

Numturn 420 CNC

Powerful CNC technology for high flexibility and easy handling



- Siemens 808 D Advance TTL
- VDI - tool turret
- Hydraulic power chuck
- Hydraulic tailstock

- Numturn SI including hydraulic chuck (7.9") with adjustable holding force, and 8-station tool turret
- Manually transverse the X- and Z-axis via 2 electronic hand wheels
- Induction-hardened, ground guideways
- Longitudinal and transverse movements via high-quality preloaded ball screws and servo drives



VDI 30 tool turret with 8 stations

- Smart central lubrication system for low-maintenance operation
- The main spindle is driven by a high-torque servo motor
- USB port for easy data transfers

SINUMERIK 808D ADVANCE - the perfect solution for modern standard machines

- In combination with a new generation of spindle and axis drives, the SINUMERIK 808D ADVANCE with 8.4" LCD provides an innovative ready-to-use digital CNC solution for modern standard machines
- This is topped by a guaranteed superior price/performance ratio
- CNC and drive communicate via a high-speed bus to ensure efficient positioning control plus high precision and optimum cutting performance

Standard Equipment

Siemens 808D Advanced TTL control, hydr. tailstock, 2 electronic hand-wheels, hydr. 3-jaw chuck Ø 8", 8-station turret, automatic central lubrication, work lamp, operating tools, operating manual and programming instructions

Specifications

Numturn 420 SI

Working Area		
Workpiece length (max.)	in	39
Turning diameter over bed	in	17
Turning-Ø over support	in	9
Travels		
Travel X-axis	in	8.7
Travel Z-axis	in	36
Headstock		
Spindle speed	rpm	60 - 3,000
Spindle mount		A2-6
Spindle bore	in	2
Spindle bore with draw tube	in	1.9
Rapid Feed		
Rapid feed X-axis	in/min	157.48
Rapid feed Z-axis	in/min	314.96
Tool Head		
Number of tool stations	positions	8
Accuracies		
Positioning accuracy X-axis	in	0.00024
Positioning accuracy Z-axis	in	0.00031
Repeatability X-axis	in	0.0002
Repeatability Z-axis	in	0.00031
Tailstock		
Tailstock taper	MT	4
Tailstock quill diameter	in	2
Tailstock quill stroke	in	4
Drive Capacity		
Motor rating main drive	Hp	10.1
Motor rating coolant pump	Hp	0.2
Motor rating X-axis	Hp	2
Motor rating Z-axis	Hp	2.01
Measures and Weights		
Overall dimensions (length x width x height)	in	113x63x69
Weight	lbs	6,050
Part No.		182189



1.89 inch spindle bore in draw tube



Option: KNUTH-FlexLoader 10 Loading System (Part. No. 100128)

Options

Part No.

• KNUTH-FlexLoader 10	100128
• Coolant Concentrate 5 Ltr.	103184
• Live Center MT 4	106755
• Power Worker Metal Cutter	123040