Our customers are at the center of our interest and have guided our ideas and actions since 1952. We specialize in the development and manufacturing of high-quality processing equipment for sealing compounds, glues and hot-melt adhesives. The devices are designed for the professional user. Due to our high level of in-house production, we are largely independent of suppliers and thus very flexible. We react without delay to changing market conditions and the wishes of our customers. We stand apart from our competitors due to the fact that, in addition to the existing product lines (standard products), we offer short-term customer-specific problem solutions (special productions). Beyer & Otto GmbH is exceptionally innovative and export-oriented. Approximately 60 % of our annual production is delivered to more than 40 countries around the globe.

Quality at a reasonable price is our uppermost principle. Our customers, who include all of the renowned manufacturers of sealing compounds, glues and hot-melt adhesives, value this attitude. Compliance with delivery deadlines and optimal customer service are a matter of course for us. We are continually interested in establishing new business relations based on mutual trust, and we would be thrilled to win you over as a new partner.

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Beyer & Otto GmbH
GN-Line

The processing devices of the GN Line are professional devices that meet highest requirements. They are designed and developed for continuous daily use. The ergonomic design of the handles and the ball bearing transport mechanism allow for an extended, fatigue-free operation. The completely enclosed handle piece made of PA6 with 30% glass fiber offers additional protection for the mechanism against environmental impact and day-to-day contamination.

The entire mechanism, including the unique transport rod with a square cross-section, is fully hardened, giving the GN Line an exceptionally long service life.

Highlights
- Fatigue-free operation due to ergonomic design
- Optimum transmission ratio due to ball bearing transport mechanism
- Transport rod and mechanisms made of hardened steel
- Completely enclosed housing made of PA6 with 30% glass fiber
- Quick and easy replacement of cartridges and foil bags
- Maintenance-free use
- The thumb-triggered backflow stop prevents subsequent dripping of the material
- Suitable for materials with high, medium and low viscosity

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<tr>
<th>Content volume</th>
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S-Line

The processing devices of the S line are designed and manufactured for the highest level of continuous and professional use. These pneumatic discharge devices work with a maximum pressure of 8 bars in continuous operation. All components in the pressure cycle (valves, regulators, etc.) are made of aluminum. The housing and the attachment parts are made of PA6 with 30 % glass fiber and are designed with a higher wall thickness, which renders them particularly resilient and durable.

The S Line comes with an integrated pressure reduction valve, which helps ensure better working processes and higher quality. (Explanatory note: in a pressure reduction valve, the pressure is actually adjusted in bar; many other products use an outlet valve, which only regulates the outflow and not the working pressure)

In addition, the S Line comes equipped with a quick exhaust valve, which assures that the air can abruptly escape from the pressure area, thus preventing subsequent "dripping" of the material.

Like all other product types of the company Beyer & Otto GmbH, the S Line has a modular design, with the modules compatible both internally as well across other product types.

**Highlights**
- Pressure reduction valve (consistent working at even pressure)
- All components in the pressure area are made of aluminum
- Plastic parts made of reinforced PA6 with 30 % glass fiber
- Quick exhaust valve (no running of the material - dripless)
- All parts available as spare parts
- Suitable for materials with high, medium and low viscosity

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The SP and SVV Line by Beyer & Otto are 100% designed and manufactured in Germany; for decades, their basic structure has been proven in practice yet continually advanced.

The SP Line is an extrusion line for high-volume use, up to a working pressure of 15 bars (217 psi).

The SVV Line makes use of the SP Line's modular kit and is equipped with an additional pressure reduction valve and a vacuum valve. This means that the SVV Line can be used both for applying as well as for suctioning material.

The slighty angled handle, manufactured with die-cast aluminum, perfectly adjusts to the various work areas, whether on the floor, the walls or on the ceiling.

Due to its modular design, these product lines can be universally employed, both for low-volume use (approx. 600 ml) such as repair work or high-volume use (up to 4,500 ml) for extensive applications. The different lines can also be combined with each other. This means that you can cover almost the entire 1K area with the SP and SVV Line, regardless of whether you use loose material or material in containers.

