

## The new digital feeding system

Automation at the Industry 4.0 level

The VBZ 5100 is one of the most important components of an automated studwelding System. It feeds the stud fast and reliable into the welding head. You can simply put the studs into the VBZ-System and it seperates the studs easaly by vibrations. After seperation the automated studwelding process can start.

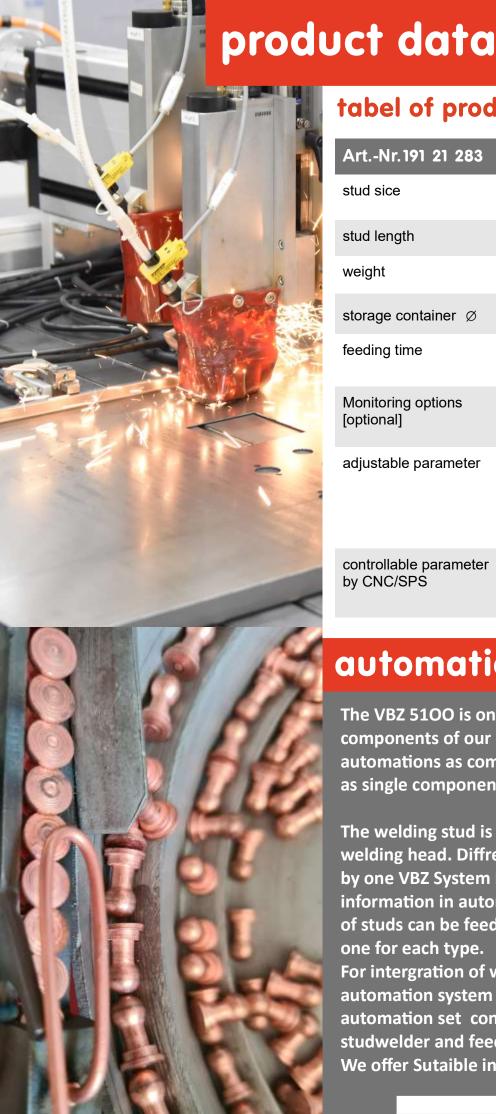
## The VBZ 5100 offers:

- ✓ robust and reliable technology
- monitoring of the feeding process
- easy integration in your automation-System
- digital adjustment



feeding of flange studs by DINENISO 13918





## tabel of product data:

ArtNr.191 21 283	technical daten
stud sice	M3-M8 [flange studs]
stud length	6-30 [mm]
weight	22,5 [kg]
storage container Ø	200 [mm]
feeding time	depending of feeding distance [Reference values follow soon]
Monitoring options [optional]	welding head sensor, feeding rail sensor
adjustable parameter	<ul><li>blow air [ffor diffrent Ø]</li><li>vibration time</li><li>vibration strengh</li><li>slide air</li></ul>
controllable parameter by CNC/SPS	<ul><li>ready</li><li>system malfunction</li><li>start</li></ul>

## automation concepts

The VBZ 5100 is one of the important studwelding components of our automations. We offer our automations as complet ready to go systems or as single components to integret in other systems.

The welding stud is seperated and feeded to the welding head. Diffrent welding heads can be feeded by one VBZ System by using a switch [More information in automation prospect]. Diffrent Types of studs can be feeded bei seperate Feeding system, one for each type.

For intergration of welding components in your automation system we offer you a studwelding automation set consisting of AS Ak1 [welding head], studwelder and feeding system with sutaible equipment. We offer Sutaible interfaces for system integreation.