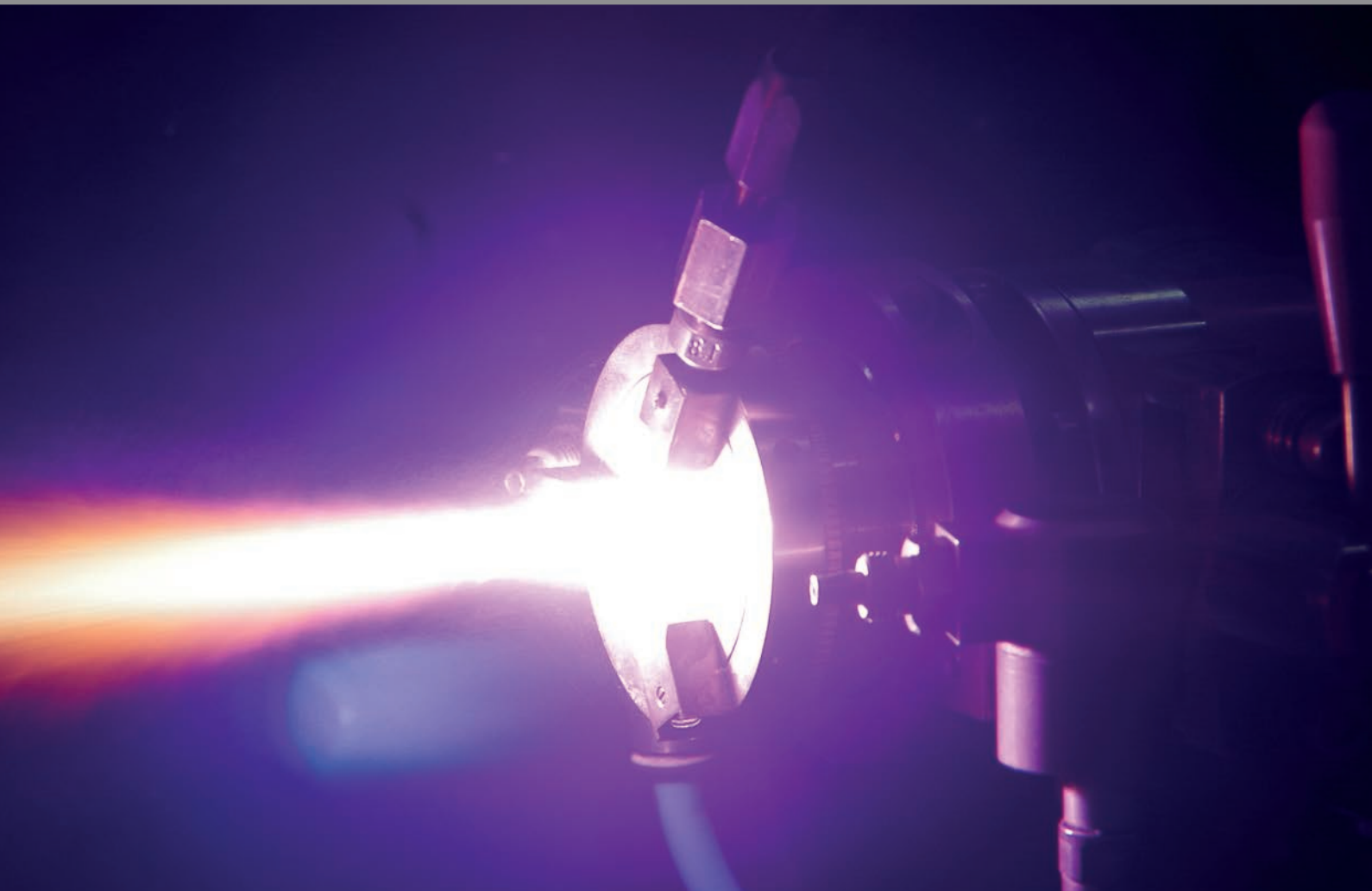
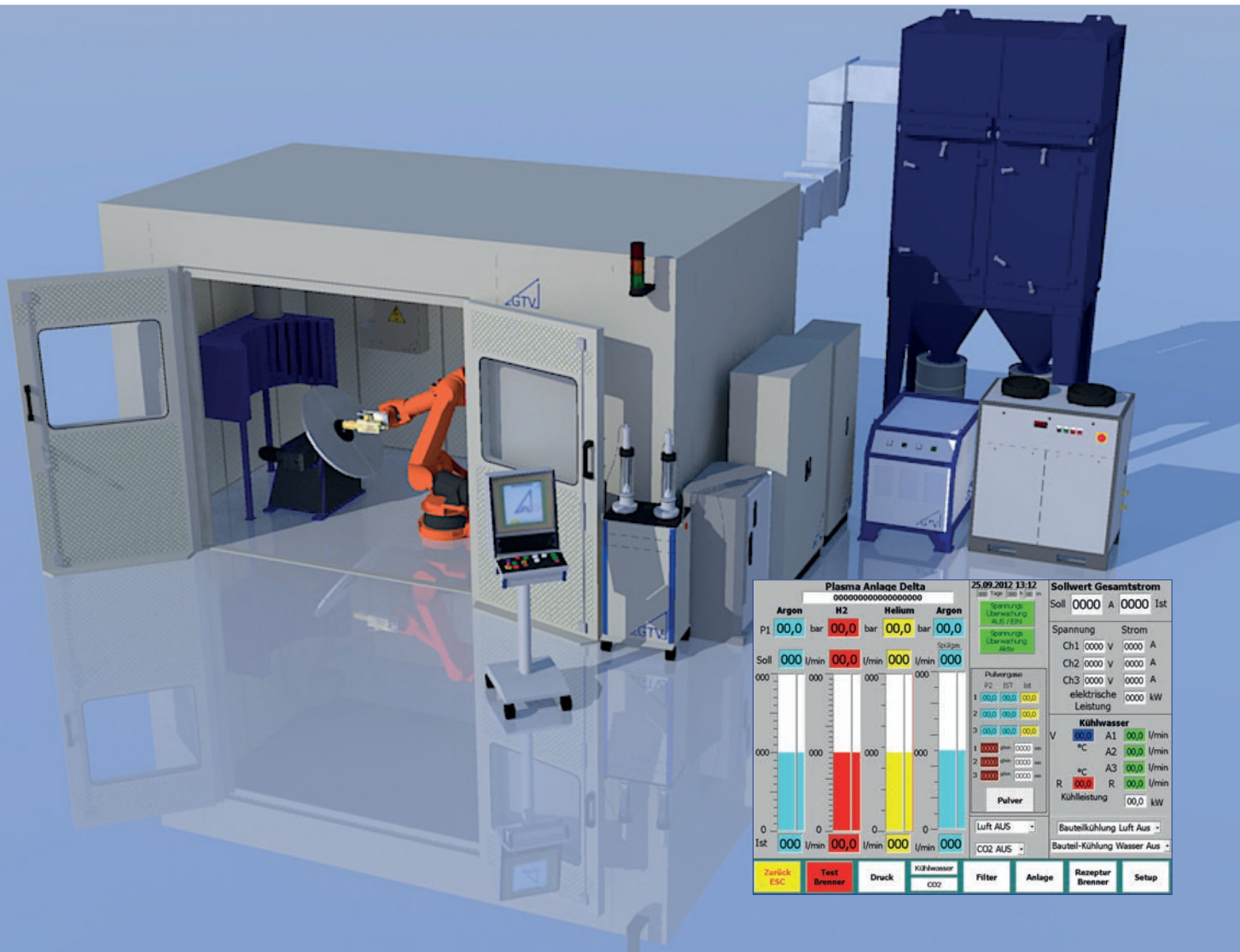