The SP and SVV Lines constitute the most high-grade and durable processing equipment in the pneumatic sector.

**Highlights**

- Devices can be switched over from pressure to vacuum
- Working pressure up to 15 bar (217 psi) possible
- High-quality finish in aluminum and steel
- Specially developed piston systems
- Modular design – can be combined with each other
- Suitable for materials with high, medium and low viscosity

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The devices of the HB Line convince by their light yet durable design. They are equipped with a special, die-cast-manufactured aluminum skeleton handle, which is able to withstand even very high forces. All plastic components are made with extra thick walls of PA6 with 30% glass fiber and continue to be manufactured in Germany. The increased wall thickness renders these parts extremely sturdy and ensures the required longevity and stability in the devices' overall design.

In addition, the HB Line contains various, specially developed piston systems, which also allow the suctioning of materials, among others.

**Highlights**
- Extremely light finish
- Ergonomic design
- For foil bags, cartridges and loose material
- Quick and easy cartridge exchange
- Maintenance-free application
- No dripping of the material – due to thumb-trigger backflow stop
- Device can be pivoted
- Suitable for materials with medium and low viscosity

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Mixing stand with base and agitator spiral (set)
This device is used for mixing the materials in the cartridge.
The cartridge is clamped into the mixing stand and mixed by means of a manual drill and the agitator spiral.
Depending on the viscosity, a mixing time of up to 3 minutes is required.

VA bucket 5.0 liters
The mixing and filling of materials may also be done in VA buckets.
In this case, the container bracket is not required.
The VA bucket “MUST” be cleaned once the work is finished and can thus be reused repeatedly.

Plastic nozzle “HB”

Plastic nozzle “P” M 22x1 (with external thread)

Plastic nozzle “P” with flange

Agitator spiral for cartridge
Used for mixing the material in cartridges (310 ml)
Weight: approx. 300 g

Agitator spiral for containers
Used for mixing the material in the cans.
(2.5 l)

Container bracket
Used for mixing the material in the can 2.5 l.
(Hobbock)

Follower plate 50: for SVV-50 and HB-365/AN
Used for suctioning from the can (2.5 l) or VA bucket (2.5 or 5.1) into the processing device.

Follower plate 70: for SVV-70/560 ; SVV-70/960 and GN-70/560
Used for suctioning from the can (2.5 l) or VA bucket (2.5 l. or 5.0 l.) into the processing device.

VA bucket 2.5 liters
The mixing and filling of materials may also be done in VA buckets.
In this case, the container bracket is not required.
The VA bucket “MUST” be cleaned once the work is finished and can thus be reused repeatedly.
**Accessories Sealing Components**

**Plastic nozzle “K”**
Standard nozzle for foil bags, short.

**Plastic nozzle “KL”**
Standard nozzle for foil bags, long...

**Plastic nozzle “K” with spikes**
as nozzle “K”, but with integrated spikes that automatically pierce the foil bag, thus preventing the cumbersome process of cutting open the bag.

**Plastic nozzle “KB”**
special nozzle for 2-K cartridges that are mixed in the mixing stand, seals on a cone and is made of soft and highly durable plastic; also well suited for the use with foil bags.

**Plastic nozzle “P” M 22x1 (with external thread)**
Our in-house nozzle, specially developed for the requirements of the SVV Line, here in particular for the SVV-50.

**Plastic nozzle “P” with flange**
Our in-house nozzle, specially developed for the requirements of the SVV Line, here in particular for the SVV-70.

**Plastic nozzle “F”**
This nozzle fits all regular 310 ml plastic cartridges.

**Elbow piece B&O**
This elbow piece fits all 310 ml plastic cartridges; with its ball joint, it even allows work in areas that are difficult to access.

**Silicone grouting spatula set**
This set of silicone grouting spatulas offers many applications, and 4 different spatulas enable you to grout all standard and specialized joints with perfection. Moreover, the individual spatulas are securely stored in a slender and solid case.

