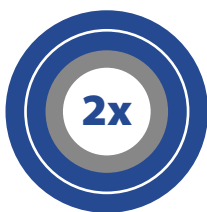
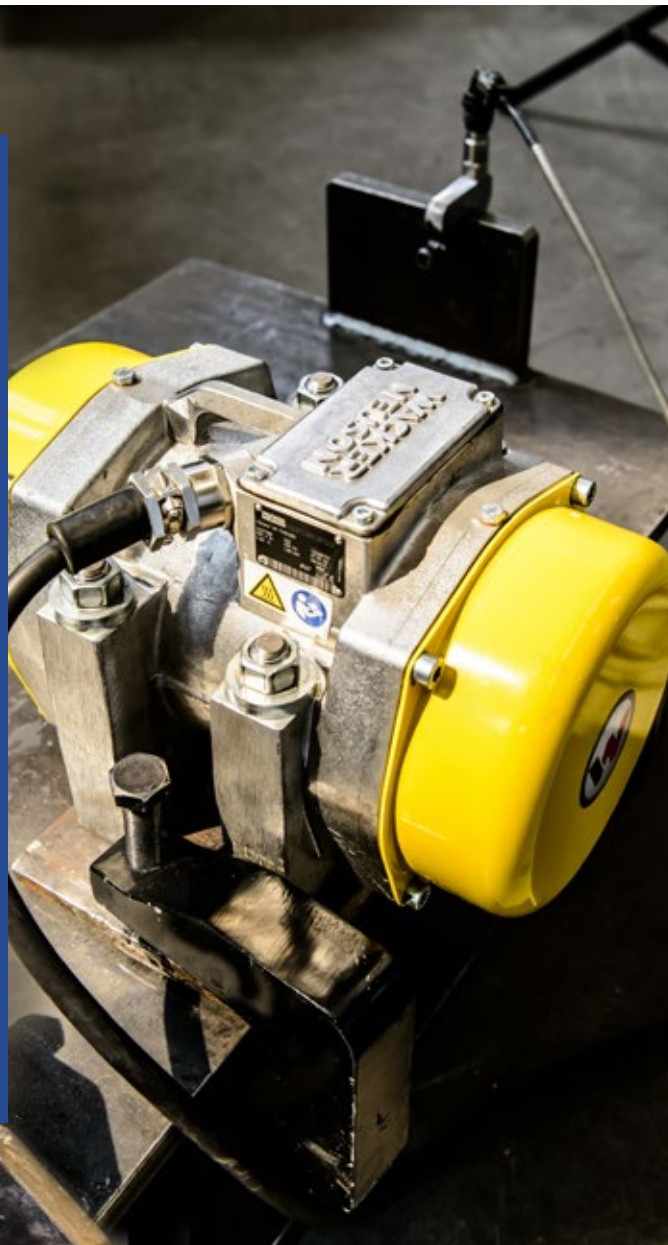
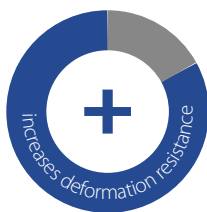


# VIBRATORY STRESS RELIEF EQUIPMENT VUZVZ-6

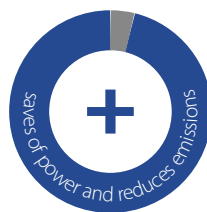
- » effective reduction of peak voltage by vibration
- » substitute for financially demanding heat treatment
- » automatic report generation
- » simple application directly in manufacturing
- » designed for metal structures, equipment and products



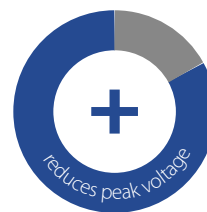
**extends the life**  
of devices and  
products **by 200 %**



**increases**  
**deformation**  
resistance **by 84 %**



**saves up to 98 %**  
**of power** and  
reduces emissions



**reduces peak**  
**voltage**  
by 50 to 80%



Výskumný ústav zvaračský  
Priemyselný inštitút SR  
Račianska 71  
832 59 Bratislava



