

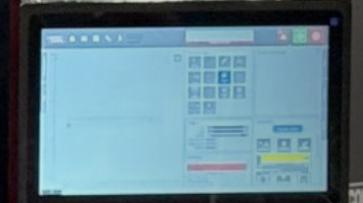
LINCOLN
ELECTRIC

LINC-CUT 1530S

12kW

LINCOLN
ELECTRIC

LINCO
ELEC



LINC-CUT 1530S

YOUR NEXT BIG UPGRADE

FIBER LASER CNC CUTTING SYSTEM

6kW & 12kW options available

WHAT IS THE CHALLENGE?

It's not only expensive to hand-cut or outsource hundreds of parts, but relying on inferior processes or third party vendors to deliver high quality parts in a timely manner, is inefficient and time consuming.

Steel fabricators are facing several challenges globally, including fluctuating steel prices due to trade tensions and changes in demand, labor shortages, stricter environmental regulations, competition from alternative materials, and the need to invest in new equipment and training to keep up with technological advancements.



TIME/COST
INTENSIVE



LABOR
SHORTAGES



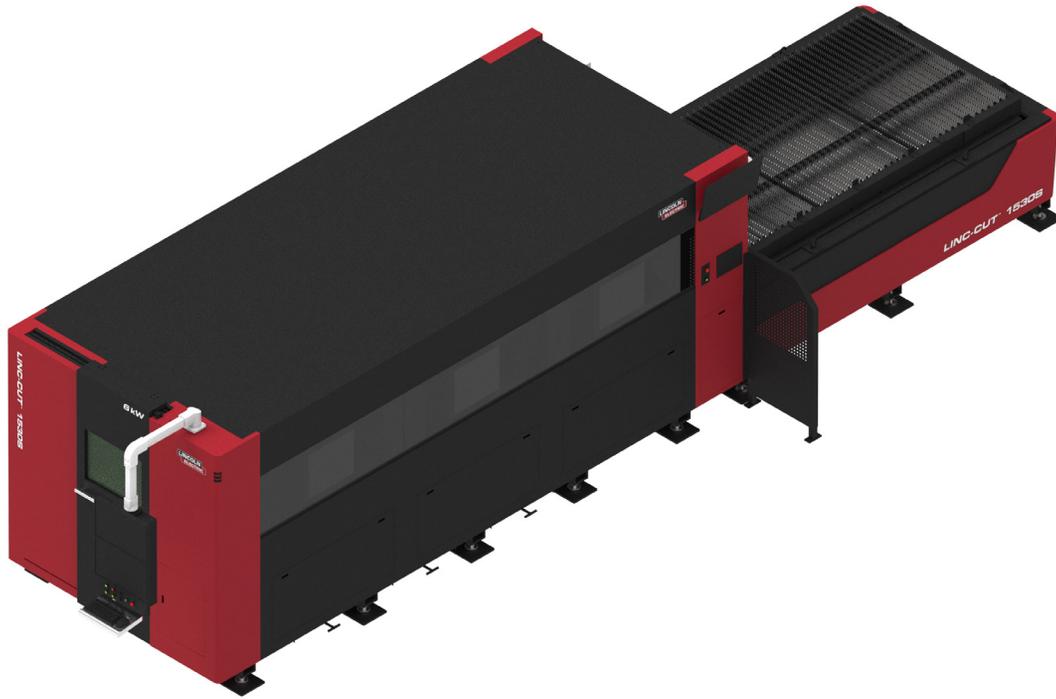
QUALITY
CONTROL



HEALTH AND
SAFETY RISKS

BEFORE: Outsourcing parts or cutting by hand can be time-consuming and cost-intensive.

THE LINC-CUT SOLUTION



The LINC-CUT™ CNC fiber laser cutting system was developed to offer exceptional cut quality while maintaining high repeatability for production metal sheet fabrication needs.

They say: Quality over Quantity. We asked: Why not both? With motion speeds up to 3,937 inches per minute (100m/min) and laser output **up to 12 kilowatt**, the Linc-Cut 1530s system can production cut up to **1.5 inch carbon steel** quickly, easily and with no compromise to quality.



SAVE
VALUABLE TIME



MAKE IT
A ONE-PERSON-JOB



REDUCE
INCONSISTENCIES



IMPROVE
SAFETY STANDARDS

AFTER: Meet quality expectations on every part, reduce lead times and save costs. Small machine footprint with unitized side-load drawer system

LINC-CUT™

FIBER LASER CNC CUTTING

When it comes to Thermal Cutting tools, Fiber Laser has overtaken older, more complex CO2 laser cutting systems for the Sheet Metal industry. The Linc-Cut 1530s system offers a superior cut quality to air and HD plasma cutting in Mild Steel, Stainless Steel, and Aluminum sheet cutting. Cut speeds greatly exceed plasma cutting in gauge materials and produce cuts with little to no secondary processing. With a reduced floor space requirement versus other common standard shuttle exchange tables, and an emphasis on ease of setup and operation, you too can be quickly installed and in operation. It's the affordable, game-changing solution you need to level up your cutting and your business.



