GLOBAL Beam Technologies AG

As a global medium-sized company, we are a leading developer and manufacturer of electron beam machines for welding, drilling and surface treatment.
Customers worldwide, from the automotive, aerospace, and turbomachinery industries to branches of mechanical & electrical engineering and research & development profit from our reliable, innovative technologies, know-how and years of experience as electron beam specialists.

SST STEIGERWALD STRAHLTECHNIK GMBH

PTR STRAHLTECHNIK

PTR PRECISION TECHNOLOGIES, INC.

AJM ROBOTIC SYSTEM CO., LTD.

RESEARCH & DEVELOPMENT

Electron beam machines for the turbomachinery and automotive industries - our references:

Audi · AREVA · BorgWarner · Changchun Benteler · CERN · Chery · Dong Fang · EADS · Hyundai-Group · IHI KHI · MTU Rolls-Royce · SEAT · Shenyang Liming · Siemens · Skoda · Techspace Aero · VW · ZF · and more

WWW.GBT-AG.COM

GLOBAL Beam Technologies AG

WORLDWIDE SALES AND SERVICE

GBT_2015_08_EN

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GLOBAL Beam Technologies AG

INNOVATIVE TECHNOLOGIES

THE INNOVATORS OF **THE ELECTRON BEAM**

WELDING · DRILLING · SURFACE TREATMENT

SST STEIGERWALD STRAHLTECHNIK GMBH · PTR STRAHLTECHNIK · PTR PRECISION TECHNOLOGIES, INC. · AJM ROBOTIC SYSTEM CO., LTD.

Members of Global Beam Technologies AG

GLOBAL Beam Technologies AG

IT'S ABOUT
WORLDWIDE CONNECTIONS

TURBOMACHINERY

AUTOMOTIVE INDUSTRY

Further information on our website.
Please scan!

TURBOMACHINERY INDUSTRY

AEROSPACE INDUSTRY · RESEARCH & DEVELOPMENT

SST
STEIGERWALD STRAHLTECHNIK GMBH

Steigerwald Strahltechnik GmbH (SST) operates worldwide as a partner to the Turbomachinery industry (aerospace, generator and turbine production). SST designs and builds EBOCAM and EBODISC series chamber systems for welding and surface treatment, EBOCONT strip welders and EBOPULS hole drillers as well as the latest EBOGEN series high-voltage (up to 175 kV) beam generators. Within the Global Beam Technologies (GBT) Group, Steigerwald is the Research and Development center. Customer demands for advanced technologies and processes drive continuous innovation and ensure **Steigerwald Strahltechnik GmbH's** expertise and recognition in the field of Electron Beam technology.

PRODUCT LINES

- LARGE CHAMBER MACHINES
- SPECIAL CHAMBER MACHINES
- SINGLE PURPOSE AND CUSTOMIZED MACHINES
- SMALL CHAMBER MACHINES
- PERFORATION MACHINES
- CONTINOUS WELDING MACHINES
- JOB SHOP EB WELDING SERVICES

HIGH-TECH WITH THE ELECTRON BEAM

AUTOMOTIVE INDUSTRY

GEAR COMPONENTS · TURBOCHARGERS

PTR
STRAHLTECHNIK

PTR Strahltechnik GmbH develops and manufactures machines especially for the automotive industry. The modular EBOMAT product line includes; the PK and PS series (cycle type and load-lock cycle type) and the PT series (high performance) machines as well as automated inline & stand alone configurations for mass production. Additionally, **PTR Strahltechnik GmbH** supplies the latest EBOGEN series low-voltage (up to 70 kV) beam generators.

As one of the leading manufactures in the field of electron beam welding, PTR Präzisionstechnik develops EB systems with the highest beam quality for the global market.

PRODUCT LINES

- CYCLE TYPE MACHINES
- LOAD-LOCK CYCLE TYPE MACHINES
- HIGH PERFORMANCE MACHINES
- SINGLE PURPOSE AND CUSTOMIZED MACHINES
- SMALL CHAMBER MACHINES
- NONVAC MACHINES
- AUTOMATED PRODUCTION LINES
- JOB SHOP EB WELDING SERVICES

WE ARE JOINING TOGETHER

YOUR SPECIALIST IN THE AMERICAN MARKET

AEROSPACE · ENERGY · TURBOMACHINERY

PTR
PRECISION TECHNOLOGIES, INC.

PTR-Precision Technologies, Inc. - USA specialties include EBOCAM series chamber systems, EBOMAT PP & PK series machines for mass production in the automotive industry and other high volume applications, NONVAC Systems (EB welding in atmosphere) as well as EBOGEN series high voltage (up to 175 kV) beam generators. Additionally, PTR's Job Shop provides Electron Beam Welding services to Power Generation, Aerospace, Electronics and a variety of other industries.

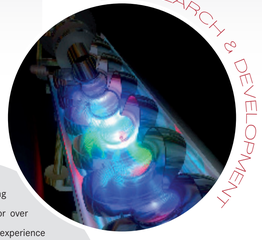
PRODUCT LINES

- LARGE CHAMBER MACHINES
- SPECIAL CHAMBER MACHINES
- SINGLE PURPOSE AND CUSTOMIZED MACHINES
- SMALL CHAMBER MACHINES
- CYCLE TYPE MACHINES
- NONVAC MACHINES
- JOB SHOP EB WELDING SERVICES

EVERYTHING IS BASED ON CONNECTIONS

We have been delivering machines around the world for over five decades. These many years of experience and substantial know-how forms the foundation of our success. Through close cooperation with our customers, new developments and improvements are incorporated and designs are optimized to meet customers' specific needs. Within Global Beam Technologies, our synergies drive innovative solutions.

RESEARCH & DEVELOPMENT

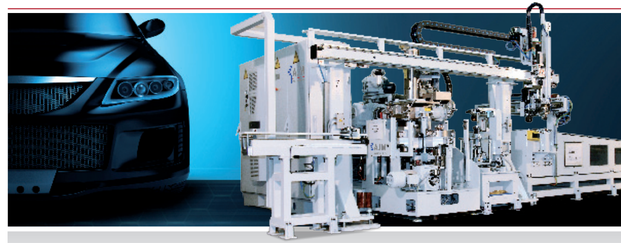


In cooperation with institutes and universities, new methods and applications of EB technology are analyzed, developed and enhanced for commercialization.

YOUR SPECIALIST IN THE CHINESE MARKET

TURBOMACHINERY INDUSTRY · AUTOMOTIVE INDUSTRY

AJM
ROBOTIC SYSTEM CO., LTD.



Within the GBT Group, **AJM Robotic Systems Co., Ltd. – China** produces EBOCUBE series small chamber machines, EBOMAT PP and PK series (cycle-type machines for mass production) for the automotive industry, and NONVAC systems (electron beam welding in atmosphere). Job shop welding services are also provided.

A high level of automation expertise complements the range of capabilities offered by **AJM Robotic Systems Co., Ltd.**

PRODUCT LINES

- LARGE CHAMBER MACHINES
- SMALL CHAMBER MACHINES
- CYCLE TYPE MACHINES
- MODULES FOR AUTOMISATION
- NONVAC MACHINES
- JOB SHOP EB WELDING SERVICES

WORLDWIDE CONNECTIONS