



**Asset-Trade**

Assessment & Sale of Used Assets

Ref. No.: 922-05311056

**Overview and Technical Data:**

**KLINGELNBERG - PSKE 900 Bevel gear testing machine**

**KLINGELNBERG**



**KLINGELNBERG**

Year of Build: Nov 1977



## Description:

### Used KLINGELNBERG PSKE 900 - Single-flank rolling test system for bevel and bevel gears

#### Technical specifications

- Wheel diameter - max 450 mm
- Spindle bore wheel 90 mm
- Spindle hole sprocket 90 mm
- Max. Installation dimension, wheel / pinion 425mm
- Hypoid adjustment none
- Angle adjustment 45-135 degrees
- Max. Speeds 30 rpm
- Brake mechanically
- Max. Wheel weight 50 kg
- Machine weight 1600 kg
- Dimensions (LXBXH) 1600 x 2400 x 1600 mm

The following parameters can be measured here:

- One-flank deviations  $F_i'$ ,  $f_i'$ ,  $f_l'$ ,  $f_k'$
- backlash
- Concentricity, roundness (option)
- Contact pattern with digital camera
- pitch deviations
- FFT analysis, spectrum

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The bevel gear testing machine Klingelberg PSKE 900 is designed for the universal single flank rolling test of bevel gears and crown wheels. Here, gears can be measured and analyzed graphically by means of single flank and two flank rolling tests. These test methods are particularly suitable for the determination of errors in the gear geometry such as concentricity and run-out characteristics, rolling deviations or pitch errors. Here a practical installation situation of a gearing outside the gearbox under real load conditions is simulated and subsequently evaluated. Deviations in the gearing geometry, machining errors due to defective tools and damage to the gearing can thus be detected and eliminated before assembly.



## Technical Data:

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Control: CNC

### Buyer Information:

Condition: Very good condition

Available: Immediately

Sold as:

EXW (Ex Works - Incoterm)

VAT: 19 %

Buyers Premium: 16 %

Location: Germany



## Images:





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**Assessment and Sale of Used Assets world  
wide**

**Am Sonnenhof 16**

**47800 Krefeld**

**Germany**

**Tel.: +49 2151 32500 33**