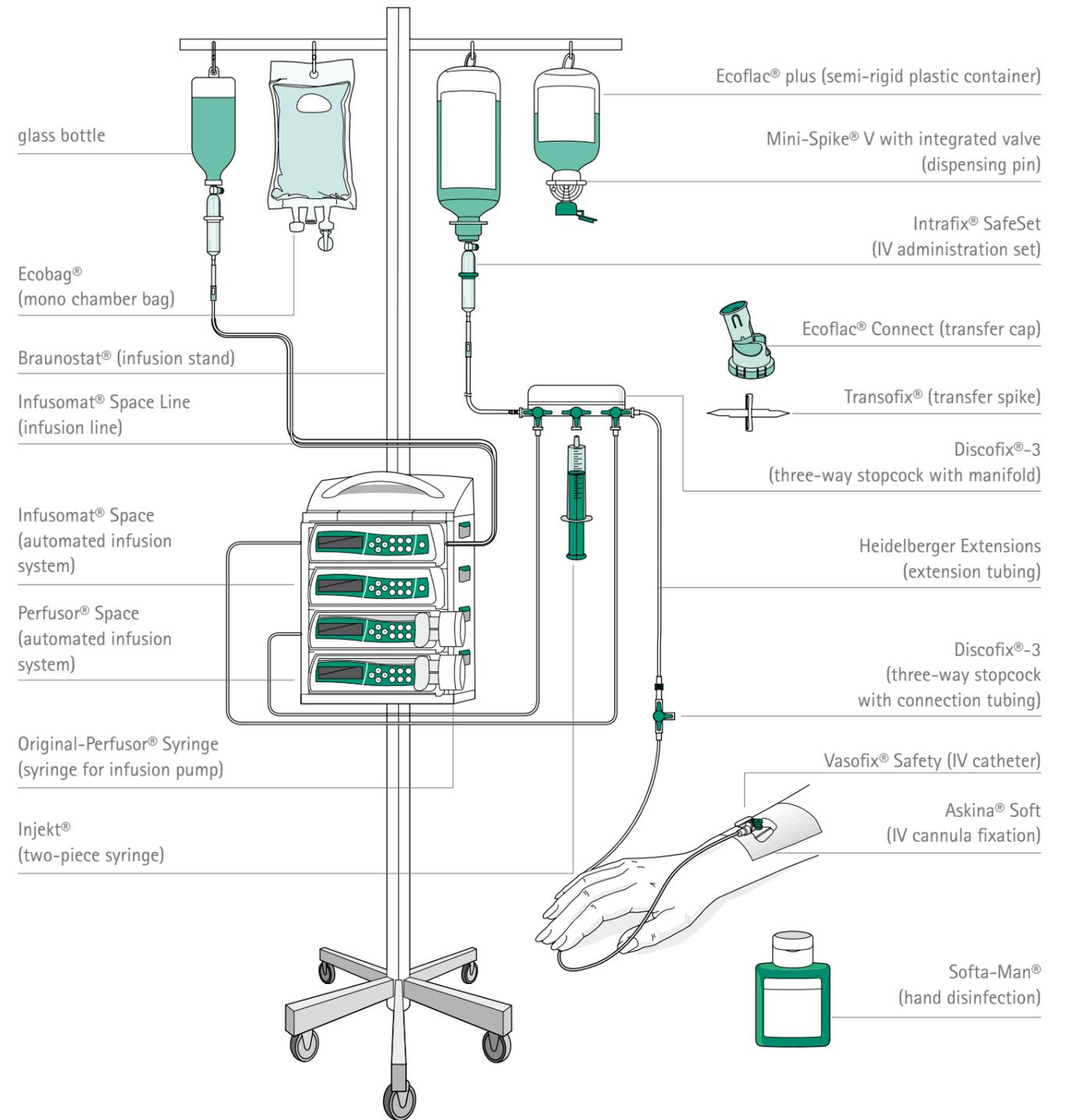
- Infusion and injection solutions
- Medical devices for drug admixture
- Automated infusion pumps
- Products for venipuncture and injection
- Products for infection prevention

## Your added value

We are specialized in developing customer-specific solutions for you. Most of our products can be individually adapted to your requirements.

### Customized products and services

- Contract manufacturing
- Product development and private labeling
- Product combination



The products serve as example only.



# Contract Manufacturing

Your drug – our expertise

# Your drug in good hands: Pharmaceutical production at B. Braun



If you are searching for a reliable partner for contract manufacturing of your drugs, B. Braun OEM is the pick of the bunch. Based on our profound experience, we manufacture and fill pharmaceuticals according to your needs.