CONTROL
CUT QUALITY



EASY PART
FILE IMPORT



MATERIAL
OPTIMIZATION



OPERATOR
TRAINING SYSTEM



REDUCE ERRORS



INTUITIVE OPERATION



ECONOMIC
INVESTMENT



ONLY ONE
OPERATOR NEEDED



INCREASED PRODUCTION
CAPABILITIES



AUTOMATED
CUTTING



INTELLIGENT
SOFTWARE



UPGRADEABLE
SOFTWARE



COMPACT SHUTTLE BED

CAN I HAVE A LOOK AT THE LINC-CUT CNC LASER CUTTING SYSTEM IN LIVE ACTION? **YES**

See for yourself on-site! Get in touch with our sales team to schedule a live demo near you. Alternatively, watch the system overview here: [Linc-Cut Overview Video](#)



130+ YEARS OF EXPERIENCE & INNOVATING
WITHIN THE INDUSTRY

LINC-CUT™

ENGINEERED FOR **EVERYONE.**

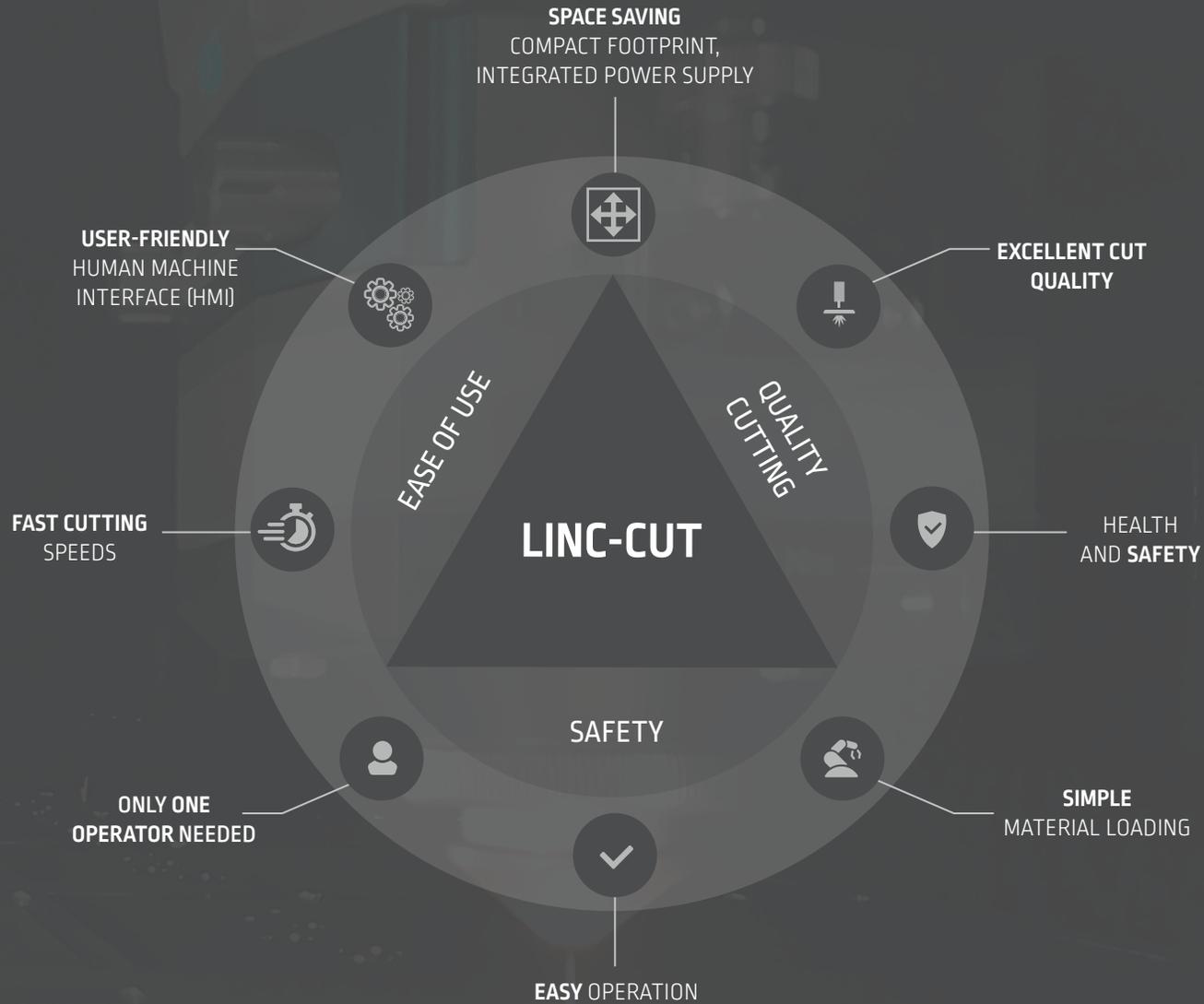
The LINC-CUT 1530s systems offer high quality and consistent cuts for all sizes of companies. These fiber laser CNC cutting systems are capable of 1.5G acceleration for faster processing time and more throughput.



