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Ref. No.:

825-06211722

Overview and Technical Data:

EMAG KARSTENS - K21 External / internal cylindrical grinding machine

KARSTENS

The logo for ENVIKA features the word "ENVIKA" in a bold, sans-serif typeface. The letters "E", "N", "V", "I", and "A" are rendered in a light gray color, while the letters "K" and "A" are in a vibrant blue. The text is positioned within a white rectangular area that is framed by a thick gray border.

ENVIKA

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:















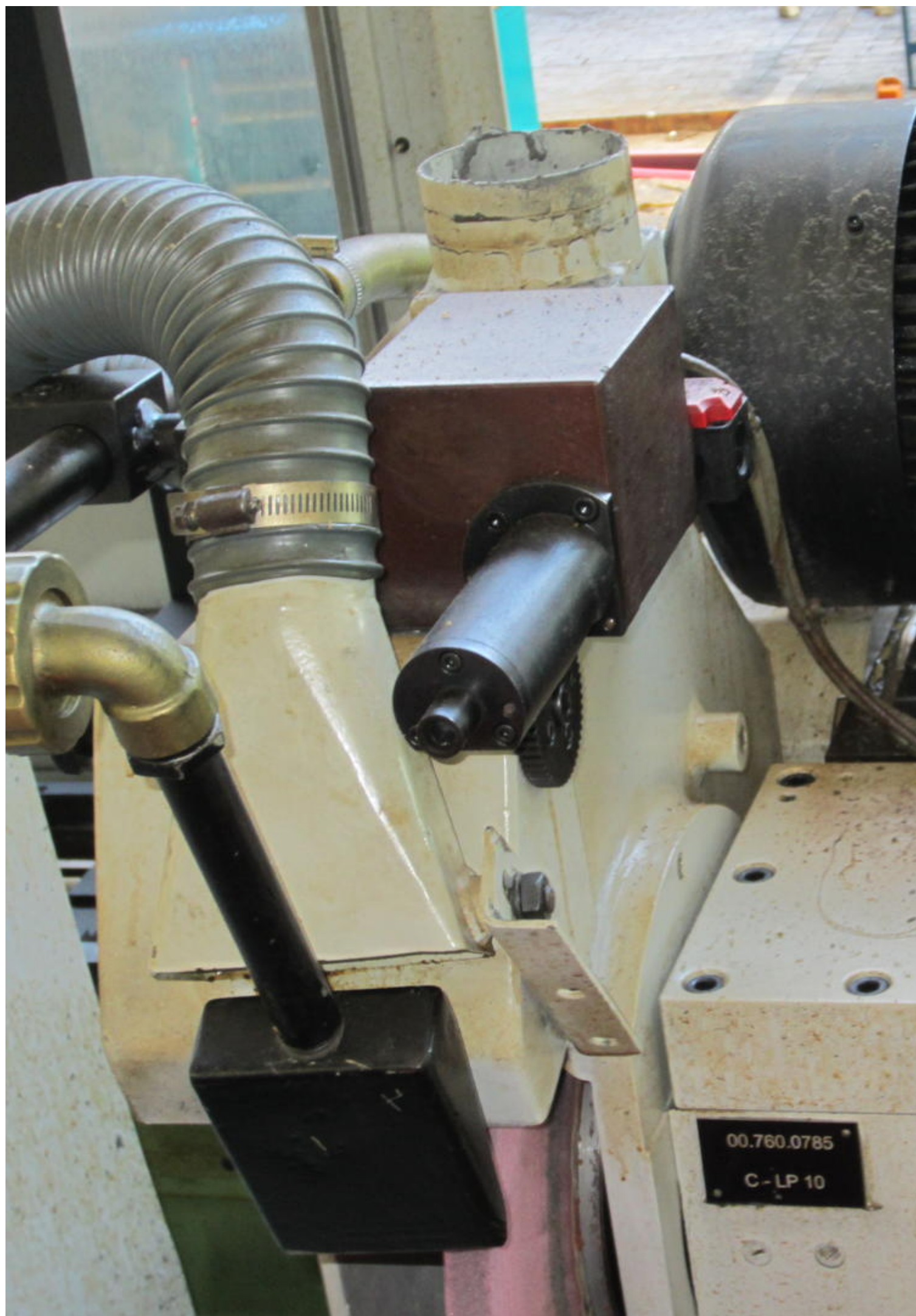
SUG Durchm.	Riem. Spin. m/sec.	SUG-Dat. o.k.	Einstecken	Längsschl. Zust. Links	Längsschl. Zust. Rechts
F1	F2	F3	F4	F5	F6
Schrupper mm : mue	Schlichten mm : mue		Ausfunke. / Leerhöhe	Rück-Weg mm	Rückhol- erreicht
F7	F8	F9	F10	F11	F12

X

Y



HEIDENHAIN



00.760.0785

C-LP 10

Georg Karstens Gm

7302 Ostfildern-R

West Germany

88 018 16 21 1



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Auftrags-Nr.

