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Ref. No.:

825-06211722

## **Overview and Technical Data:**

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

**[KARSTENS](#)**

ENMKA

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:**

## **Technical Data:**

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:**



1



















SUG Durchm	Riem. Spin. m/sec	SUG-Dat o.k.	Einstechen	Längsschl. Zust. Links	Längsschl. Zust. Rechts
F1	F2	F3	F4	F5	F6
Schrupper mm : mue	Schichten mm : mue		Ausfunz. / Leerhöhe	Rück-Weg mm	Rückhol- erreicht
F7	F8	F9	F10	F11	F12

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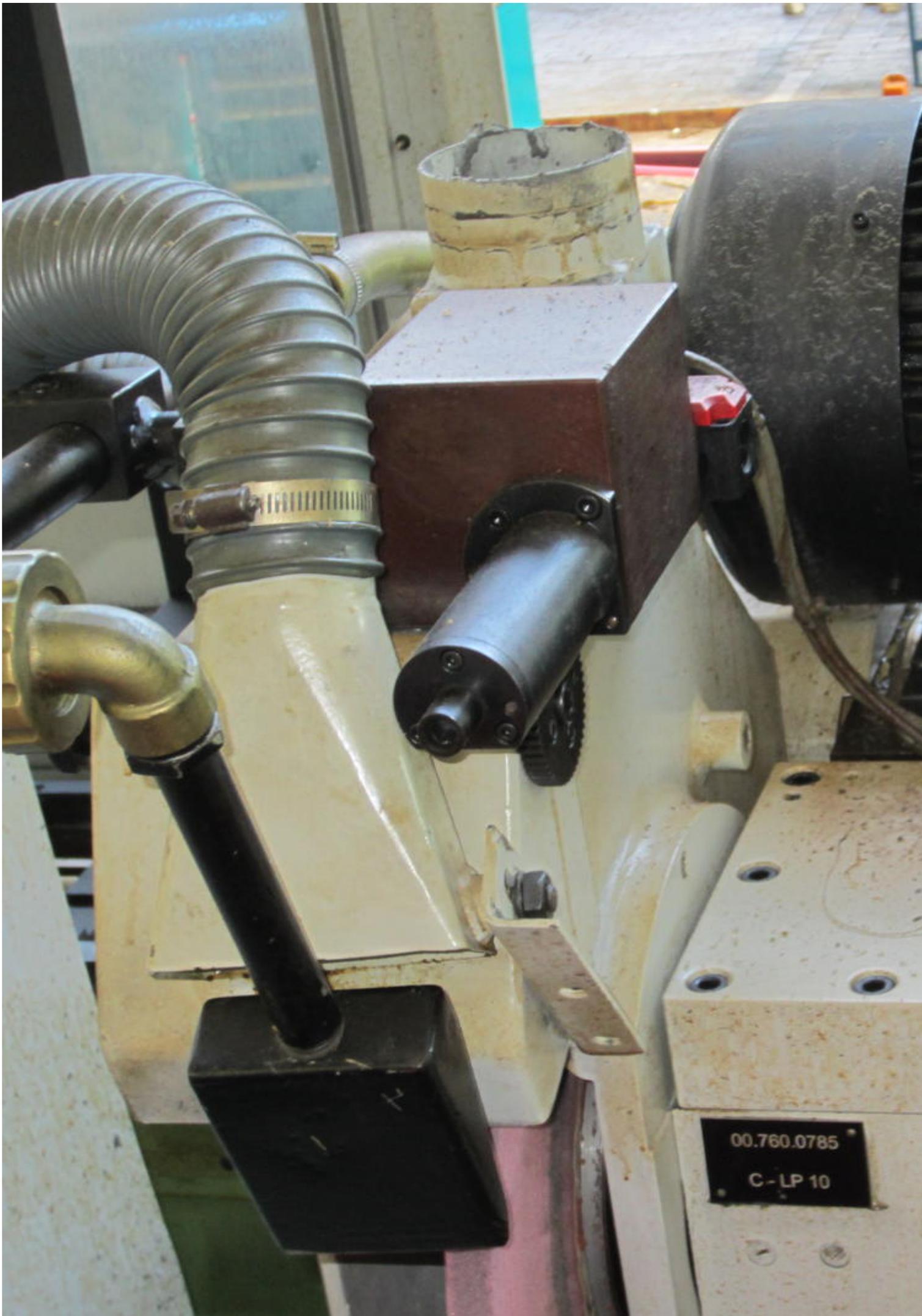
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HEIDENHAIN





00.760.0785

C-LP 10





Georg Karstens Gm

7302 Ostfildern-R

West Germany

88 018 16 21 1





CNC-Technik Weiß GmbH  
Neckarstraße 10  
72666 Neckartailfingen

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Auftrags-Nr.

