



- 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 15 kW headstock motor delivers high torque across the entire speed range
- Hydraulic 250 mm 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

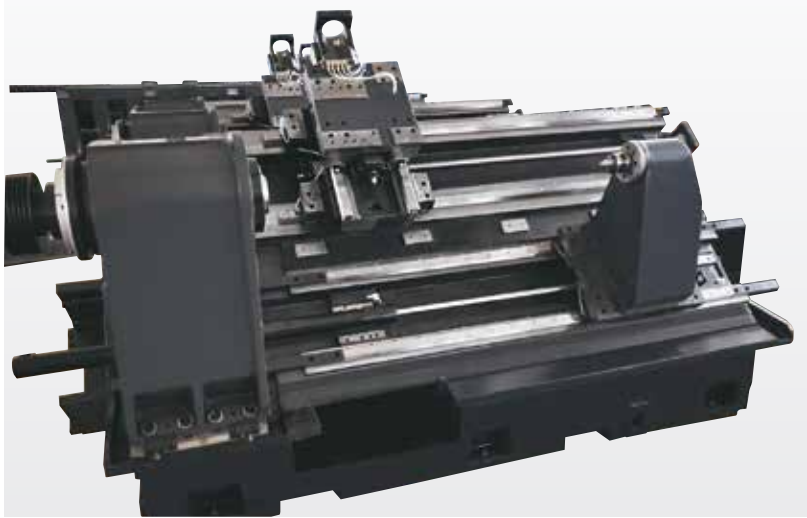
Proven record:

- 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 turret, electronic hand-wheel, hydr. 3-jaw chuck Ø 250 mm, auto bar feeder interface, chip conveyor chain type, programmable tailstock, coolant system flush gun, air gun, coolant system, automatic central lubrication, heat exchanger 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 80 mm 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.)	mm	500	1.000
Maximum workpiece weight	kg	200 - 500	200 - 500
Angle of slant bed	deg	45	45
Turning-Ø over bed (max.)	mm	560	560
Turning-Ø over support	mm	350	350
Travels			
Travel X-axis	mm	200	200
Travel Z-axis	mm	560	1.050
Headstock			
Spindle speed	1/min	4.500	4.500
Spindle mount		ISO A2-6	ISO A2-6
Lathe chuck diameter	mm	250	250
Spindle bore	mm	65	65
Spindle bore with draw tube	mm	50	50
Rapid feed			
Rapid feed X-axis	mm/min	30.000	30.000
Rapid feed Z-axis	mm/min	30.000	30.000
Tooling			
Number of tool stations	Pieces	12	12
Tool shank dimensions	mm	25x25	25x25
Diameter	mm	40	40
Accuracies			
Positioning accuracy X-axis	mm	± 0,008	± 0,008
Positioning accuracy Z-axis	mm	± 0,008	± 0,008
Repeatability X-axis	mm	± 0,004	± 0,004
Repeatability Z-axis	mm	± 0,004	± 0,004
Tailstock			
Tailstock taper	MT	5	5
Tailstock quill stroke	mm	450	900
Drive capacity			
Motor rating main drive	kW	15	15
Main drive, continuous load	kW	11	11
Motor rating X-axis	kW	1,8	1,8
Motor rating Z-axis	kW	1,8	1,8
Measures and weights			
Overall dimensions (length x width x height)	m	2,75x1,86x1,9	3,57x1,86x1,9
Weight	kg	3.900	4.500
Part No.		182295	182296