**HooverMax Blow pump 14”**
Plastic gray/black; hose connection with turnable kink protection, can be rotated 360 degrees
Diameter: 64mm; total length: 420mm (pipe length 370mm)
Hose length: 370mm; Weight: 0.214kg

**HooverMax Blow pump 7”**
Plastic gray/black; hose connection with turnable kink protection, can be rotated 360 degrees
Diameter: 64mm; total length: 235mm (pipe length 185mm)
Hose length: 190mm; Weight: 0.144kg

**Piston HB**
Specially developed piston system by the company Beyer & Otto GmbH for the processing of loose materials, perfect for use with the HB und SVV Line.

**Piston KxM8**
One piston – one promise: practically no residual material in the foil bag
Thanks to this piston’s shape, which perfectly fits the nozzle, hardly any material remains in the bag.

**Piston K with groove sealing ring**
The same design as piston KxM8, but equipped with an additional groove sealing ring and thus perfectly adapted to our pneumatic series, the S Line.
This product line contains two types of processing devices for the application of hot-melt adhesives. These are the TS-215/HN and the TS-215/G. They differ in the aspect of temperature regulation: the TS-215/HN has a very exact (±1°C) electronic temperature regulation by means of ETR, while the TS-215/G works with a fixed thermostat, which is preset with the temperature desired by the customer.

Both models are suited for the pneumatic processing of hot-melt adhesives in 310 ml aluminum cartridges or in the refillable steel multi-use cartridges manufactured by Beyer & Otto. The devices can also be used for “overhead” applications, and the cartridges are opened automatically by means of a spike. The devices include a rack with a pressure reduction valve and a manometer for setting and reading the extrusion pressure. Both devices come with a wide spectrum of nozzles with check valves, which can also be modified as special nozzles according to the customer’s request.

An integrated thermal fuse prevents the device from overheating. To allow uninterrupted working with the TS-215/HN and the TS-215/G, we additionally recommend the KVG Line.

Electronic temperature regulator ETR-100/D

The desired temperature (30° – 200° C) can be adjusted at the electronic temperature regulator ETR-100/D. This device is equipped with a microprocessor.

Temperature accuracy ±1° C

The target / actual value can be read at the display.

The integrated temperature fuse prevents the material from overheating.

Technical data

- Heating range: 30° – 200° C
- Heating time: approx. 20 – 50 minutes
- Air consumption: approx. 30 l/minute at 4 bar
- Weight: approx. 1900 g
- Connected load: 230/115 V, 50-60 Hz
- Heating output: 400 Watt
- Output volume: 60 g/minute max.
- Working pressure: 1 – 6 bar
KVG-2 with inbuilt thermostat
Cartridge preheating device with inbuilt thermostat. Fixed temperature settings in the
range between 30° – 180° C for 2 Euro cartridges (approx. 300 ml).
Depending on the material, the required heating time is between 30 to 60 minutes.
Technical data:
- Connection: 230/115V, 50 – 60 HZ
- Heating output: 400 Watt
- Capacity: 2 aluminum cartridges
- Weight: 3300 g

KVG-2 adjustable
Cartridge preheating device with bimetal thermostat (30° – 180° C) for 2 Euro cartridges (approx. 300 ml) adjustable
Depending on the material, the required heating time is between 30 to 60 minutes.
Technical data:
- Connection: 230/115V, 50 – 60 HZ
- Heating output: 400 Watt
- Capacity: 2 aluminum cartridges
- Weight: 3300 g

KVG-4
For 4 Euro cartridges (300 ml) with electronic time and temperature control. The temperature can be set in a range between 30 – 190 °C (+/ – 1 °C) and can be read digitally.
Technical data:
- Connection: 230/115V, 50 – 60 HZ
- Heating output: 400 W
- Heating range: approx. 30° to 190° C
- Heating time: 20 – 60 minutes
- Capacity: 4 cartridges at 310 ml (diameter 49 mm)
- Weight: approx. 4900 g
- LxWxH: approx. 220 mm x 235 mm x 170 mm