### First class treatment for your drugs

Every day pharmaceutical companies rely on our in-depth knowledge in pharmaceutical production and project management to achieve cost efficiency and a faster time-to-market. Take advantage of our expertise in the field of processes, solutions, containers, materials and compatibility – our technology is destined to meet all of your requirements.

Our European production facilities deliver high quality through GMP compliance, high-quality raw materials, advanced technology and a skilled workforce.

### We fill ...

- solutions for irrigation, infusion therapy and volume replacement
- standard injectables and anesthetics
- dermatological products like creams, gels and pomades

### Private labeling

Our containers are available either with a B. Braun label or an individual private label: We are capable of producing your labels, imprints and wrappings.

Container type	Berlin Germany	Melsungen Germany	Jaén Spain	Rubí Spain	Crissier Switzerland	Roth Germany
Mini-Plasco®	■			■		
Mini-Plasco® connect	■					
Mini-Plasco® basic	■					
Glass ampoules	■		■			
Glass vials		■	■			
Ecoflac® plus		■		■	■	
Glass bottles		■		■		
Ecobag®					■	
Nutriflex®/NuTRiflex®		■			■	
Ecolav®				■		
Ecotainer®		■				
Tubes/containers for topical drugs			■			
Sachets						■
Pouches						■
Drink ampoules						■

Product type	Berlin Germany	Melsungen Germany	Jaén Spain	Rubí Spain	Crissier Switzerland	Roth Germany
Electrolyte solutions		■	■	■	■	
Standard solutions		■	■	■	■	
Volume replacement		■		■	■	
Standard injectables	■	■	■			
Anesthetics	■	■	■	■		
Amino acid solutions		■			■	
Lipid emulsions	■	■				
Glucose solutions	■	■	■	■	■	
Irrigation solutions		■		■	■	
Topical drugs			■			
Dry substances			■		■	
Enteral nutrition						■

# Perfect shelter for your liquids: Our full range of plastic and glass containers

B. Braun provides you with plenty of plastic and glass containers that preserve the integrity of your drug. No matter what you're looking for: We are able to produce standard and custom solutions in small and large volumes.



Be sure to find exactly the right container for nearly every kind of liquid – in a variety of sizes and designs. On request, we will conduct a stability and compatibility study for your product.

You can benefit from our all-inclusive system solutions from a single source: Our product portfolio provides a wide range of medical products that fit perfectly to the container selected by you.

### Quick and easy: Finding the appropriate container

Our ConComp database supplies easy access to information concerning the stability of drugs in various combinations of active ingredients, diluents and container materials. Register now at [www.concomp-partner.com](http://www.concomp-partner.com) and give it a try – you're only a few steps away from a solution that fits.



Plastic bottles	Plastic bottles	Plastic bottles	Plastic ampoules
<b>Ecoflac® plus</b> 50 ml filled in 100 ml, 100 ml, 250 ml, 500 ml, 1000 ml	<b>Ecolav®</b> 30 ml, 100 ml, 250 ml, 500 ml, 1000 ml	<b>Ecotainer®</b> 250 ml, 500 ml, 1000 ml	<b>Mini-Plasco®</b> 5 ml, 10 ml, 20 ml
<b>Material:</b> PE-LD	<b>Material:</b> PE-LD	<b>Material:</b> PP	<b>Material:</b> PE-LD



Plastic ampoules	Plastic ampoules	Glass bottles	Glass vials	Glass ampoules
<b>Mini-Plasco® connect</b> 5 ml, 10 ml, 20 ml	<b>Mini-Plasco® basic</b> 10 ml	100 ml, 250 ml, 500 ml, 1000 ml	2 ml, 5 ml, 10 ml, 20 ml, 50 ml, 100 ml	1 ml, 2 ml, 3 ml, 5 ml, 10 ml, 20 ml
<b>Material:</b> PE-LD	<b>Material:</b> PP			



One-chamber-bags	Two-chamber-bags	Three-chamber-bags	PVC Bags	EVA Bags
<b>Ecobag®</b> 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml, 3000 ml, 5000 ml	<b>Nutriflex®</b> 1000 ml, 1500 ml, 2000 ml	<b>NuTRiflex®</b> 1250 ml, 1850 ml, 2500 ml	3000 ml, 5000 ml	<b>One-chamber-bag</b> 150 ml - 5000 ml Customizable ports
<b>Material:</b> Multi-layer co-extruded film	<b>Material:</b> Multi-layer co-extruded film	<b>Material:</b> Multi-layer co-extruded film	<b>Material:</b> PVC	<b>Material:</b> EVA single-layer clear or yellow and EVA multilayer



