



Official National Distributor

Laser Technology:

Building Classroom Engineers & Entrepreneurs



Laser Engraving, Cutting, and Marking Systems

A LaserPro Laser Engraver brings modern Industry
into the classroom and shows students the **connection between**
Engineering Skills and their Success in the real world.

FREE



with **ANY**
laser purchase!

CorelDraw The Latest Version!

The recommended
graphics software package
for use with GCC lasers.

LaserPro[®]

Family of Laser Engravers

**Safe • Reliable •
Affordable**

*With their ability to cut, etch or mark
almost any surface, LaserPro is also the
ultimate entrepreneurial springboard for
fundraising local manufacturer contract-
work & more!*

**Perfect for
Middle Schools &
Limited Space**



C180 II Desktop

Open Front Door Design

The top cover coupled with the front door open
design allows easy loading of working pieces.

***DC Servo Motors
In All Models for
precision engraving!**

C180 II Specifications:

Table Size	20.5 x 14.8 in. (520 x 375 mm)
Work Area	18 x 12 in. (457 x 305 mm)
Speed Control	Adjustable from 0.1~100% of 40 ips (Up to 16 color-linked speed settings per job)
Power Control	Adjustable from 0~100% (Up to 16 color-linked power settings per job)
Z-Axis Movement	Automatic
Resolution (DPI)	Available 125, 250, 300, 380, 500, 600, 760, 1000
Computer Interface	Standard parallel printer port and USB 2.0 port (File transmission at USB 2.0 Full Speed rate)
Safety	Class 2 for red pointer
Electrical	100~240 Volt AC Auto Switching
Available Wattages	12W, 40W
Power Consumption	700W- 2640W



Technology Education Concepts | 800-338-2238 | National Academic Distributor

According to a recent *Young Entrepreneur Foundation* survey sponsored by *Visa USA*, **90% of teachers and guidance counselors** say their students are interested in becoming entrepreneurs; however, **75% of them say their students have no idea where to start.**

Spirit LS

The **MOST** popular model Nationwide!



Pass Through Front and Rear Doors for long working pieces!!!

Storage and Solid Steel Cabinetry



- Covered X-axis linear rail with Kevlar Belt
- Increased Productivity
- Safety Key Switch

Spirit LS Specifications:

Table Size	31.1 x 20.9 in (790 x 531 mm)
Work Area	29 x 18 in. (740 x 457 mm)
Speed Control	Adjustable from 0.1-100% of 60 IPS (Up to 16 color-linked speed settings per job)
Power Control	Adjustable from 0-100% (Up to 16 colors linked power setting per job)
Z-Axis Movement	Automatic
Resolution (DPI)	Avail 125, 250, 300, 380, 500, 600, 760, 1000, 1500
Computer Interf.	Standard print port and USB 2 port
Safety	Class 2 for red pointer
Electrical	Below 30W, 100-240V AC Auto Switching 40W and above, 200-240V AC Auto Switching
Available Wattages	12W, 25W, 30W, 40W, 60W, 80W
Power Consumption	700 W - 4400 W

What Teachers are Saying:

"In ten years of teaching I have never had anything close to the laser when it comes to student engagement and accelerated learning."

Patrick Dennis, Roosevelt Middle School, OK

LaserPro®

Mercury III

Pass Through Front
and Rear Doors for
long working pieces!!



The Economic
"Work Horse!"

