

XW26 M V12

Doc.: Product Info Sheet XW26 M V12 Rev00

Manual Wheel Inspection Low-Cost Version



THE X-RAY SOLUTION



by Christoph Grohmann

Manual Wheel Inspection

With this product info sheet, we introduce our new generation of **Ultra Lean - Maximum Flexibility - Manual Solution** for the inspection of all kind and sizes of aluminium wheels.

We call it **XW26 M V12**.

Wheel Parameters

- ✓ wheel size: \varnothing 12" to 26.5"
- ✓ wheel height: max. 350 mm
- ✓ wheel weight: max. 80 kg
- ✓ max. material thickness: 100 mm

XW26 M V12 combines minimum footprint, maximum flexibility and extreme wide range of wheel types and sizes with the excellence of machine design.



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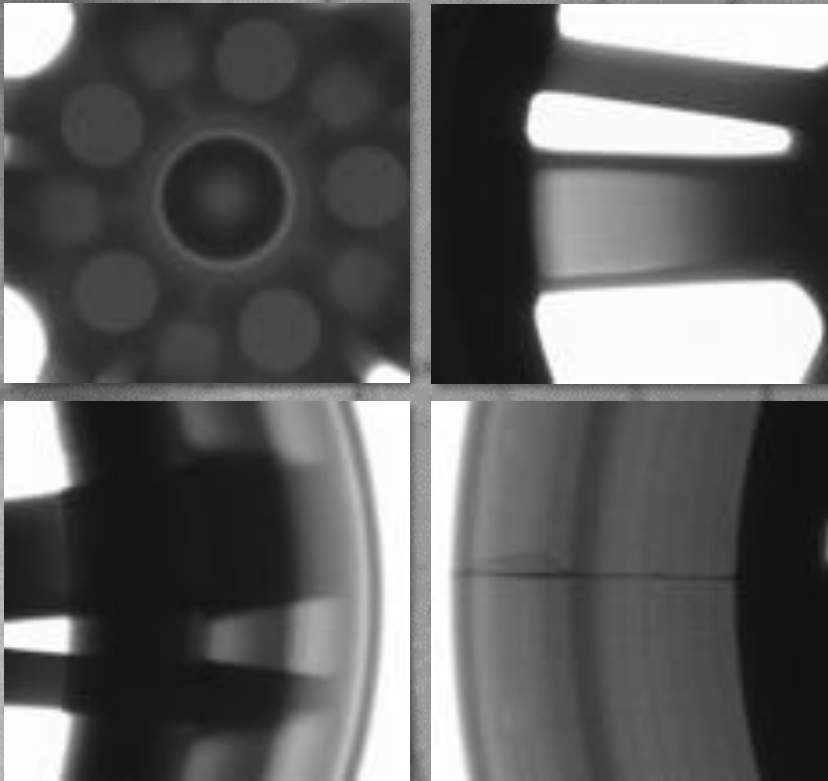
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Manual Wheel Inspection

Thanks to its C-Frame technology, **XW26 M V12** reaches all necessary inspection areas without any dead-zones. Joystick controlled AC-drives make it the most cost- efficient offline wheel inspection system. Based on its integrated swivel-door, **XW26 M V12** can be used in total mix-production of different wheel sizes without any wheel-type specific adjustments.

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Human Machine Interface

The user interface is structured very straightforward, and a lot of visual tools and filters support the user to apply to the specific wheel type within short time and in an intuitive and easy to learn fashion.

