



# Asset-Trade

Assessment & Sale of Used Assets

Ref. No.: 1501-01021500



## Overview and Technical Data:

**Bielomatik K3212 Vibration Welding Machine  
for sale**

**BIELOMATIK**

**bielomatik**

a Persico Group company

Year of Build: Jan 2017



## Description:

### Used Bielomatik K3212 Vibration Welding Machine for sale

#### Technical Data:

- Vertical lift table (table stroke): max 500 mm
- Opening width: max 705 mm
- Clamping surface of lifting table: max. 920 mm x 530 mm
- Clamping surface vibratory unit: max. 900 mm x 540 mm
- Component-dependent data
- Amplitude (call value): 0.3-1.2 mm with a resolution of  $\pm 0.01$  mm
- Tolerance, step load selectable:  $\pm 0.1$  mm to  $\pm 0.4$  mm

#### Performance data

- Frequency working range: approx. 170 Hz - 240 Hz
- Welding force: max. 11400 N (the welding force is reduced by the weight of the lower tool)
- Drive forces: up to max. 2 x 10700 N

#### Weights

- Machine without tool: approx. 3 200 kg
- Switch cabinet: approx. 800 kg
- Total weight without mounting tool: approx. 4 000 kg
- Complete tool: max. 250 kg
- Tool upper part: max. 60 kg

#### Optional

- Transport trolley: 2x approx. 120 kg

Space requirement BF x TF approx. 5600 x 4800

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#### VIBRATION WELDING

Through oscillating, linear relative motion, the contact surfaces of the thermoplast parts are heated, plasticized and welded.



The set machine parameters and machine setting data are dependent on the welded part and tool.

## **Enhance Your Manufacturing Process with the Powerful Bielomatik K3212 Vibration Plastic Welding Machine**

Elevate your plastic welding capabilities with the Bielomatik K3212 vibration plastic welding machine, a used yet remarkably efficient and versatile tool that will transform your manufacturing operations. This machine boasts a remarkable range of features and benefits, ensuring consistent high-quality welds and streamlining your production process.

### **Unmatched Flexibility and Reliability**

The Bielomatik K3212 delivers an impressive welding area of 900mm x 540mm, accommodating a wide variety of thermoplastic parts. With its adjustable amplitude of 0.3-1.2mm, you can precisely control the welding force, ensuring consistent weld quality for diverse applications.

### **Powerful Performance for High-Volume Production**

Powered by two powerful drive forces of up to 10700N, the Bielomatik K3212 swiftly and efficiently welds thermoplastic parts, boosting your productivity. Its heavy-duty construction (3200kg machine weight) ensures years of reliable operation, even under demanding workloads.

### **Economical Solution for Long-Term Value**

Unlike purchasing a new machine, opting for this used Bielomatik K3212 offers significant cost savings without compromising on performance. Additionally, its energy-efficient design and use of recycled materials align with eco-conscious manufacturing practices.

### **A Proven Investment in Quality**

The Bielomatik K3212 consistently produces strong, durable welds that meet the highest quality standards. With its easy-to-use interface and simplified maintenance procedures, this machine seamlessly integrates into your existing workflow.

### **Embark on a Journey of Enhanced Productivity and Quality**

Make the Bielomatik K3212 your trusted partner in plastic welding and experience the transformative power of streamlined production, consistent quality, and long-term value. Contact us today to discover how this used gem can elevate your manufacturing operations to new heights.

### **Applications:**

- Automotive components



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- Appliances
- Electronics
- Medical devices
- Packaging
- Building materials



## Technical Data:

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Control: SIEMENS

### Dimensions and Weight:

Height: 2.325 mm

Length: 2.600 mm

Width: 1.800 mm

Weight: 3.200 kg

### Buyer Information:

Condition: Very good condition

Available: Sold

Sold as:

EXW (Ex Works - Incoterm)

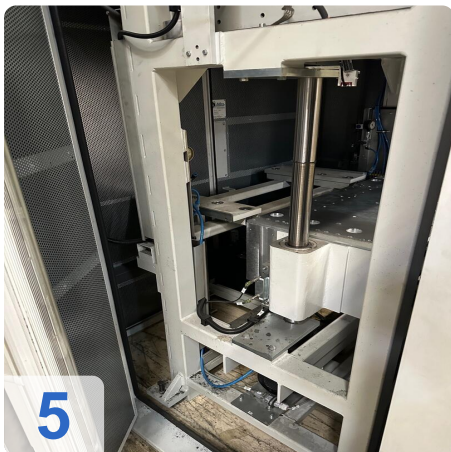
VAT: 19 %

Buyers Premium: 18 %

Location: Germany



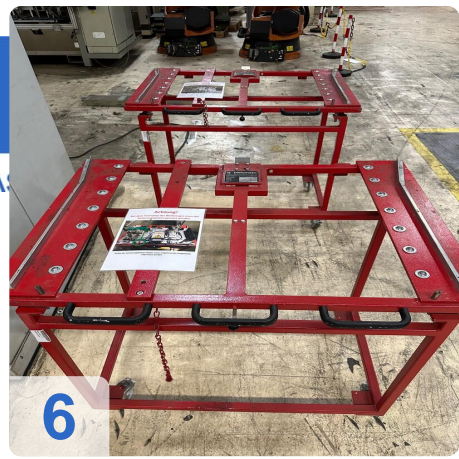
## Images:





Asset

Assets





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Video:







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**Asset-Trade**

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wide**

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