KVG-6
This device was manufactured especially for the automobile industry. It allows the simultaneous heating of 6 x 600 ml foil bags.
The on/off switch is illuminated in red. Switch the device on; if the green signal light is on, the device preheats to the desired temperature. The heating time depends on the temperature specified by the customer. The temperature is set at the factory by Beyer & Otto GmbH in accordance with the customer’s requirements. (This can be changed at any time at the customer’s request and in consultation with Beyer & Otto GmbH)
Once the green signal light turns off, the preset temperature has been reached.
The device is protected by a fuse (F3-15A) on the back panel.
The heating time of the material to be processed depends on the material’s consistency. (See manufacturer’s technical data sheet)
Technical data:
- Performance: 2 x 630 W
- Connection: 230 V; 50/60 Hz (cold-device plug)
- Temp. range: 40°C – 200°C
- Fuse: F3 – 15A

Mobile gluing station
1. Glue gun:
   - TS-215/HN (connecting lines of 3-9 m)
2. Cartridge preheating device:
   - KVG-2 (230V-115V, 50-60 Hz) adjustable, or KVG-4 (230V-115V, 50-60 Hz)
     with electronic time / temperature control (adjustable from 30°C to 190°C)
3. Electronic temperature regulator:
   - ETR-100/D
4. Automatic hose reel:
   - Spring-operated, with 8 m hose DN 1/4” x 6.3 mm
   - Connection 1.0 Mpa, 10 bar, 10 – 60°C
5. Automatic cable reel:
   - Spring-operated, with 12 m 3×1.00 mm²
   - HO5RN-F3 line Protection class IP 44 thermal overload
6. Station:
   - Mobile, with 2 locking brakes, lightweight aluminum design with profiled barrel.
   - Partial paneling (RAL 9006) and shock-resistant plastic
7. Complete maintenance unit, consisting of:
   - Pressure regulator, water/oil separator and manometer

Examples of special nozzles
SA-SAN-HP-SK-Line

These processing devices can be used for the processing of cartridges from the companies Semco, Techcon and other manufacturers.

The main advantage of this device is that it no longer requires steel pipes (cartridge receptors) for the individual cartridge sizes. Due to our protected bracket system, the steel pipes (cartridge receptors) are no longer needed. This results in a significant weight advantage compared to the existing systems.

The SA-100 is equipped with an integrated, adjustable pressure regulator (0.5 – 6 bars).

The SAN-100 is even smaller, more manageable and lighter than the SA-100 and, due to its design, functions as an extended arm that can even reach areas that are difficult to access.

The HP-SK-100 is a manually operated device with a transmission ratio of 8:10 for work areas where no pneumatic connection is available.

Not just our quality is unbeatable, but our price as well!
DynamicMax-/PowerMax-Line

With the DynamicMax and the PowerMax Line, we cover the segment of battery-operated processing devices. These devices were developed especially for the requirements in the sealant sector and are perfectly suited for this purpose. Therefore, we have developed three separate product lines, from 3.6V via 10.8V up to 14.4V that allow us to cover the entire requirement profile of the sealing components.

The general advantages of battery-operated tools also apply here: no annoying cables or hoses and the associated tripping danger, highly flexible work even in difficult-to-access areas, etc.

Our battery packs are equipped with the latest LI-ION technology, which as much as guarantees a long and maintenance-free service life.

All devices can be precisely adjusted to the respective work situation with the aid of a speed regulator.

What is needed? The DynamicMax or the PowerMax, for one- or two-component materials?

Simply ask us, and we will find the perfect device for your material or your application.

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The table indicates the appropriate device that is suitable for your volumes (ml) and mixing ratio (MR).

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C = cartridge; S = foil bag

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HandyMax-Line

The HandyMax Line is characterized by innovations and patents; it is one of the most unique devices on the market. It dazzles with special features such as parallel stroke (patent) ball bearing technology, an unusual design, a very light yet extremely solid finish and an astonishing amount of power. The ergonomically shaped handle with patented parallel stroke and integrated ball bearing technology leads to an optimal power transfer and fatigue-free working. Subsequent dripping of the material is prevented by a simple backflow stop.

