

Touch the future



DEGREASING AND CLEANING PLANTS

EVT Eiberger Verfahrenstechnik GmbH



New VARIOSOLVENT technology
for the use of all common solvents
in ONE system



www.evt-gmbh.eu

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Quality is never the result of an accident – there has to be a will to produce superior things!

John Ruskin, 1819 -1900



WELCOME TO EVT

with these words of John Ruskin, who would have fit excellently into our team.

This is because quality has never been the result of accident at our company either – it has always been driven by a commitment to making better things.

Knowing that I can ring a bell with safety-conscious specialists and those well-versed in technical and

business matters, I would like to keep this prologue brief – and invite you to browse the interesting information presented here by way of introduction until we get a chance to meet personally in Sternenfels or at your operating site to discuss your wishes.

Sincerely,

A handwritten signature in blue ink that reads "Harald Eibinger".



TYPES OF PLANTS

NANO

Small parts, low throughput, small batch sizes

BAMBINO

Small parts, medium throughput, versatile

LIMPIO

Many parts, high throughput, fully automated

GIGANT

Large parts, high throughput in volume and weight, gigantic chamber sizes requiring little space

DESTOMOBIL

Gentle solvent treatment with the latest vacuum technology

SPECIAL INSTALLATIONS



fig. 1 LIMPIO with two working chambers



NANO



BAMBINO



LIMPIO



GIGANT



DESTOMOBIL



**SPECIAL
INSTALLATIONS**



fig. 2 GIGANT TOP-LOADER with double gantry crane

CHARACTERISTICS

Environment conformity

EVT installations meet the guidelines of the European VOC directives and their implementation within national country regulations.

Safety conscious

Security is our top priority. Where front loading is necessary due to production processes, we produce FRONT-TOP-LOADER plants with a front loading method but with the safety of being a top loader. Even though we are loading from the front of the plant, the parts are lowered into a safe top-loaded working chamber.

Flexible

„Made to measure and necessity“ for us firstly refers to the requirements of our customers regarding size and weight of the parts, the required processes as well as specialities in the treatment or movement of the cleaning goods. Secondly the flexibility includes the adaptation of our plant to the structural realities of the place of production.

Fair price

The construction of special installations is standard for us! Our modular construction enables us to implement even complex process engineering within fairly priced plant manufacture. Developed individual solutions have nothing more in common with standard plants, apart from the prices.

Reliable

The implementation of our sophisticated process engineering occurs exclusively through high-quality single components from renowned European manufacturers. This guarantees the long-lasting and reliable every day operations of our plants, as well as rapid delivery of spare parts.

Easy to maintain

Integral in the design of our plants is easy accessibility to all plant components and maintenance areas. For many years now we can provide support worldwide via Internet for quick and effective remote analysis of our plants thus reducing the operations of our respective service teams.

Easy to handle

Our operate touch-screens are multilingual and enable to change languages easily at any time, in conjunction with a clearly understandable logic of the programme making it almost impossible to conduct faulty operations.



Variosolvent

Our variosolvent technology allows for the use of all common solvents in one EVT system, which also has the possibility for a quick change over to another media if required.

Changes from chlorinated hydrocarbons (CHCs) to hydrocarbons or modified alcohols can be done simply with the total internal cleaning of the machine and the replacement of certain consumables. No other modifications are required! When changing to CHC the machines are already prepared for the installation of an activated carbon filter system.



fig. 3 manually loaded GIGANT FRONT-TOP-LOADER

SPECTRUM

FRONT-TOP-LOADERS

Combined with the front loading of a plant and also the security of a top loaded working chamber, the maximum solvent level is always below the loading door. Making this feature the safest possible system from solvent accidents caused by either accidental or incorrect door opening.

EVT cleaning plants of the LIMPIO series have always had benefited from this safety feature. The BAMBINO and GIGANT also have the option for either a TOP LOADER or a FRONT-TOP-LOADER.

Figure 3 shows a GIGANT FRONT-TOP-LOADER in a hardening shop being loaded manually with a charging trolley. Similarly a semi-automatic loading version would also be feasible.

Multi chamber versions

These are possible in the GIGANT and LIMPIO series. Simultaneously and completely independent of each other different processes can be carried out in the two chambers of one plant.