Mercury III Specifications:

Table Size	31.1 x 20.9 in. (790 x 530 mm)
Work Area	25 x 18 in. (635 x 458 mm)
Laser Source	12, 25 or 40 Watt Sealed CO2 Laser
Drive	Closed-loop DC Servo control
Throughput*	166.3 SIPH
Speed Control	Adjustable from 0.1-100% (Up to 16 color-linked speed settings per job)
Power Control	Adjustable from 0~100% (Up to 16 color-linked power settings per job)
Z-Axis Movement	Automatic
Resolution (DPI)	Available 125, 200, 300, 380, 500, 600, 760, 1000
Computer Interface	Standard parallel printer port and USB port
Safety	Class IIIR for red pointer
Electrical	Below 40W, 100~240 Volt AC Auto Switching; for 40W and above, 200~240 Volt AC Auto Switching
Available Wattages	12W, 25W, 40W
Power Consumption	700W, 880W, 2000W (with respect to wattages)

Spirit GLS

Storage and
Solid Steel Cabinetry



Spirit GLS Specifications:

Table Size	40.3 x 27.7 in. (1025 x 705 mm)
Work Area	38 x 24 in. (860 x 610 mm)
Laser Source	30 to 100 Watt Sealed CO2 Laser
Drive	Closed-loop DC Servo control
Throughput*	322.1 SIPH
Speed Control	Adjustable from 0.1-100% of 80 IPS (Up to 16 color-linked speed settings per job)
Power Control	Adjustable from 1~100% (UP to 16 colors linked power setting per job)
Z-Axis Movement	Automatic
Resolution (DPI)	Available 125, 250, 300, 380, 500, 600, 760, 1000
Computer Interface	Standard parallel printer port and USB port
Safety	Class IIIR for red pointer
Electrical	100~240 Volt AC Auto Switching for 30W and below; 200~240 Volt AC Auto Switching for 40W and above models
Available Wattages	30W, 40W, 60W, 80W, 100W
Power Consumption	2000W-4400W

Extra
42%

Extra Large Working Area!
Extendable to 38" x 24"! The spacious Spirit GLS platform allows for jobs that require a large work area (The GLS is 42% larger than the Spirit's work area).



Teachers all across the country have already used the LaserPro to:

1. Give Students real-world, hands-on Manufacturing Experience.
2. Teach business entrepreneurship.
3. Integrate **every school extracurricular program** in the process:
 - creating class signage • engraving Prom glasses • producing sports awards
 - security-inscriptions on laptops • Booster Club sale-products
 - making contract 3D models for local manufacturers • **and Much More!**

FREE
CorelDraw™
with ANY laser purchase!
Recommended
Graphics software for use
with GCC lasers.

Exclusive Features you will find in the LaserPro Spirit & Spirit GX:



SmartPIN Auto Focus

The plug-and-play probe design makes focusing a one-touch process and provides the accuracy and precision required for optimum quality in the lasing process.



Emergency Stop

Big red button located on the top of the machine allows operators to stop the laser and the motion carriage immediately.



Pass-through Front & Rear Doors

A design with doors on both ends to accommodate extremely long working pieces.



SmartLID™

Exclusive design allows easy access to daily maintenance.

Features you will find in EVERY LaserPro Laser Engraver:



Simple and Intuitive Control Panel

A user-friendly menu-driven interface system simplifies operation.



Truelmage™

Patented Truelmage feature presents image engravings in its most vivid form.



Internal LED Lighting

Illuminates the working space giving a clear view of the work in progress.



Drag & Engrave

Simply hand drag the pen carriage to the desired position to be engraved and press the start button to commence job.

You will find high-precision
DC Servo Motors in ALL models of the
LaserPro Laser Engraver for precision
engraving every time.

Essential Options for the Classroom

Your Representative will customize a package for you that includes everything you will need to get the very most out of your LaserPro Laser Engraver.

✓ Terrific Additions!



SMARTGUARD™ Fire Alarm

During the engraving process, flames may be produced when working with combustible or easily-flammable materials, such as paper or wood. The SmartGUARD is an optional item that can be set to notify the operator through audio warnings and automatically shutdown the machine as a safety precaution.



Rotary Attachment

Increase Opportunities by 100%

Allows for engraving round and cylindrical objects. Your students can engrave glasses for the next prom!



LaserPro Spirit Rotary Attachment	560-0101	\$995*
LaserPro C180 Rotary Attachment	560-0113	\$995*
LaserPro Spirit-GLS Rotary Attach.	560-0116	\$995*

* Note: Prices and availability subject to change without notice. Although we try our very best to always ensure accuracy, TEC cannot be responsible for typographical or photo error within our collateral or on our website.

