



GRINDING WHEEL DRESSING MACHINE

GWDress



GWDress-250 Smartline

GWDress-250 Smartline is equipped with a modern control technology for a new dimension in quality and productivity.



CE-certified

The GWDress-250 Smartline complies with European machine guidelines. It is CE-certified and has a 12 months warranty.

Excellent price-performance ratio

Significantly better than comparable machines on the market.



Sustainability as a decisive factor

For us, sustainability and therefore a long service life of the machine is a decisive factor.



Intelligent CNC control for maximum precision

Our GWDress-250 Smartline dressing machine is equipped with a high-quality Inovance CNC control system that handles the dressing process fully automatically.

Precise control of both axes – the rotary axis and the feed axis – ensures accurate, repeatable, and reliable machining.

The 2-axis control enables:

- Automated dressing process without manual intervention
- Synchronized motion sequences for maximum accuracy
- Efficient operation with reduced setup time



TECHNICAL DATA

GENERAL

- HSK-50 mounting or customer request
 - max. grinding wheel diameter: Ø 250 mm
 - max. dressing wheel diameter: Ø 300 mm
 - Grinding wheel speed: 0-1500 rpm (continuously adjustable)
 - Dressing wheel speed: 0-2800 rpm (continuously adjustable)
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SOFTWARE

- GWDress Studio Software
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RANGE OF AXIS MOTION

- left/right: 135 mm
 - forward/backward: 135 mm
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DRESSING

- Oscillation movement: 0-50 rpm (continuously adjustable)
 - Swivel length of dressing wheel: 0-50 mm (adjustable)
 - Optical scale device: 0.001 mm (X, Y and rotary axis)
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FURTHER INFORMATION

- With enclosure
- 2-axis control
- DXF-Import possible
- LCD-screen with camera optics and magnification
- Radius can be dressed
- Wheel packages can be dressed
- Dimensions: approx. L: 1200 mm x W: 1200 mm x H: 1900 mm
- Weight: approx. 1.400 kg
- Electrical connection: 380 V or on request

LATEST INNOVATION AT GWD INDUSTRIAL

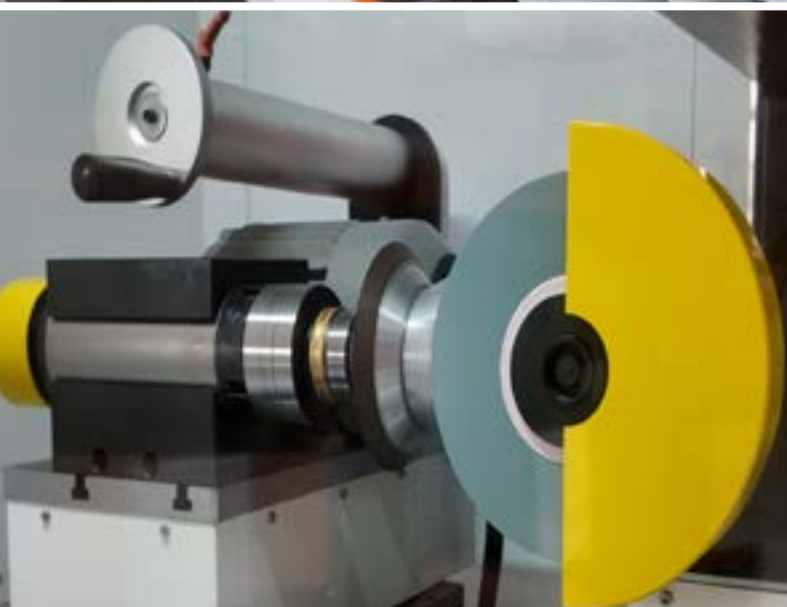
NEW SOFTWARE ERA

Completely new software,
including AI features!

IMPORTANT INFO

- ✓ AI support for automated measurement of the workpiece
- ✓ Insert DXF files
- ✓ Live image transmission
- ✓ Available in all languages worldwide, which makes work much easier for production employees
- ✓ Also compatible with used machines that you want to equip with new software and camera optics

[Learn more in our video](#)



We look forward to your inquiry and are ready to give you the best advice.

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