

ProMill 8000S CNC Machining Center

FEATURING SIEMENS CNC CONTROL



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

Specifications

Worktable size	21.6" x 63"	(550x160 mm)
Worktable T-slot size	0.47"	(12 mm)
No. of T-slots on table	3	
Max. worktable load	77 lbs	(35 Kg)
Max. travel – X axis	11"	(280 mm)
Max. travel – Y axis	6"	(152 mm)
Max. travel – Z axis	10.625"	(270 mm)
Axis motors	AC servo	
X axis	560 oz-in	4 N-m
Y axis	560 oz-in	4 N-m
Z axis	850 oz-in	6 N-m
Rapid feed rate	197 ipm	(5000 mm/min)
Feed rate	49"	(1250 mm/min)
Throat	9.13"	(232 mm)
Max. tool diameter	0.5"	(12.7 mm)
Position accuracy	0.0006"	(0.015 mm)
Repeatability	0.0004"	0.01mm
Spindle taper	ISO20	
Spindle speed	100 – 5000 RPM	
Spindle motor power	1.34 hp, 1000 w	
Machine size (LxWxH)	34.25" x 27.17" x 64"	870x690x1625 mm
Machine weight	463 lbs	(210 Kg)
Shipping size (LxWxH)	40.15" x 39.37" x 44.50"	1020x1000x1130 mm
Shipping weight	574 lbs	(260 Kg)

Included accessories

ISO20 tooling kit
One shot lubrication system
Internal work light

Optional accessories

4" (100mm) rotary worktable (4th axis) with tailstock
3 1/8" (80 mm) 3-jaw chuck for rotary table
4" (100mm) precision vice with hold-down kit
24 piece clamping kit
Machinists kit with ISO20 tooling
52-piece hold down set
Metric 2 flute HSS end mill set (3,4,5,6,8,10mm)
6mm engraving tool set
Jog pendant
4-station ATC
Pneumatic door opener
Dual-axis air vice
Precision air vice
Coolant system
Mobile control stand

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 ProMill 8000S is a versatile CNC machining center that enables you to deliver robust instruction in computer numerical control and advanced manufacturing for your students.

The ProMill 8000S 3-axis PC-based mill features Siemens CNC control, AC servo motors, and an optional 4th rotary axis. The mill requires no assembly, arriving at your facility ready to run on an ethernet port on a standard PC.

Like larger industrial machines, the ProMill 8000S 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 ProMill 8000S 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

Full enclosure with automatic safety door lock

Automatic diagnostics and power cut off protection

PC-based CNC software

Coolant-ready

Jog pendant-ready

4th-axis ready

Robotic integration-ready with 6 inputs, 6 outputs

No assembly required



intelitek  [®]
www.intelitek.com

PROMILL 8000S CNC MACHINING CENTER

OPTIONAL ACCESSORIES

- 4" (100mm) rotary worktable (4th axis) with tailstock



- 3 1/8" (80 mm) 3-jaw chuck for rotary table



- Coolant system



- Jog pendant - handwheel



- 4-Station ATC



Tooling and Fixturing

- 4" (100mm) precision vice with hold-down kit



- Engraving tool set (imperial or metric)



- HSS end mill set (imperial or metric)



- 4 ISO tool holder set



- Imperial: 1/8", 1/4", 2x3/8
- Metric 3, 6, 8, 10mm
- (also available individually)

- Machinist kit (imperial or metric), includes:



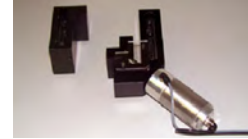
- 4" (100mm) precision vice with hold-down kit
- (6) ISO tool holders (1/8", 1/4", 1/2", 3x3/8")
- 52-piece hold down set
- (4) 4-flute end mills
- (3) ball end mills

Pneumatic Accessories

- Pneumatic shield opener



- Single axis air vice

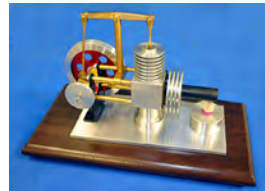


- Dual axis air vice



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:



All specifications subject to change without notice. All trademarks are property of their respective owners.

intelitek

444 East Industrial Park Dr. • Manchester, NH 03109
Phone: 800-221-2763 • info@intelitek.com

www.intelitek.com

35-DS01-800S Rev-B