



## VBZ-3

**Fully Automatic Stud Feeder**  
for welding elements with flange  
according to current standards

### Technical Data

|                         |  |                              |
|-------------------------|--|------------------------------|
| Stud diameter           | #4 to 5/16", dia. #4 to 5/16" (M3 to M8, dia. 3 to 8 mm) other diameter on request |                              |
| Stud length             | 0.31" to 1.97" (8 to 50 mm)  |                              |
| Feed speed              | Up to 30 studs/min (depending on welding element and feeding tube)                 |                              |
| Air pressure connection | 6 bar/800 liter/min  |                              |
| Electrical supply       | 115 V, 60 Hz, 1,8 A (alternative input voltages available)                         |                              |
| Insulation class        | IP 20  |                              |
| Maße L x B x H          | 18.50" x 12.20" x 11.02" (470 x 310 x 280 mm)                                      |                              |
| Weight                  | 52.91 lbs (24 kg)  |                              |
| Order No.               | 94-66-103B   | (for dia. 3 mm)              |
|                         | 94-66-104B   | (for dia. 4 mm)              |
|                         | 94-66-105B   | (for dia. 5 mm)              |
|                         | 94-66-106B   | (for dia. 6 mm)              |
|                         | 94-66-171B   | (for dia. 7,1 mm)            |
|                         | 94-66-108B   | (for dia. 8 mm)              |
|                         | 94-66-153B   | (for X-mas tree stud dia. 5) |
|                         | 94-66-163B   | (for X-mas tree stud dia. 6) |

### General Information

#### Application

- Feeding unit VBZ-3 for quick, fully automatic feeding for welding elements with flange according to current standards
- Fully automatically feeding of **welding elements** from **dia. 3 to dia. 8 mm** (with flange); (other dia. on request)
- Length from **8 to 50 mm (no rebuilding)**

#### Options

- Additional regulation of exhaust air by a throttle is possible; this allows ideal adjustment of air flow required for various sizes of welding elements
- Special feeding units on request

### Advantages

#### Features

- Feeding bowl with special coating, to reduce abrasion and noise
- Exhaust air is pulse controlled, no permanent air consumption



## Structure

- Easy and quick changeover for various sizes of welding elements (with quick change system)
- Control in housing integrated
- All connections are placed on front panel for easy handling
- Air pressure can be individually adjusted on front panel of VBZ-3 for best feeding performance
- Air supply is sealed to the guide rail by valve to allow smooth orientation of welding elements
- Plastic cover allows easy check of transported welding elements
- Modular structure; easy to use

## Safety

- Mains filter is integrated for best electrical protection

Issue 03/07  
(Technical data may change)