

# Automatische Auswuchtmaschinen für Ausgleichsgehäuse

Automatic balancing machines  
for differential cases



# CEMB

BALANCING MACHINES



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## Automatic balancing machines for differential cases



### VEBK50/TO

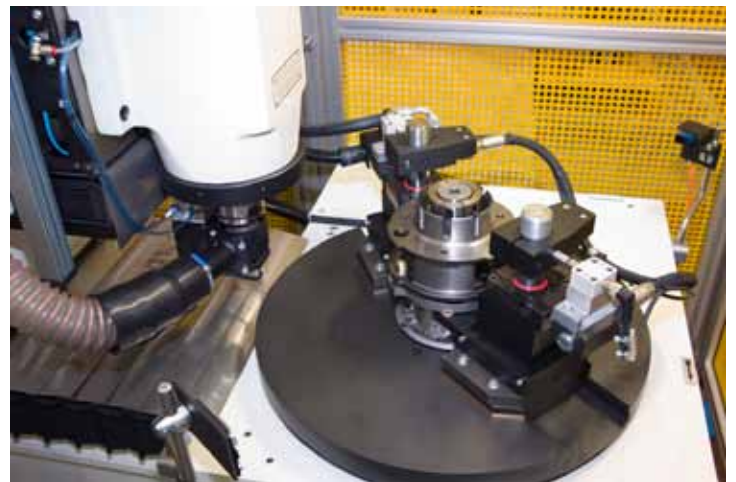
Auswuchtmaschine für Antriebskomponenten mit automatischem Ausgleich mittels Fräsen

Balancing machine for drive components with automatic unbalance correction obtained by milling.

### VEBK50/TO

Auswuchtmaschine für Ausgleichsgehäuse mit automatischem Ausgleich mittels Konturfräsens in zwei Ebenen. Zur Steuerung des Fräswinkels ist die Maschine mit einem Rundtisch ausgerüstet.

Balancing machine for differentials where the unbalance correction is obtained by an automatic contour milling operation on both correction planes. The machine is equipped by a rotary table for the milling operation.





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### VEBK50/UO/TO

4-Stationen-Auswuchtanlage.

- **Station 1:** Mess-Stand
- **Station 2:** Ausgleich obere Ebene durch Konturfräsen
- **Station 3:** Ausgleich untere Ebene durch Konturfräsen und Kontrolllauf
- **Station 4:** Teile-Übergabe

Ein 4x90°-Rundschwenktransfer erlaubt das gleichzeitige Be- und Entladen sowie den Teiletransport zwischen den einzelnen Stationen.

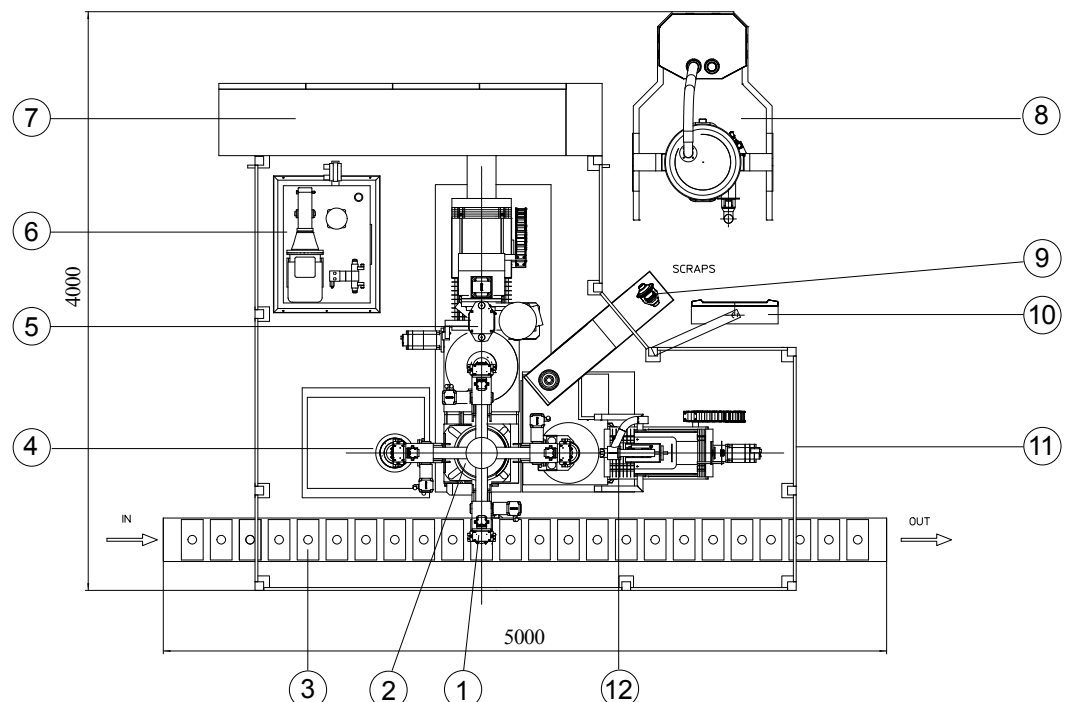
Automatic 4 stations system.

- *Station 1:* unbalance measuring
- *Station 2:* upper plane unbalance correction by milling operation.
- *Stations 3:* lower plane unbalance correction by milling operation and control run.
- *Stations 4:* station where the rotors will be "overhanded" from the conveyor to the machine.

A 4x90° rotary loading system allows at the same time the loading and unloading as well as the rotor transport between the single stations.



1. Loading/unloading station
2. Rotary loading/unloading device
3. Conveyor
4. Measuring station
5. Correction station upper plane
6. Oleodynamic device
7. Electrical cabinet
8. Swarf extractor
9. Scraps conveyor
10. Rotable strumentation B11
11. Safety guard
12. Correction station lower plane + control balancing station



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**SONDERANWENDUNGEN:**  
**SPECIAL APPLICATIONS:**

Beispiel einer Auswuchtmaschine mit einer Bohreinheit mit zwei Servo-Achsen.

Example of balancing machine equipped by drilling unit with two controlled axes.



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