

ProTurn 9000S

CNC Turning Center

FEATURING SIEMENS CNC CONTROL



Machine Shown with optional mobile control stand. Standard machine includes arm-mounted control (shown below).

Over the past three decades, intelitek has established itself as the leader in affordable CNC machines, with over 13,000 CNC machines installed in industry and education across the world.

The ProTurn 9000S is a versatile PC-based turning center with Siemens CNC control that enables you to deliver robust instruction in computer numerical control and advanced manufacturing for your students.

The ProTurn 9000S requires no assembly, arriving at your facility ready to run on an ethernet port on a standard PC. The system uses AC drive motors on the spindle and both axes.

Like larger industrial machines, the ProTurn 9000S uses EIA, ISO, and Fanuc-compatible G&M code programs to cut parts in a variety of materials. With its exceptional ease-of-use, safety features and reliability along with the Siemens control, the ProTurn 9000S is the perfect training solution for advanced manufacturing programs desiring to teach with a real-world control.

Standard machine features



- Arm-mounted Siemens CNC control
- AC servo spindle motor
- AC axes motors
- Full enclosure with automatic safety door lock
- Automatic diagnostics and power cut off protection
- PC-based CNC software
- Coolant-ready
- Jog pendant-ready
- Robotic integration-ready with 6 inputs, 6 outputs
- No assembly required

Specifications

Swing over bed	9.87"	(250 mm)
Swing over cross slide	5.90"	(150 mm)
Max distance between centers	17.75"	(450 mm)
Bed width	5.33"	(135 mm)
Max travel: Z axis	12.63"	(320 mm)
Max travel: X axis	7.09"	(180 mm)
X axis motor	560 oz-in	4 N-m
Z axis motor	560 oz-in	4 N-m
Rapid feed rate	79 ipm	(2000 mm/min)
Feed Rate	20 ipm	(500 mm/min)
Automatic tool position	4	
Tool post angle	360 deg.	
Tailstock taper	MT2	
Tailstock travel	1.97"	(50 mm)
Position accuracy	0.0006"	(0.015 mm)
Position repeatability	0.0004"	(0.01 mm)
Spindle taper	MT3	
Spindle speed	100-3000 RPM	
Spindle motor power	1.34 hp,	1000 W
Machine size	57.5" x 30" x 57"	(1460x760x1450 mm)
Machine weight	970 lbs	(440 Kg)
Shipping size	64.25" x 42.13" x 66.38"	91630x1070x1686 mm)
Shipping weight	1170 lbs	(530 Kg)

Included accessories

- Tailstock
- 4" 3-jaw chuck with key
- 4-station automatic tool turret
- HSS cutter
- One shot lubrication system
- Internal work light

Optional accessories

- 4" (100mm) 4 jaw chuck (independent)
- 0.394" x 0.394" (10mm x 10mm) TiN coated cutter 7 piece set
- TiN coated replacement tip for 0.394" (10mm) cutters
- Jog pendant
- Coolant system
- 4" air chuck
- Pneumatic door opener
- Advanced turning package including:
 - Steady rest
 - Follow rest
 - Rolling center
- MT2 0.5" (13mm) tailstock Jacobs chuck
- Mobile control stand



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PROTURN 9000S CNC TURNING CENTER

OPTIONAL ACCESSORIES

Coolant system



Jog pendant - handwheel



4" (100mm) 4 jaw chuck (independent)



0.394" X 0.394" (10mm x 10mm) tin coated cutter 7 piece set



Tin coated replacement tip for 0.394" (10mm) cutters



Advanced turning package including:

- Steady rest
- Follow rest
- Rolling center



Computer and monitor frame



Tailstock accessories

MT2 0.5" (13mm) tailstock Jacobs chuck



Tailstock extender MT2 13 mm tailstock chuck



Pneumatic accessories

4" Air chuck

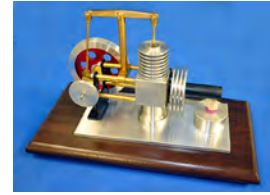


Pneumatic door opener



CNC projects

Stirling Engine Project kit:



- Materials for milling and turning
- Fully assembled



Cannon Project Kit:

- Materials for milling and turning
- Fully assembled

Affiliated with:



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