

Bar Automatic Lathe - Single Spindle

NILES N20/2x1000



stock-no.:	0300143
type of machine:	Bar Automatic Lathe - Single Spindle
make:	NILES
type:	N20/2x1000
year of manufacture:	2010
type of control:	CNC
country of origin:	Germany
storage location:	Saxonia
delivery time:	immediately
freight basis:	EXW, free on truck unpacked
price:	on request



technical details

spindle passage:	92 mm
z-axis:	mm
turning length:	1000 mm
z-axis:	min.: 404 mm
z-axis:	max. 1130 mm
facing movement (x-axis):	min./max.:15 / 335 mm
control:	Sinumerik SL840D
spindle turning speed - continuous:	U/min
max. torque on the spindle:	2500 Nm
feed speed:	mm/min
feed speed:	mm/min
tool turret:	12 tools axial
operating pressure:	6,0 bar
rapid traverse:	20 m/min
total power requirement:	88 kVA
weight of the machine ca.:	t
dimension machine approx.LxWxH:	ca. 4,45 x m
dimensions of the bar loader L-W-H:	ca. L: 5,7 x B: 2,65 x H: 2,4 m

additional information

CNC lathe with bar loader - inclined bed lathe

- control SL 840D with NCU software 2.6, system software 1.4, store turn software 6.4, with one orientable C-axis, without driven tools
- chuck KNCS 260-72, SMW Autoblok
- clamping force generator via clamping cylinder VNK-200/86 / SMW Autoblok
- measuring system Fa. Heidenhain
- Tool disk turret Sauter VDI50, electric drive

Bar loaderMaster 80HF, type 33LL:

- Dimension round material min./max.: Ø 20mm / 80mm
- Minimum length of workpiece: 33-38-43 to 1000mm
- Max. length of workpiece: 33 - 3300mm / 38 - 3800mm / 43 - 4300mm
- Feed speed (adjustable) 150mm/sec. - Return speed (adjustable) 950mm/sec.
- max. remnant length: Ø 8+65mm = 400mm / Ø 66+80mm = 250mm
- min. remnant 120mm

Chip conveyor / hinged belt made by Richter, type SP 450/63

- discharge height = 1000mm, discharge side right

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Accessories:

- div. tool holders VDI 50
- sizing adapter SK50-> VDI 50
- power chuck Hainbuch Toplus Kombi Ax-zug GR100
- div. sleeves, guide jaws for bar loader Ø 20 - 75mm