



## SHIMMY AND RUN-OUT CONTROL UNIT



*The Shimmy and Run-Out Control Unit is a crucial device used in the wheel manufacturing process to measure the roundness and concentricity of the rim. This machine detects any deviations in rim geometry, which is critical for maintaining high-quality standards and ensuring optimal performance of the rims. Accurate measurements are vital for wheel balance and overall vehicle safety.*

### Features

- **Precision Measurement:** Accurately measures rim runout, wobble, diameter, and offset.
- **User-Friendly Interface:** Simple control panel for ease of use.
- **Compatibility:** Suitable for various rim sizes and materials, including steel and aluminum.
- **Automation:** Fully automated process reduces the need for manual intervention.
- **Data Recording:** Ability to record and store measurement data for quality control and traceability.
- **Durable Construction:** Made from robust materials designed for continuous operation.
- **Safety Features:** Equipped with safety mechanisms to protect operators.

### Benefits

- **Quality Assurance:** Ensures rims meet stringent quality standards by detecting even minor deviations.
- **Increased Efficiency:** Allows for quick intervention in production by detecting errors, thereby stopping defective production.
- **Cost Savings:** Minimizes material waste and reduces the need for rework, leading to cost savings.
- **Enhanced Safety:** Accurate measurements contribute to rim balance, thereby improving vehicle safety.
- **Flexibility:** Capability to measure different rim sizes and types adds versatility to the production line.
- **Ease of Use:** User-friendly design reduces training time and enhances operator efficiency.
- **Data Management:** Advanced data recording features support quality control and regulatory compliance.

| No. | Specifications                     | Agricultural | Agricultural and Truck | Agricultural and Heavy Vehicle |
|-----|------------------------------------|--------------|------------------------|--------------------------------|
| 1   | Wheel diameter range ( inch )      | 12 to 20     | 16 to 24               | 20 to 58                       |
| 2   | Wheel band width ( inch )          | 4 to 16      | 4 to 16                | 6 to 36                        |
| 3   | Wheel band thickness ( mm )        | ≤ 8          | ≤ 8                    | ≤ 10                           |
| 4   | Capacity ( Operation Time - sec. ) | 10           | 15                     | 15                             |
| 5   | Loading - Unloading                | Optional     | Optional               | Optional                       |



SHIMMY AND RUN-OUT  
CONTROL UNIT



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## **ABOUT İHSAŞ**

***ESTABLISHED IN 2018 IN İZMİR/TURKEY WITH STRONG ENGINEERING/DESIGN CAPABILITIES IN ORDER TO CARRY ON A BUSINESS IN WHEEL MANUFACTURING LINES AND AVIATION INDUSTRY.***

***İHSAŞ MEETS THE REQUIREMENTS OF MANUFACTURERS IN THE WHEEL MANUFACTURING INDUSTRY WITHOUT ANY COMPROMISE IN PARALLEL WITH ISO9001:2008.***

***IN ADDITION TOO BUILDING WHEEL MANUFACTURING LINES, İHSAŞ IS ABLE TO PRODUCE ALL MOLD APPARATUS AND INTERMEDIATE MACHINERY FOR PROCESSES ACCORDING TO NEED.***

***İHSAŞ ESTABLISHES LONG-TERM RELATIONSHIPS WITH CUSTOMERS AND CUSTOMER SATISFUCTION IS AT THE FOREFRONT.***

## **OUR VISION**

***TO CREATE AN UNRIVALED BRAND FOR TURKEY AND MOREOVER, GROWING WITH DETERMINED STEPS AS GLOBALLY.***

## **OUR MISSION**

***TO BE A PREFERRED SUPPLIER FOR CUSTOMERS.***

***TO CREATE A PERMAMENT COOPERATION IN EXIST.***

**balkancar**  **STARCO**  
- a KENDA company

  
**TRELLEBORG**

**AUSTEM**  
ORIGIN OF THE AUTOMOBILE

  
**MAXION**  
WHEELS

**CMS**

*mefro wheels* 

COMPONENTA

 **ACCURIDE**

 **jantisa**

**JAMAK** WHEELS  
your wheel partner...

 **Döktaş**

**AKO**  
abdulkadir özcan

  
**JAMAŞ**

  
**CAMSO**