



Industrie-Elektronik

QUALITY MAKES THE DIFFERENCE



MACHINERY DIRECTIVE CONFORMITY



The advantages BVS has to offer:

- ✓ Production and planning reliability
- ✓ We only use new components approved by the manufacturer or legislator
- ✓ Exchange of all components that are identified as weak points and thus constitute a safety risk for the machine and its operators
- ✓ Washing & cleaning of each module before repair
- ✓ More than 100 function and load test stands
- ✓ Latest testing devices for fault diagnosis

Liability and safety risks

Quality pays off for you and your company

The international guidelines ensure that there are globally harmonised quality standards within the industry. As of 29th December 2009, the manufacturers of complete and incomplete machines are guided by the **health and safety requirements** as per the new **EC Machinery Directive 2006/42/EC**. The basis for the Machinery Directive is made up of two new EU ordinances 764/2008 EC and 765/2008 EC.

These safety directives are first and foremost intended to protect employees from being injured by machines. Just like before the legislative reform, they stipulate that the manufacturer is responsible for circulating appropriately safe products, while on the other hand, the machine operator must also commit to various obligations.

The operator is thus responsible for resolving or, as far as possible, minimising risks to the operating staff when using the machine. This is why regular training about relevant protective

measures for personnel is a legal requirement. It also helps to reduce liability risks resulting from possible accidents that machine operators could be exposed to following the purchase. This clarifies that the Machinery Directive does not just apply to the planning and design phases but also to operation and maintenance.

By only using new components authorised by the manufacturer and legislator as part of our product overhaul repairs we are helping you to ensure that repaired modules adhere to safety-related and legal requirements. This ensures that your maintenance work is completed **safely** and, that in accordance with the specified quality standards, there are no risks regarding the **operating licence, health and safety** and **service life** of your modules.



We are available to answer your questions around the clock.

24/7 Hotline: **+49 6181 95404-200**

Fax: **+49 6181 95404-5**

E-mail: **service@bvs-cnc.de**



BVS Industrie-Elektronik GmbH

Repair, Sales & Service for CNC, PLC and ROBOT automation technology
Margarete-von-Wrangell-Straße 18 • 63457 Hanau • Germany

*Please see our terms and conditions for warranty details.



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We thus avert any liability and safety risks and prevent impending failures:



Every modules that is repaired, replaced or that you receive as a replacement part has been professionally cleaned. This prevents any malfunctions caused by contaminations and thus extends the service life of your module.



We use the latest testing devices for fault diagnosis, including:

- Thermal imaging cameras
- Flying Prober
- Logic tester
- VI measurement instrument
- Rework station
- Prommer



We have over 100 function and performance test stands that simulate operation of the module during production, that we have either purchased directly from the manufacturer or that have been reconstructed by our Development department in accordance with the manufacturer's specifications.



We have been certified in accordance with the quality management standard ISO 9001 since 2008 and in accordance with environmental standard ISO 14001 since 2017. In addition, our internal testing lab always works in strict adherence with ISO TS16949 / VDA 6.4.



We use new components approved by the manufacturer or the legislator for the repairs.



To ensure the highest quality of our processes and services on a permanent basis, we provide continuous training to our specialist engineers, technician and electronic engineers.



For every repair and all of the exchange and replacement modules in our warehouse, we will replace all of the components that are subject to ageing or use-related wear during an overhaul repair.

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