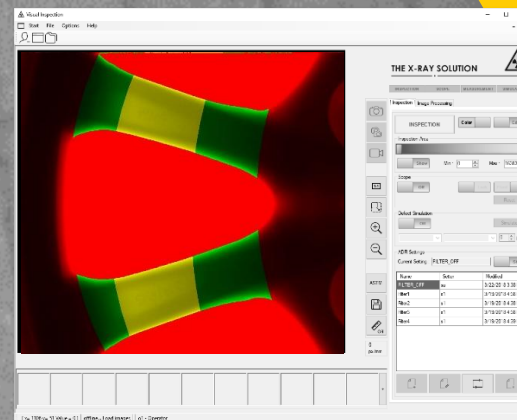
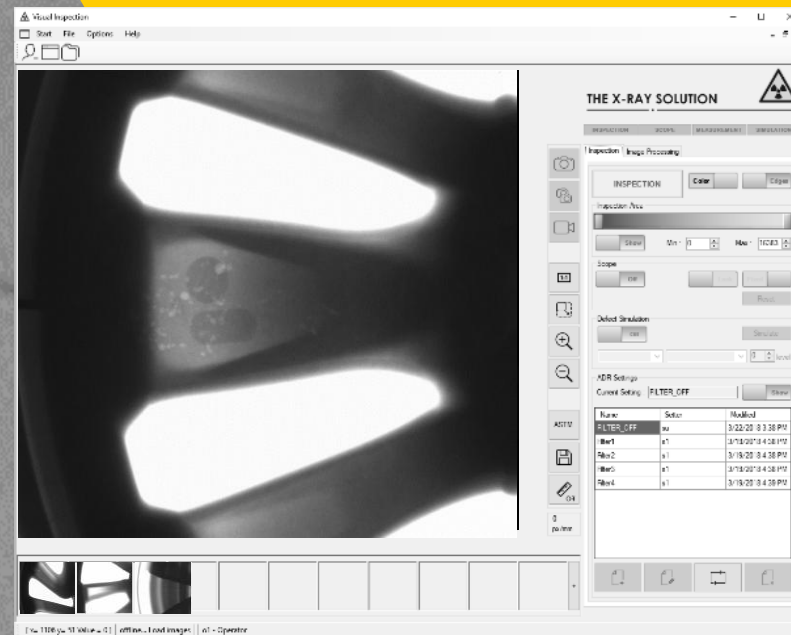
The human machine interface is designed according to the rules of ergonomic workplaces. Especially the large safety window gives an excellent view to the operator onto the wheel while it is being moved into the specific positions.

Image Processing Filters

- ✓ Positive / negative image
- ✓ 3D-relief image
- ✓ Magnification (digital zoom)
- ✓ X-filter
- ✓ Contrast enhancement
- ✓ Brightness
- ✓ Sharpness
- ✓ Live and snap views
- ✓ Measurement tool
- ✓ Pseudo colours

Image Processing Filters

- ✓ Smallest defect size: 0.2 mm 3D-relief image
- ✓ Sensitivity: better than 1.2%
- ✓ Resolution: better than 4.3 LP/mm to 4.6 LP/mm



Manual Wheel Inspection

General Features

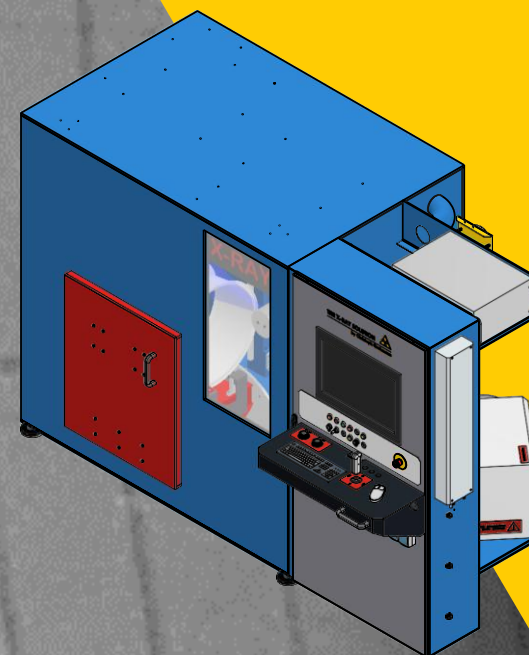
- ✓ Manual offline System
- ✓ Brilliant Image Quality
- ✓ 160 kV X-ray System
- ✓ Digital Flat Panel, 300x300 mm, 145µ
- ✓ C-frame with tilting +/- 45°
- ✓ Image Processing Filters

Special Features included

- ✓ Surveillance Cams and Tele-maintenance
- ✓ Integrated swivel-door for easy loading / unloading
- ✓ XXL Service Door

Technical Data

- ✓ Dimension: 2124 x 1590 x 2060 mm (LWH)
- ✓ Weight: 2.2 metrical tons
- ✓ 3P~/N/PE, 400V, 50/60Hz, 18A



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Manual Wheel Inspection

Our Commitment

- ✓ Highest Level of German Machine Design and Quality
- ✓ World-class Components like Siemens PLC and Spectra IPC, SEW
- ✓ System Concept: immediate ready to use
- ✓ Industry 4.0
- ✓ TUV Approval Certificate
- ✓ 2 Years Guaranty
- ✓ Service Contract with 24/7 Support
- ✓ Sustainability



ASK FOR DETAILED PERFORMANCE LIST
XW26 M V12 AND QUOTE

FOR MORE INFORMATION, PLEASE CONTACT
contact@thexraysolution.de

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Contact Addresses



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