Knuth Sinus 330 x 1500

Knuth Sinus 330 x 1500 lathe, built in 2014, in very good original condition
The machine was custom-built by a renowned German machine manufacturer.
CE-compliant!!

Technical Specifications:
Year of manufacture: 2014
Knuth Sinus 330 x 1500
Working range
Workpiece length: 1,500 mm
Turning diameter over bed: 660 mm
Rotational diameter over support: 440 mm
Turning diameter without bridge: 900 mm
Bridge length 320 mm
Bed width 400 mm
Travel ranges: X-axis travel 368 mm
Z1-axis travel 230 mm
Swivel range of upper slide 45°
Main spindle
Spindle speed 25 1/min – 1,600 1/min
Spindle bore 105 mm
Spindle mount D1-8
Spindle taper ø 113 mm / 1:20
Rapid traverse
Rapid traverse, X-axis 2,000 mm/min
Rapid traverse, Z-axis 4,000 mm/min
Tailstock
Tailstock quill diameter 90 mm
Tailstock taper 5 MK
Tailstock quill stroke 235 mm
Tailstock cross adjustment ± 12.5 mm
Drive Specifications
Main drive motor power 7.5 kW
Dimensions and Weights Dimensions (L x W x H) 3.21 m x 1.23 m x 1.6 m
Weight 2,800 kg

About the Machine:

The Sinus D is the largest series in the universal lathe segment. Conventional lathes like this one are characterized by their robust construction and high versatility. The construction follows the classic design but is based on a heavy, one-piece cast machine bed. As with heavy-duty lathes, the power transmission between the motor and the spindle is achieved via a manual multi-disc clutch. With integrated features such as the removable bed bridge, rapid traverse, and a taper turning attachment, this series offers optional solutions for machining long workpieces or large flanges.

Heavy-duty, one-piece cast bed with high stability
Solid headstock with large spindle bearings
Rapid traverse in 2 axes for fast positioning
Taper turning attachment for additional applications
Well-designed safety features

You can find more lathes from renowned manufacturers on our website https://awm-gmbh.de/