



# Asset-Trade

Assessment & Sale of Used Assets

Ref. No.: 825-06211722

## Overview and Technical Data:

**EMAG KARSTENS - K21 External / internal  
cylindrical grinding machine**

**KARSTENS**

**KARSTENS**  
**EMAG**

Year of Build: Jan 1989

Rebuild year: Jan 2011



## Description:

### Used KARSTENS K21 Round Grinding Machine-Universal

2011 Overhaul by Weiss Schleiftechnik for almost 80,000 euros

#### Technical Data

- Grinding length 1500 mm
- Max. Grinding diameter 500 mm
- Top height: 250 mm
- Grindable bore max. Diameter: 3-300 mm
- Workpiece weight: 400 kg
- Workpiece spindle - bore: 52 mm
- Workpiece spindle speed: 15-135 u. 40-340 rpm
- Grinding spindle swivelability 0 - 180 degrees
- feed control
- Total power requirement: 12 kW
- Space requirement: 7,2x3x2 m

#### Performed machine overhaul in 2011

- Mechanical overhaul. Step 1 of the offer
- Replace hydraulic system and drive motor
- Soft start of the workpiece spindle
- Feed control F2001 / 1
- Electrical equipment (e-cabinet, control elements PLC control, etc.)
- Geometry acceptance according to DIN 8630
- Remontage and commissioning (1 day)
- packaging costs
- Crane truck (15 tons)
- Minus intra-company transport by HDM
- Partial painting of the reworked components
- Removal: pneumatic. Air cushion removal of the Z-axis upper table
- Completely new changing door with safety glass, fused with CE-marking
- Adjustable internal grinding wheel
- Hydraulic construction speed



## Technical Data:

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Control: HEIDENHAIN

### Dimensions and Weight:

Height: 2.000 mm

Length: 7.200 mm

Width: 3.000 mm

Weight: 4.300 kg

### Buyer Information:

Condition: Very good condition

Available: On Request

Sold as:

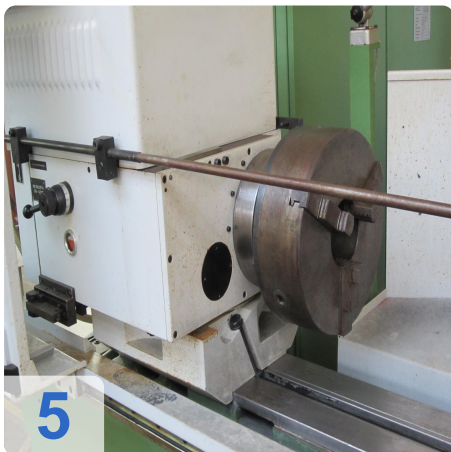
EXW (Ex Works - Incoterm)

VAT: 19 %

Location: Germany



## Images:

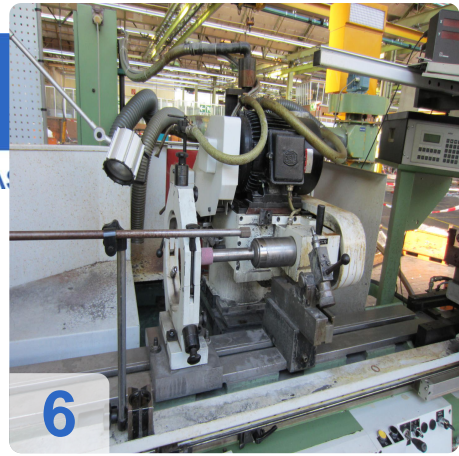




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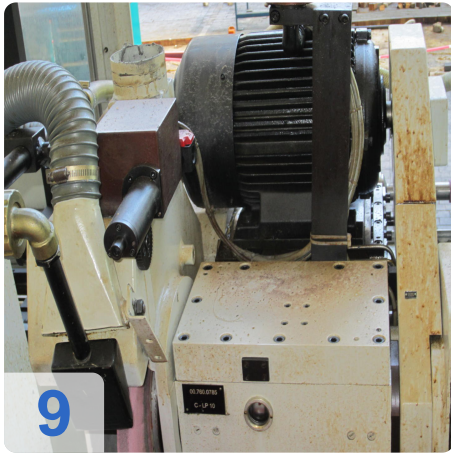
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Auftrags-Nr.	SER-12-10-W21-Heid.1
Maschinen-Nr.	W2110S7120011/54
Baujahr	Retrofit: 2011
Betriebsspannung	~ 3 x 400 V
Steuerspannung	24 V DC
Anschlußleistung	13 kW
Vorsicherung	35 A



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wide**

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