The 2 in 1 chamber is a very popular feature available on the GIGANT series, thus meeting the requirements of our customers who constantly have to degrease large parts or large quantities, and even to clean to a lesser extent small parts by flooding with ultrasonics. The small working chamber in the large one reduces the amount of solvent

required and according to this also the performance of the ultrasonic generators, making it a cost effective feature.

Figure 1 shows an EVT LIMPIO with two operating chambers and fully automatic loading.

Custom-made working chambers

From a few litres up to cubic meters in double figures, we can produce individual sizes according to the task (figure 2). The abundance of the options which are feasible within these chambers, such as rotation and pivoting with adjustable angles, vertical or horizontal oscillation, spraying or high pressure spraying devices with solvent, manually or automatically rotating spraying nozzles, flooding with or without ultrasonics, parts lowering etc., goes beyond the scope of this initial information.

We refer to our homepage www.evt-gmbh.eu and are already looking forward to the challenges your company will present us.

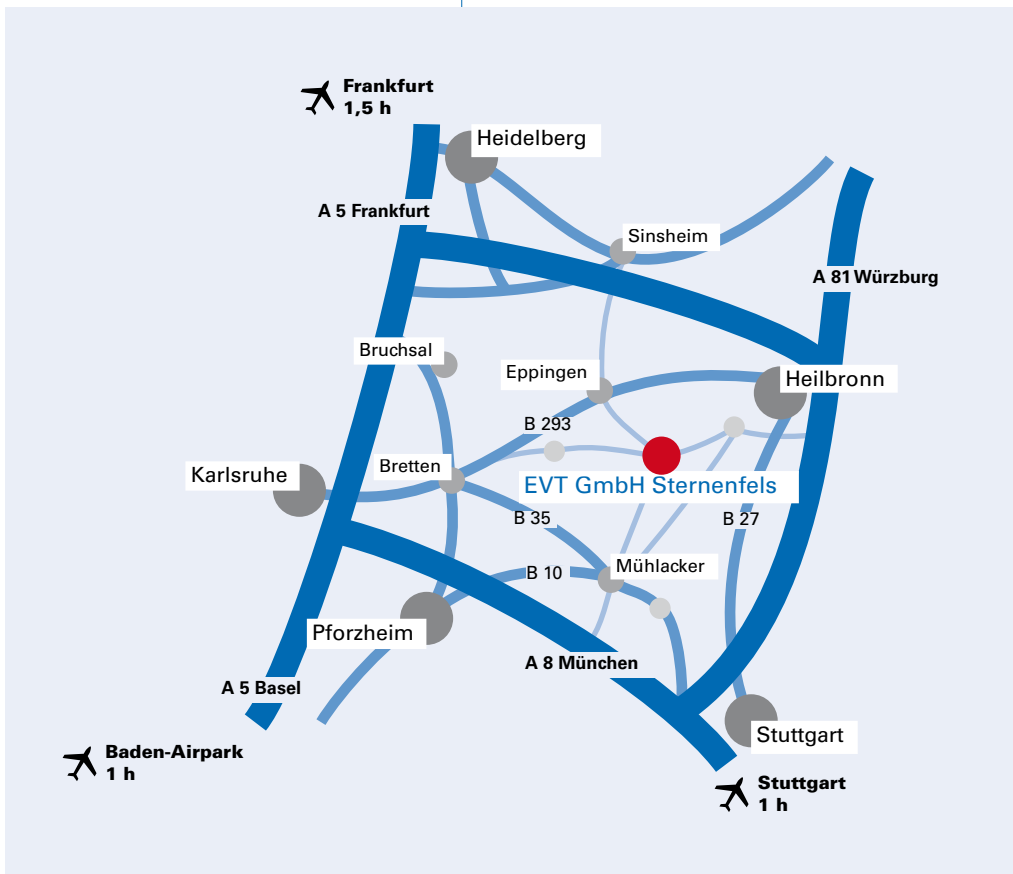
Consultation of sample trials of your parts in our operating site at Sternenfels and also inspections of EVT installations at the site of our customers are both possible unless their presence have any conflicts of interests or competition.



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