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Ref. No.:  
1327-07072100

## Overview and Technical Data:

# BERCO Lynx 2000 CNC crankshaft grinding machine

## BERCO



Year of Build:  
Jan 2013

## Description:

# Used BERCO Lynx 2000 CNC cylindrical grinding machine

High performance grinding Machine for Camshaft

## Technical Data:

- Max. Grinding diameter 300 mm
- Center distance 1700 mm
- Max. grinding wheel diameter 660 mm
- Min./Max. grinding wheel width 20/80 mm
- Grinding spindle head (X-axis)
  - Axis drive with linear motor
  - Travel 490 mm
  - Measuring device optical scale
  - resolution 0,0001 mm
- Workpiece head (C-axis)
  - Speed range of the work piece spindle 1 - 1000 rpm.
  - Measuring device encoder
  - resolution 0,0001
- Table (Z-axis)
  - Axis drive with linear motor
  - Measuring device optical scale

- resolution 0,0001 mm
- Machine dimensions L x W x H 5500 x 2600 x 2000 mm
- Machine weight 9850 kg

Machine can be inspected by appointment

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The Lynx line of crank and cam grinders offers a completely new, simple and versatile solution for grinding crankshafts and camshafts with just one machine. Grinding of the main, rotary or ejector magazines is simply possible without the need for an eccentric chuck. Convex and concave cam contours are achieved in a single clamp without the use of cam masters simply by using the contour machining control Lynx software.

- A single machine for crankshafts and camshaft grinding.
- The most flexible solution for regrinding and for series production.
- State-of-the-art technology.
- Friendly man-machine interface and very simple machine operation.
- Effectiveness and cost saving.

Thanks to CNC machines and specific software, the contours of the crankshaft and camshaft (negative and positive) are obtained by tabular interpolation in the forward axis of the wheel head taking into account the angular position and the height value of the room. This engineering solution allows the operator to produce practically any contour, compatible with the shape of the grinding wheel and the geometry of the machine, by simply entering specific parameter data. Simultaneous machining of crankshaft ends increases productivity and offers decisive quality advantages. Another advantage is the short set-up time for tool changes, as the wide service door and good accessibility of the machine work area allow for tool changes. Wide maintenance doors and good access to the machine work area allow for changing the grinding wheel. The grinding wheel can be changed in the shortest possible time

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## **Technical Data:**

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Control:

[SIEMENS](#)

## **Dimensions and Weight:**

Height:  
2.000 mm  
Length:  
5.500 mm  
Width:  
2.600 mm  
Weight:  
9.850 kg

## **Buyer Information:**

Condition:  
[Very good condition](#)  
Available:  
[On Request](#)  
Sold as:  
[EXW \(Ex Works - Incoterm\)](#)  
VAT:  
[19 %](#)  
Buyers Premium:  
[18 %](#)  
Location:  
Germany

## **Images:**



**BERCO**



















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**Video:**



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Generated on 17.05.2026

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