Maschinen-Nr.

Baujahr

Betriebsspannung

Steuerspannung

Anschlußleistung

Vorsicherung



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Web.: <https://www.asset-trade.de/en>

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[EXW \(Ex Works - Incoterm\)](#)  
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[19 %](#)  
Location:  
Germany

### **Images:**



1











00.765.0714  
CG-LP









SUG Durchm	Riem. Spin. m/sec	SUG-Dat o.k.	Einstechen	Längsschl. Zust. Links	Längsschl. Zust. Rechts
F1	F2	F3	F4	F5	F6
Schrupper mm : mue	Schichten mm : mue		Ausfunz. / Leerhöhe	Rück-Weg mm	Rückhol- erreicht
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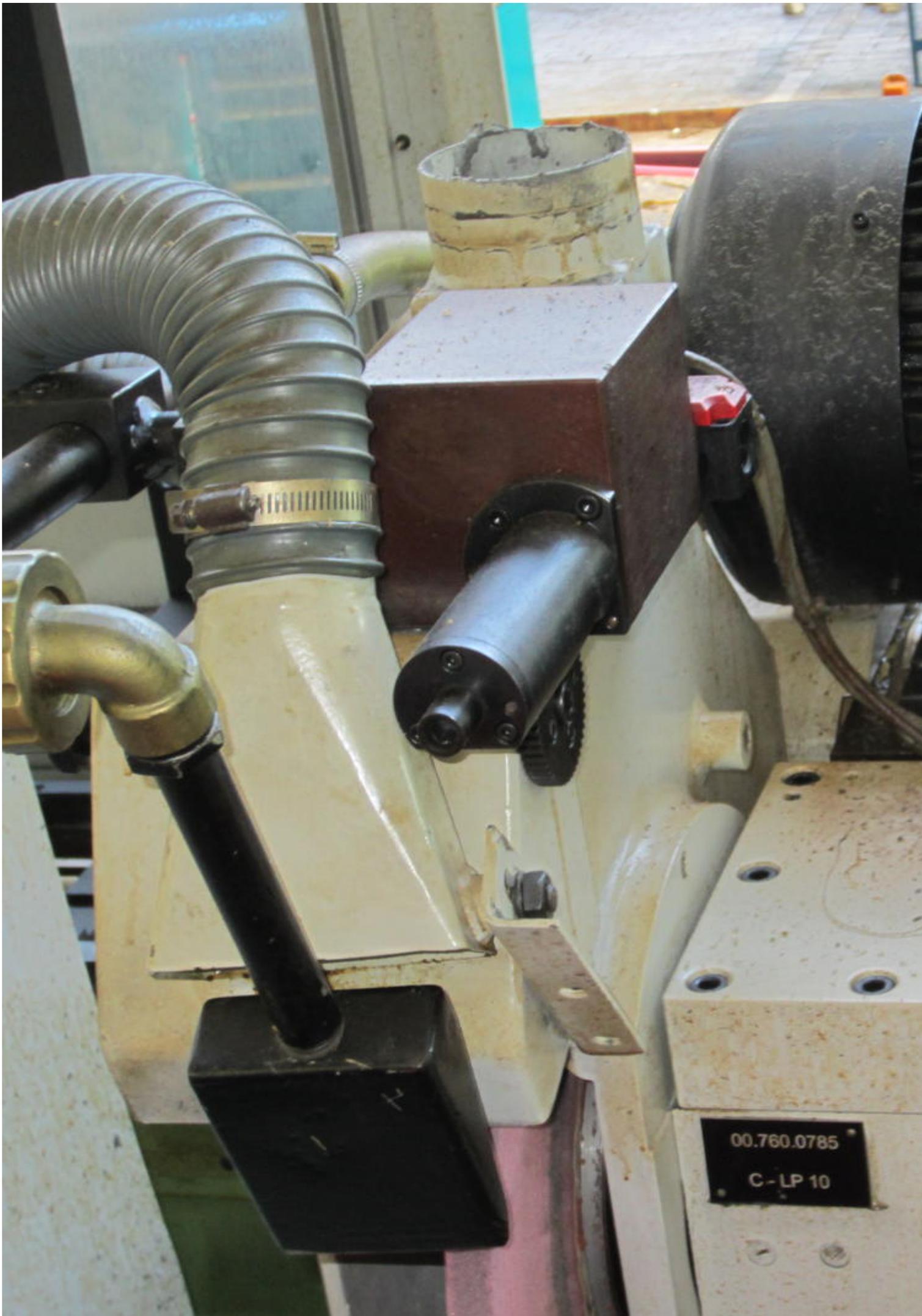
X

Y



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