



- Programmable tailstock
- Fast rapid feeds
- Extensive standard equipment
- Large spindle bore

- Heavy machine frame with 45° inclined bed ensures high rigidity and easy chip removal
- Large linear guides on X and Z ensure maximum stability and accuracy
- High quality preloaded ball screws connect to powerful drives via a zero-loss transmission clutch
- The design with 2 additional linear guides ensures collision-free tailstock movements
- The enclosed work space is easily accessible through a large sliding door
- The 12-station tool turret ensures a large work area and quick and precise tool changes
- Optional tool changer with driven tools, and C axis for precise contour milling and drilling is available
- A powerful 20 HP headstock motor delivers high torque across the entire speed range
- Hydraulic 10 in 3-jaw chuck with through-hole
- Automatic central lubrication system ensures reliable lubrication of guideways
- Hinged belt conveyor and high-performance coolant system included in standard equipment
- The machine is ready for the connection of an optional rod feeder

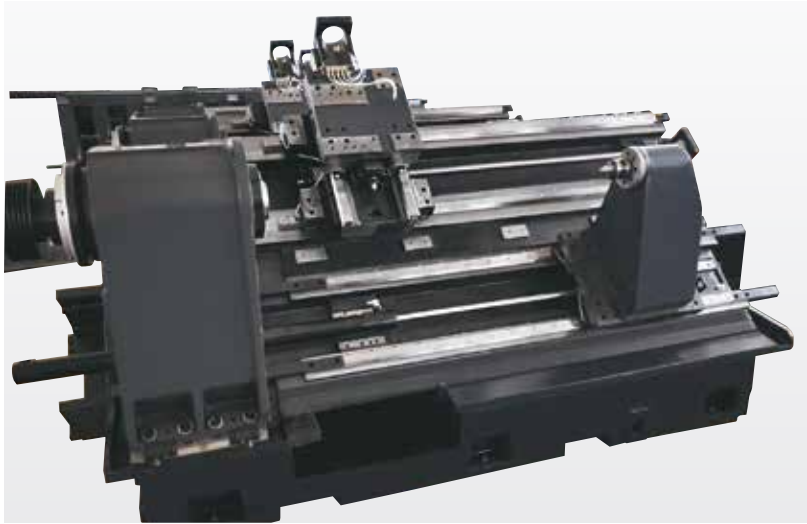
Proven record:

- Future-proof: the Siemens 828 D Basic control meets all requirements for advanced control technology
- Easy, dialog-guided user interface
- Complete bandwidth of technology cycles
- High performance and precision

Standard Equipment

Siemens 828D control, 12-station tool turret, electronic hand-wheel, hydr. 3-jaw chuck Ø 10", Rod loader interface, chain-type chip conveyor, programmable tailstock, coolant gun, compressed air gun, coolant system, automatic central lubrication, heat exchanger for control cabinet, work lamp, operational health status indicator, operator instructions

Price on request



Options	Part No.
• Oil/coolant separator for Starchip 560 / 560 L	253738
• Automatic operator door for Starchip 560 / 560 L	253739
• Air conditioner for control cabinet for Starchip 560 / 560 L	253740
• Tool turret with driven tools for Starchip 560 / 560 L	253741
• Main spindle with 3.15" through-hole (no draw tube) for Starchip 560/560L	253742

The programmable hydraulic tailstock can be positioned along the entire machining length

Specifications		Starchip 560	Starchip 560 L
Working Area			
Workpiece length (max.)	in	20	39
Maximum workpiece weight	lbs	440 - 1,100	440 - 1,100
Angle of slant bed	deg	45	45
Turning-Ø over bed (max.)	in	22	22
Turning-Ø over support	in	14	14
Travels			
Travel X-axis	in	7.9	7.9
Travel Z-axis	in	22	41
Headstock			
Spindle speed	rpm	4,500	4,500
Spindle mount		ISO A2-6	ISO A2-6
Lathe chuck diameter	in	10	10
Spindle bore	in	3	3
Spindle bore with draw tube	in	2	2
Rapid Feed			
Rapid feed X-axis	in/min	1,181.1	1,181.1
Rapid feed Z-axis	in/min	1,181.1	1,181.1
Tool Head			
Number of tool stations	positions	12	12
Tool shank dimensions	in	1x1	1x1
Diameter	in	1.6	1.6
Accuracies			
Positioning accuracy X-axis	in	± 0,008	± 0.0003
Positioning accuracy Z-axis	in	± 0,008	± 0.0003
Repeatability X-axis	in	± 0,004	± 0.00016
Repeatability Z-axis	in	± 0,004	± 0.00016
Tailstock			
Tailstock taper	MT	5	5
Tailstock quill stroke	in	18	35
Drive Capacity			
Motor rating main drive	Hp	20.1	20.1
Main drive, continuous load	Hp	14.75	14.75
Motor rating X-axis	Hp	2.4	2.4
Motor rating Z-axis	Hp	2.41	2.41
Measures and Weights			
Overall dimensions (length x width x height)	in	109x74x75	141x74x75
Weight	lbs	8,580	9,900
Part No.		182295	182296