

Conventional Horizontal Lathes

Sinus 330/1500 D

SKU : 800010

USED

Construction year 2022, technically checked and serviced, slight signs of use and paint defects

Sinus D is the largest series in the universal lathes segment. The construction follows a classic design but is based on a heavy, one-piece cast machine bed. As with heavy-duty lathes, the frictional connection between the motor and the spindle takes place via a manual multi-disc clutch. With integrated functions such as the removable bed bridge, rapid traverse and a taper turning device, this series offers optional solutions for machining long workpieces or large flanges.

- One-piece heavy-duty cast bed for increased rigidity
- Sturdy headstock design with large spindle bearings
- Rapid feed on 2 axes for fast positioning
- Taper turning attachment for additional applications



TECHNICAL SPECS

WORKING AREA

Workpiece length (max.)	1500 mm
Turning diameter over bed	660 mm
Turning-Ø over support	440 mm
Turning diameter without gap bridge	900 mm
Gap bridge length	320 mm
Bed width	400 mm

TRAVELS

Travel X-axis	368 mm
Travel Z1-axis	230 mm
Swing range of top slide	45°

HEADSTOCK

Spindle speed	25 1/min - 1600 1/min
Spindle bore	105 mm
Spindle mount	D1-8
Spindle taper	5 MT

RAPID FEED

Rapid feed X-axis	2000 mm/min
Rapid feed Z-axis	4000 mm/min

FEED

Feed X-axis	0.022 mm/R - 0.74 mm/R
Feed Z-axis	0.044 mm/R - 1.48 mm/R

THREADING

Threading, metric	0.45 mm - 120 mm
Threading, diametric	0.88 DP - 160 DP
Threading, module	0.25 mm - 60 mm
Threading, whitworth	(54) 7/16 - 80 TPI

TAILSTOCK

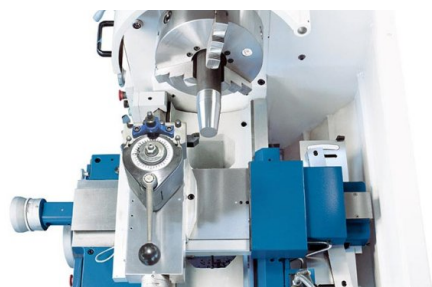
Tailstock quill diameter	90 mm
Tailstock taper	5 MT
Tailstock quill stroke	235 mm
Tailstock traverse adjustment	± 12,5 mm

DRIVE CAPACITY

Motor rating main drive	7.5 kW
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	3.21 m x 1.23 m x 1.6 m
Weight	2800 kg



PRODUCT DETAILS

- Removable bridge (250 mm) for machining of large parts with diameters up to 1035 mm
- High accuracy and low-noise operation even at high cutting power
- Heavy and large bed
- Hardened guideways (>HB 400)
- 105 mm spindle capacity for machining of large parts
- Manual central lubrication
- Clutch for soft startup with heavy parts
- Automatic lubrication of headstock and main drive
- Protected leadscrew
- Overload protection for feed shaft and leadscrew
- Support moves in linear and cross directions via rapid feed