GTV PLASMA SPRAYING SYSTEMS

Customized,
turnkey system solutions



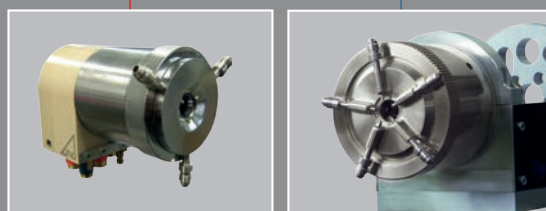
GTV PLASMA SPRAYING SYSTEMS



GTV plasma systems feature a modern Siemens S7 controller with a well-arranged, easy-to-comprehend process visualisation via the HMI of the VIP 6000 model. This creates a high level of acceptance by operating personnel even during commissioning.

Moreover, all the peripheral components can be controlled centrally via sub-menus. The Profibus connector on the KUKA robot also enables a wide range of data communication between the plasma system and the robot, far above and beyond the scope of basic Start/Stop/Continue commands of traditional connections. In fact, each GTV plasma system is designed according to customer specifications.

GTV Plasma torches



GTV Plasma torch

HMI/PLC/Gas



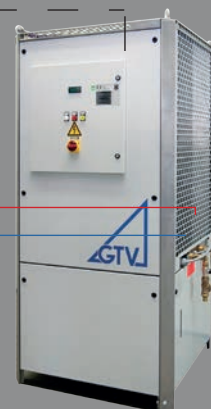
Powder-feeder



Jam Box



GTV SK32



PPC



- Plasma operator and control panel of the model VIP 6000 with a Siemens operator panel of the model MP277/PC677
- Visualisation software: Protool or WinCC
- Separate PLC cabinet with a Siemens PLC model S7 U300 controller
- Separately arrayed gas cabinet with mass flow controllers
- Jam Box: flow-water junction with cooling water monitoring and HF ignition
- GTV Powder feeder, PF2/2; closed-loop weight loss control
- 100 kW secondary cycled power source PPC 2002 with stepless power of 20 (!) up to 1000 A (up to 120V operating voltage)
- GTV Plasma torch model F6 with quick-change (other torches such as F1, F4, F7, 3/7/9MB, P2, SG100, Delta and Penta are available upon request)
- Heat exchanger model GTVC250/GTVSK32 or custom solutions, also using energy recovery
- Complete with a plasma hose and set of cables (lengths configured according to customer needs)
- Comprehensive documentation (CE)



Ever since the company was established in 1982, the name GTV has stood for top quality and a high level of delivery reliability for all types of thermal spray products.

GTV provides its customers with many years of experience in all aspects of the high-technology field of thermal spray technology, enabling them to make use of the effective and efficient GTV system solutions in order to gain a substantial competitive advantage in the market.



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