

Company Portrait

**Who we are ...
... and what we do ./.**

APRO Technologie GmbH

**application- and process-technology of the
21st century**

(The development of new products is creative work, but there is nothing magical about it. The product is the result of strategic planning, market analysis and hard work. We intend to assist you in future.)

Our history

The APRO Technologie GmbH was founded at July 1st 1999 by Mr. Rainer Kehren and Mr. Bernhard Zaskhoda.

Mr. Kehren is working in the hotmelt application business since 1985, basically in the packaging industry. From the start-up he was technically involved as a service representative and later on as regional sales manager. He worked for the German distribution of an American manufacturer called AAS Klebetechnik. In between he broaden his know how by managing large projects for hotmelt systems from ITW Dynatec. Since 1997 he served the hygiene market as key account manager.

Mr. Zaskhoda is working with hotmelt equipment since 1989. For the earliest three years he was responsible for application techniques while being the head of his own independent sales company, which represented Graco/LTI in the German-speaking area of Europe. ITW took over Graco/LTI in 1992 and from this day on ITW represented LTI from their new base in Erkrath, near Düsseldorf. Mr. Zaskhoda started as a sales representative. In 1995 he moved to Austria and developed the Austrian market for the Swiss company Robatech. Robatech's target was to put together a sales and marketing department in Austria. Back in Germany Mr. Zaskhoda, managing director and owner of AAC Klebetechnik GmbH, looked after customers with specific demands. He is specialised in creation and selling system-solutions in the converting market.

Because the Industry asked Mr. Zaskhoda and Mr. Kehren for a special and extensive product development both decided to go for this challenge. This was the birth of the new company APRO Technologie GmbH.

Our duty...

... is, to develop new technologies and find ways, which help to create safe advantages to keep the leading position of our customers. We consult our customers from the beginning, the early step of projection of converting machines and special machinery . We do assist them by choosing the right/best materials, - and if they ask us, we find the suppliers for them. Our support includes, that we use our know-how in all fields of coating technologies, to find the non plus ultra solution.

After the realisation took place, we are still part of the project: We train your employees on the new machines and if necessary, we remain in contact for further technical support.

Our target ...

...is, to give our best.

High quality on one hand and technical support on the other hand, we offer both. You have the possibility to get information on call, - free of charge. Included are technical infos about our products; helpful details concerning adhesive-techniques; replies due to typical questions; a platform to exchange experiences; as well as prices, delivery times for spares as part of an easy and comfortable order program.

Our products

The range of our products is divided into 5 parts. All products are based on two characteristics: the safety- and the productive-concept. An easy and secure handling is our first aid, when we are in the early phase of conception. Second aim is a minimum spares in the customers stock, including that a short time is needed for replacements. Our spares-service offers a pretty quick delivery to you.

I. Special machinery

We design and manufacture individual special machines for applying hotmelt. We can handle many different materials as e.g. paper, foil, textile of roll, any plastic plates or profiles, postcards or magazines. These machines are made on your demands with our know-how. We use aluminium profiles as well as very strong welded steel constructions to cover all possibilities and needs. For in-line applications we use slide-in systems for easy use, so you can use different coating techniques in one place. This increases your flexibility and production possibilities without increasing your investment.

For operator handling and controlling our systems we use modern, but standard electronics. E.g. we take touch panels for visualising and programming temperature setpoints or motorspeeds as well as positioning products. Industrial PLCs control the application. If we decide for single drive systems we use highly dynamic servo motors.

II. Hotmelt systems

- drum melters with gearpump for 20 and 200 ltr. drums for the use with EVA, PA, PS, PU hotmelts and other sensitive materials
- adhesive supply units with up to 4 gearpumps from 5 to 100 ltr. tank volume and meltrate up to 100 kg/h
- pumping stations as needed with single or multi-pumps, incl. pressure control if needed
- heated hoses between 0,6 and 20 m (2 to 60 ft) length and inner diameter from 6 to 32 mm (1/4 - 1 1/4")
- hotmelt screen printing stations up to 2.000 mm application width and 15 to 80" repeat in 1/4" steps
- hotmelt flexo printing stations up to 500 mm application width with sleeve technology from 12 to 24" repeat in 1/8" steps
- coating nozzles for intermittent coating, up to 1.000 mm (40") coating width, larger on request
- coating nozzles for continuous application, up to 1.500 mm (60") application width
- multiple valve and multiline applicator heads up to 2.000 mm (80")
- spiral spray applicator heads standard up to 300 mm application width, individual heads also larger
- standard applicator heads are modular build

III. Miscellaneous

- pattern control for line speeds up to 200 m/min.
- hotmelt pressure control and measurement electronics also for filter control

IV. Spare parts for competitors systems

- heated hoses with PT100, FeKo, Ni120 and NTC, most standard hoses with partno. available, inner diameter 6 to 32 mm and length between 0,6 and 20 m
- heater cartridges for 120, 200 and 230 VAC in all dimensions
- temperature sensors, thermostats, temperature switches, electric plugs, pins
- single, multiple hole nozzles and swirl nozzles
- fittings and adapters for hotmelt and air
- modules for bead and spray
- solenoid valves
- hotmelt filters

V. Service

- hotmelt system rental for tests or production
- repair and rebuild of hotmelt systems
- reconstruction of existing coating machines
- consulting in the use of hotmelt and it's technology
- conception of melting systems

Application examples

1. coating industry

Manufacturing of label stock or inline coating in printing machines
systems used: drum unloaders and large tanks, slot nozzles, flexo printing and screen printing systems

2. nonwoven industry

Manufacturing of diapers or sanitary napkins
systems used: large tanks with single and multiple pumps, slot nozzles, sprayheads, standard heads

3. filter industry

Manufacturing of air and fluid filters
systems used: large tanks, extrusion systems, multiple valve heads, sprayheads, standard heads

4. converting industry

paper folders and postcard gluers for inserting in magazines

systems used: small tanks, slot nozzles, sprayheads, standard heads

5. mounting applications and automotive industry

sealing and mounting car components, also safety equipment, glueing wood and laminating decors

systems used: tanks also for PUR-hotmelts, slot nozzles, sprayheads, standard heads

Finally ...

... we say thank you for your attention and we do appreciate your interest. Please go forward in contacting us. There is the possibility to visit your company, to have a look around and discuss your demands and ideas.