

TIGRES Dr. Gerstenberg GmbH

TIGRES Dr. Gerstenberg GmbH was founded in the year 1993 in Hamburg. We have developed and produced high-grade stations for the treatment with electrical discharges at atmospheric pressure since the beginning. We see ourselves as a supplier of standards stations, as well as the developer of specific solutions. Today, the company offers work to 9 employees in Rellingen near Hamburg. Agents are found worldwide in many countries, for instance also in USA and China. One service technician is located in Stuttgart in south-Germany. Dr. Gerstenberg is the sole owner of TIGRES GmbH.

Our sales program includes among others stations for following areas:

- webs (metallic foils and plastic films),
 - woven, non-woven, paper and foam
- cable, wires, tubes and profiles
- pieces
- specific research stations for private and public institutes

and

- generator as OEM-goods.

The customer structure has changed, due to the development of the range of our products during the past years and includes today mechanical engineering, converting industry, cable-, automotive- and aircraft-industry as well as private and public research institutes.

The technology of our house is the result of own developments, which are performed by our staff based on their experience acquired during many years of working in their special fields. We acquire special engineering solutions from outside. Our contacts to several specific scientific institutes allow us to work also on unusual process engineering problems. All our stations are designed in our house and assembled from externally produced mechanical and electrical components. Sales occur in parts by external agents. We deliver worldwide.

Our stations are combined from modules. We use standard blowers, which are modified for our requirements, to remove the exhaust gases. The electric power supplies, which we produce in small series, are adapted to the specific application. The corona-tools are often designed for the specific demands of the customer.

Our stations obey all significant electric and security requirements. All our stations exhibit the CE-sign.

Technical mile stones

- 1993 Barrier discharge in controlled atmospheres.
- 1994 „INDIKO“: indirect treatment up to 200 mm.
- 1995 Korona-GUN®: effective indirect Korona-electrode for arbitrary treating widths.
- 1997 Metal-metal-electrode with controlled electric discharge.
- 2000 Move to the new housing in Rellingen.
- 2002 Plasma-BLASTER: potential-free atmospheric plasma-electrode.
- 2003 First examination of the corona treatment of wooden surfaces.
- 2004 Cooperation concerning corona for sheet printing.
- 2004 Plasma-BLASTER in arbitrary width.
- 2005 Determination of cleaning effect using ellipsometric methods.
- 2005 Deposition of semi-organic layers with plasma-BLASTER.

Our way of working

already before your order arrives
research and development
application consultation in your house
in-line-trials and sampling
extensive information service
dialogue oriented sales system

in our production
approved (CE or UL) material
delivery reliability and in due time
selected quality suppliers
inspected out of house production

during the production process
qualified workers
permanently optimised construction
and production-processes

during delivery
delivery service
installation service
introduction of user

also after shipment
guarantee
inspection and maintenance service
spare part and repair service
more consultation and guidance
feedback: practice and theory

The way to us