Maschinen-Nr.

Baujahr

Betriebsspannung

Steuerspannung

Anschlußleistung

Vorsicherung



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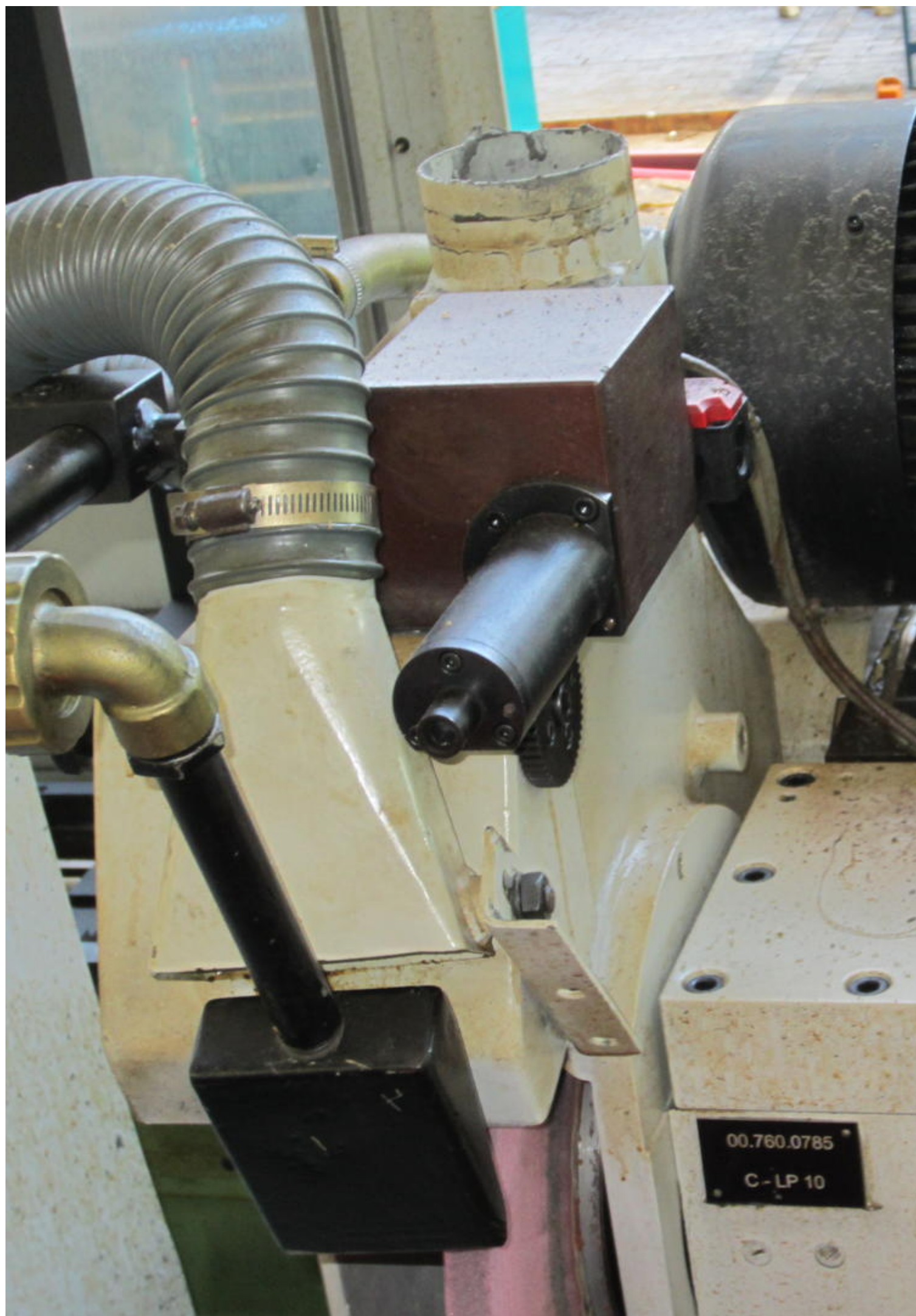
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