EVA Bags	Tubes	Pouches	Sachets	Drink ampoules
<b>Two-chamber-bag</b> 1500 ml - 4000 ml Customizable ports	2 g - 70 g	200 ml, 500 ml, 1000 ml	5 g - 30 g	25 ml
<b>Material:</b> EVA single-layer clear or yellow and EVA multilayer	<b>Material:</b> Aluminium or PE	<b>Material:</b> Aluminium compound <b>Application:</b> Enteral nutrition	<b>Material:</b> Aluminium laminate <b>Application:</b> Nutrition supplements	<b>Material:</b> PET <b>Application:</b> Nutrition supplements



# Product Development

Customized solutions – made for you

# Safe infusion therapy adapted to your needs: Create your individual product

If you cannot find a suitable product in our 40,000 products range, we are happy to provide you with your individual solutions – from product variation to complete new developments.



Especially in the field of safe infusion therapy, we have played a leading role for many years, and are able to offer an extensive range of individual products for every need.

Whether infusion or injection solutions, venipuncture products or other medical components from our comprehensive portfolio: On request, we will develop customized medical devices. Benefit from our experience and expertise for success in your own business.

## 1 One of our standard products

Omnifix® syringe (10 ml) with a 0.5 ml graduation and a transparent plunger.



## 2 Your choice

Define graduation, imprint and color of the plunger



## 3 This could be your product

Syringe (10 ml) with a 0.25 ml graduation, your logo and a red colored plunger.



The example above displays quite a simple case of product individualization by B. Braun OEM. Usually our customers' requests tend to be much more complex. So don't hesitate to tell us about your specific needs: We're looking forward to developing a suitable solution for you!



## Product Combination

One concept – countless possibilities

# Customized application kits for every need: Our all-inclusive solution

You have invested years of development work and all your expertise into your drugs. Therefore, it is all the more important that your drugs are administered exactly as you have intended. To be on the safe side, simply use our medical products to configure an individual application kit that corresponds exactly to your needs.

## Our products

Thanks to B. Braun's extensive portfolio of products and services, you have a wide range of possibilities: Combine our medical products, standard or customized, with your drugs to create ready-to-use application kits.

The same applies for the packaging: You can select the most suitable box from our standard assortment, or decide for an individual version.

## Our service

Our kit packing portfolio is completed by the preparation of technical documentation, together with our global support during registration of the finished set. Hereby, our experienced project management team provides detailed and competent consultation – from the initial idea to product launch.



Products for drug admixture



Infusion and transfusion accessories

## Comprehensive solutions from a single source

With kit packing from B. Braun we offer an integral and consistent one-stop system solution. This ensures that the medical products of your set are optimally matched and of the same high quality. Another advantage of our extensive portfolio: Even with complex products you are always dealing with just one competent partner. This not only saves your time and money, but also reduces friction losses during the coordination of your project. In a nutshell: Your product's time to market is reduced, and patients are able to use your product as you have intended.

## We offer...

- A comprehensive range of top-quality medical products
- Sterile and non-sterile product versions
- Integral system solutions that are conducive to therapeutic successes
- Decades of experience in the pharmaceutical industry
- Optimized internal processes for fast and successful market introduction
- Competent and experienced project teams



Customized B. Braun application kit

# The B. Braun Kit Creator: Create your kit in 4 steps

With our new Kit Creator we have developed an innovative tool that allows you to configure your individual kit in just four steps. Simply select the components that are best suited for your drug and the market-specific requirements.

- 1** Drug description & name of the kit  
Enter the description of the drug for which you want to configure a kit as well as the name for the kit.  

  - 2** Medical devices  
Select the components of your kit – from high-quality products for drug administration through infusion devices and venipuncture products up to wound care dressings.  

  - 3** Box sizes  
Determine the packaging for your kit. Choose one of our standard boxes or a customized packaging that is designed according to your specific needs.  

  - 4** Target markets, quantities, etc.  
State in which country the kit is to be marketed, what quantities you need, and which demands are to be placed on the label.  

-  **Technical documentation** Related to your request, we provide you with corresponding documents and check registration issues.

Simply visit [www.kitpacking-bbraun.com](http://www.kitpacking-bbraun.com) and try out.