✓ Highly Recommended!



Honeycomb Table

Allows for cutting 100% through materials like foamcore, acrylic and cardboard.

Spirit Honeycomb Table	560-0010	\$480*
Mercury Honeycomb Table	560-0150	\$480*
C180 Honeycomb Table	560-0112	\$360*
Spirit-GLS Honeycomb Table	560-0118	\$680*

The Best Software to compliment your LaserPro:

For PC Users:

FREE with a laser purchase

CorelDRAW Latest Version!

THE recommended graphics software package for use with GCC lasers.



Student Seats - Call for pricing

Ready-To-Engrave Images at your Students fingertips!



Vector Art Collections allow you to start and GO!

5000+ Images in each collection!

\$279.95* each

\$675* for ALL THREE!

✓ Saves Time!

✓ Inspires Ideas!

Vector Art Mega Collection I, II and III:

Save valuable classroom time with thousands of ready-to-engrave images right at your fingertips! Unlike other "clipart" bundles, Vector Art® is created by some of the best sign and vehicle graphic artists in the world. **And**, a perfect launch to Student's own creations!



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Essentials



Air Filtrations Systems from BOFA

These state of the art air filtration and purification systems allow you to use your laser *in any room and any environment* without the hassle of connecting outside duct work to remove smoke and fumes.

Please call for Pricing.



TEC Air Assist Compressor

Targets a constant stream of compressed air directly across the laser cutting surface, ensuring quality engraving or cutting and reducing the possibility of flaming, scorching and charring when cutting materials such as wood, acrylic and rubber.

Catalog #: 560-0400 \$600*



Carrying Case Included

NLC Laser Shield Safety Goggle

560-0250 \$69*

What Teachers are Saying:

"In ten years of teaching I have never had anything close to the laser when it comes to student engagement and accelerated learning. The students have mass-produced some terrific items."

Patrick Dennis
Roosevelt Middle School
Oklahoma City, OK

"We are making a good deal of money...(we engrave teacher and school-of-the-month awards) on wood with very little out of pocket expense. Key chains are popular among students; especially leather."

Bobby Skeeters,
Van High School, TX

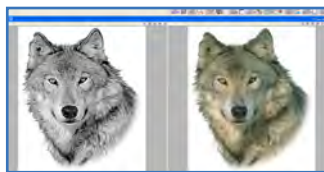
NEW! Laser Starter Kit!

Includes Over 600 Items!



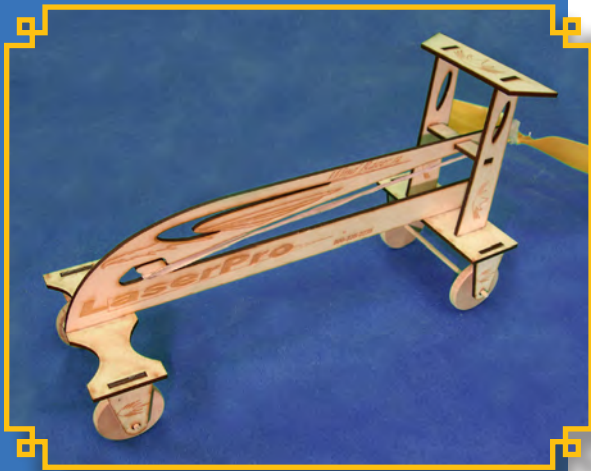
Only \$595!

PhotoGraV



A "must have" for engraving photos. PhotoGraV has powerful tools for processing photos for laser engraving on a variety of common materials.

560-0414 \$395



Laser Technology:

Building Engineers & Entrepreneurs

LaserPro®

Family of Laser Engravers

- **Safe** • **Reliable**
- **Affordable**

C180-II Desktop



Spirit GLS



Spirit LS



Mercury III



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