**Highlights**
- Parallel handle (patent)
- Symmetrical drive (patent)
- Two drive plates of high-tensile steel, run in a reciprocally symmetrical manner, provide an optimal feed.
- Two-ball bearings support optimal power transmission to the drive plates
- Wear-free, hardened drive rods
- Professional cartridge holder made of sheet steel
- Available with 4 different gear ratios (L=1:5/500N*; V=1:10/1,000N*; G=1:14/1,400N*; E=1:19/1,900N*)
- Optional colors available

**Advantages of HandyMax – We make the most of your manual power**
- Parallel lever (patent)
- High and consistent manual power due to the parallel-guided manual lever
- Symmetrical drive (patent)
- Efficient transmission of manual power and energy to the cartridge via the symmetrical drive. Additional optimization through the use of high-technology components such as ball bearings, wear-free and specially hardened steel components.

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C = cartridge; S = foil bag  
*The thrust was measured at a manual force of 10 kg
EasyMax-Line

The EasyMax Line is our newest development and product line. It, too, encompasses our patented symmetrical drive as well as double drive and brake plates made of high-tensile steel.

The power transmission is effected by means of a toggle-lever transmission, which optimally transfers the power to the drive plates. In EasyMax, the transport rod and the entire mechanism are also specially hardened and synched with each other.

The handle consists of a continuous aluminum cast, which makes the EasyMax one of the most indestructible handle pieces on the market.

Subsequent dripping of the material is prevented by a backflow stop.

Highlights
- Symmetrical drive (patent).
- Two drive plates as well as the double brake plates of high-tensile steel, run in a mutually symmetrical fashion, provide an optimal feed.
- The toggle-lever transmission results in an optimal power transmission to the drive plates.
- Wear-free, hardened drive rods and feed plates
- Professional cartridge holder made of sheet steel
- Available with four different gear ratios (L=1:5/500 N*; V=1:10/1,000 N*; G=1:14/1,400 N*; E=1:19/1,900 N*)
- Optional colors available

The table indicates the appropriate device that is suitable for your volumes (ml) and mixing ratio (MR)

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C = cartridge; S = foil bag
*The thrust was measured at a manual force of 10 kg
EconoMax-professional-Line

The EconoMax professional Line is the perfect solution when you wish to work professionally but would like to avoid a high investment. The EconoMax professional Line has unique properties that clearly set it apart from other products in its price range. For example, it is equipped with unique, rubber-padded handles at the contact points of the ergonomically shaped handle piece, a closed housing around the mechanism to protect it from contamination, an integrated backflow stop and an extremely solid and resilient aluminum handle piece. Of course, the transport rods as well as the mechanism are specially hardened and synched with it other in this device as well. All of this makes the EconoMax professional an entirely unique device and thus your first choice compared to other similar products in the mid-price range.

**Highlights**
- Rubber-coated handles
- Stiff, torsion-free housing
- Enclosed housing
- Wear-free, hardened and specially chromium-plated drives
- Professional cartridge holders
- Available with four different gear ratios (L=1:5/500 N*; V=1:10/1,000 N*; G=1:14/1,400 N*; E=1:19/1,900 N*)
- Optional colors available

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The table indicates the appropriate device that is suitable for your volumes (ml) and mixing ratio (MR).

C = cartridge, S = foil bag

*The thrust was measured at a manual force of 10 kg
EconoMax-Line

The EconoMax Line offers a cost-effective professional device for everyday use.
In this device, too, the transport rod as well as other parts of the mechanism have been hardened to give the device a longer service life.
The cartridge holders and cylinders are made of the highest-quality materials and, just like the ergonomically shaped handle, display an exceptionally robust design.
The EconoMax Line is an entirely solid product line for the small wallet and for easier tasks.

Highlights
- Cost-effective device
- Ergonomic handle
- Low-wear, hardened transport rod and mechanism
- High-quality cartridge holder made of steel (plastic-coated)
- High-quality cylinder made of aluminum and acrylic glass

The table indicates the appropriate device that is suitable for your volumes (ml) and mixing ratio (MR)

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The thrust was measured at a manual force of 10 kg
Beyer & Otto GmbH
Kard.-Faulh.-Strasse 10
D-63801 Kleinostheim

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