0918 865 375



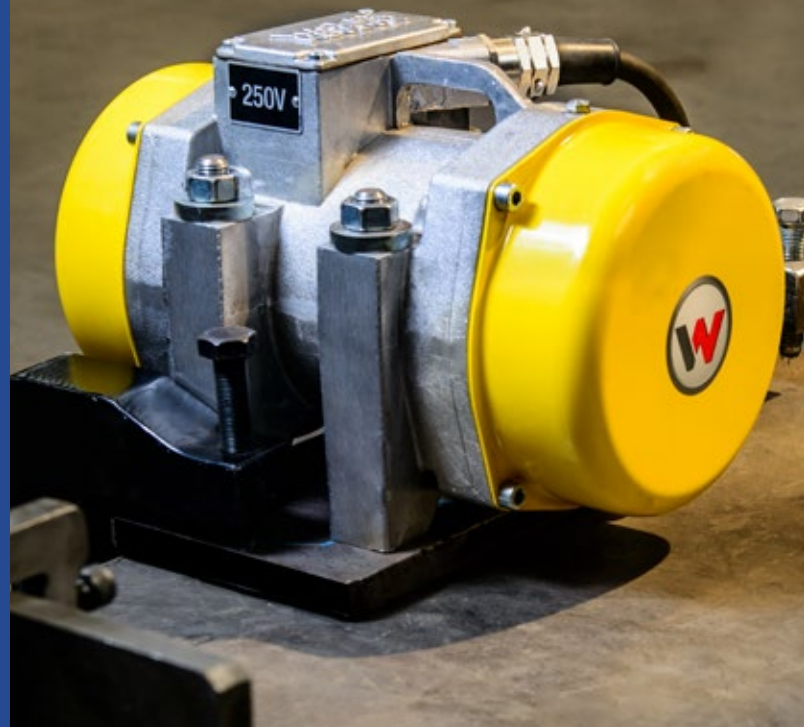
sales@vuz.sk



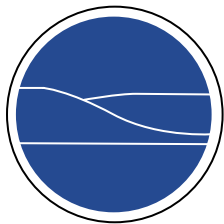
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# VIBRATORY STRESS RELIEF EQUIPMENT VUZ VZ-6

Vibration device **VUZ VZ-6** represents a new generation range of the device for vibration processing of components in a computer-controlled mode



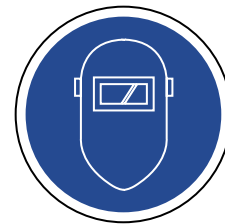
## USE OF THE VIBRATION STRESS RELIEF DEVICE VUZ VZ-6



**before mechanical machining,**  
in order to prevent deformations

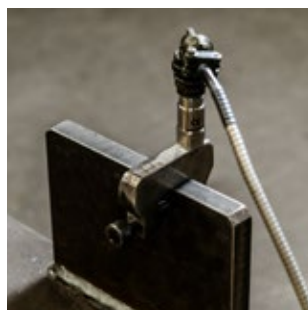
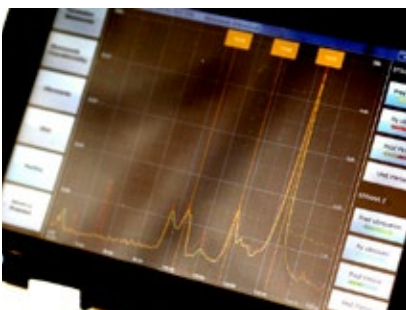


regularly to **extend the life of devices**



during welding to **strengthen the welds**  
and at the same time to eliminate the remains of strain

The device enables to generate a report with a graphic comparison of resonance characteristics before and after processing by vibration. In addition to the resonance frequencies and the corresponding period of vibration, the report also records amplitudes and the motor current during the vibration process.



## TECHNICAL SPECIFICATIONS

**CONTROL CABINET:** Power supply: 1 PEN 50 HZ, 23V | Input: 1,7 kVA | Protection: automatic voltage disconnection | Enclosure: IP 42 | Environment: ordinary, basic  
**ATTACHED VIBRATOR „WACKER“:** Power supply: PEN 3 x 250V, 50 Hz | Input: 1,6 kVA | Revolutions: 9000/min | Enclosure: IP 65 | Centrifugal force: 2,2 – 17,59 kN | Weight: 27 kg  
**VIBRATION SENSOR:** Measurement range: 50 g | Frequency range: 0,7 Hz – 6 kHz | Non-linearity: 1% | Sensitivity: 100 mV/g | Enclosure: IP 67 | Nom. moment: 3 – 6 Nm  
Weight: 150 g | Cable: 10m, insulation PTFE