List of machines at BVS Systemtechnik

Punching/Laser cutting
2 TruMatic 6000 punch-laser combination machines, fibre laser.
The machines are directly connected to the fully automated high-bay warehouse. Handling components for loading and unloading raw materials and finished parts are also installed.
The extensive tool magazines, which allow for tool changes during active production time, enable an automated production cycle. Sheet metal formats with dimensions of up to 3000 x 1500 mm can be processed. The machine control system is equipped with integrated job and tool management.

Stopa high-bay warehouse with direct machine connection
256 pallet storage spaces
750 t storage capacity
Up to 150 different sheet metal variants made of aluminium, stainless steel and steel alloys are in stock.
Large-format sheets measuring 3000 x 1500 mm are stored.
The direct machine connection enables automatic parts transport from raw material storage to final sheet processing.

Surface treatment
Grinding plant
2 systems for decorative brushing, grinding and deburring of aluminium, stainless steel and various other metals using dry and wet grinding processes to meet the highest standards of surface finish.

Cleaning system
Automatic cleaning system with aqueous degreasing and phosphating of the component surface. The system operates without producing wastewater.
Blasting cabinet for cleaning with glass beads and corundum blasting

Press brake
3 NC-controlled press brakes with direct system integration and working ranges of 1000–3000 mm bending length and 36–130 t pressing force are available.
2 automated NC-controlled high-speed bending cells

Assembly
Joining technology
1 semi-automated machine for riveting and press-fitting standard parts, with stroke monitoring
Flexible assembly areas for the completion of complex assemblies from in-house manufactured, purchased and standard parts.

Welding
There are 4 welding booths available for processing aluminium, steel alloys and stainless steel.
Each welding booth is assigned to a material-specific grinding booth.
2 automatic welding cells with welding robots featuring cold-metal technology.
TIG/MIG/MAG welding processes are used for processing.
1 CNC stud welding machine with automatic material feed, as well as manual stud welding
Spot welding
Projection welding

Surface finishing (outsourced)
Various processes are also offered: electroplating, powder coating and screen printing

As of: 04/2026

BVS SYSTEMTECHNIK GMBH
Ludwig-Bölkow-Str. 14
D-19061 Schwerin
Tel +49 (0) 385/ 77 33 88-0
Fax +49 (0) 385/ 77 33 88-99
systemtechnik@bvs-gruppe.de
www.bvs-gruppe.de
Managing Director
H. Steiner,
C. Tochtenhagen
Register court
HRB 13056, Schwerin Local Court
VAT No. DE 311402090