LINCOLN
ELECTRIC

AUTOMATION
SOLUTIONS

LINC-CUT VALUES.



INTELLIGENT SOFTWARE



POWERFUL CONTROLS | ROBUST DESIGN

eCUT HMI and cncCUT software combine to give your operator full control of material handling, job processing, reporting & machine maintenance.

Organize jobs and optimize resources using a detailed operation display.



DIRECT IMPORT OF FILES

Access DXF files. *Industry common DXF file importing*

1

FEATURE RICH ABILITIES

Precise & fast. Software that enables operators to add holes & hole patterns, nest parts, fly cutting, add shapes and laser pierce and kerf optimization.

2

CONTINUOUS EVOLUTIUON

Stay up-to-date with software upgrades that give you access to the latest technology and innovation.

3

OPERATOR TRAINING

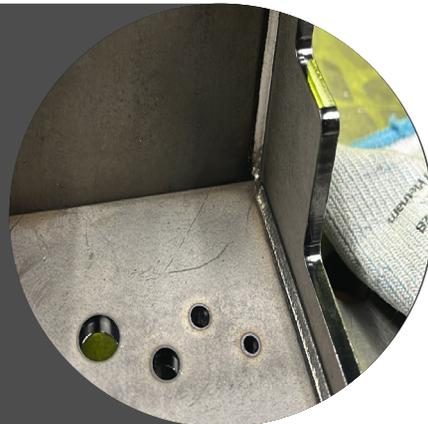
24/7 access to our on-line training platform - hours of training, large video library - unlimited tools and resources for your operators.

LASER PIERCE & KERF OPTIMIZATION

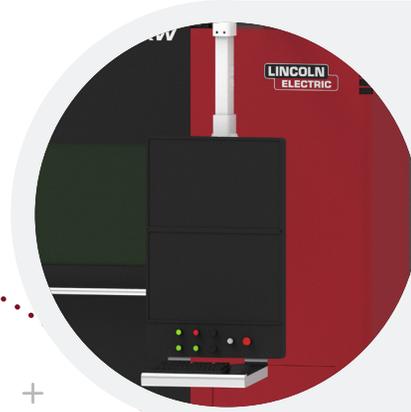
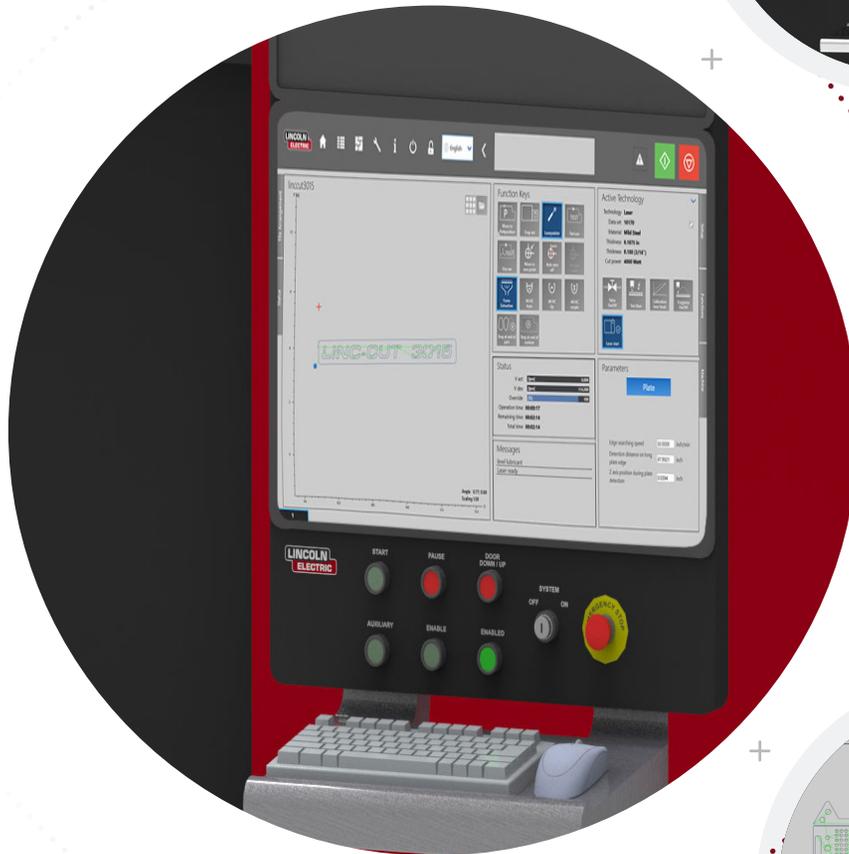
LEAD-INS

KERF COMPENSATION

TABBING OF SMALL PARTS



eCUT DUAL SCREEN HMI



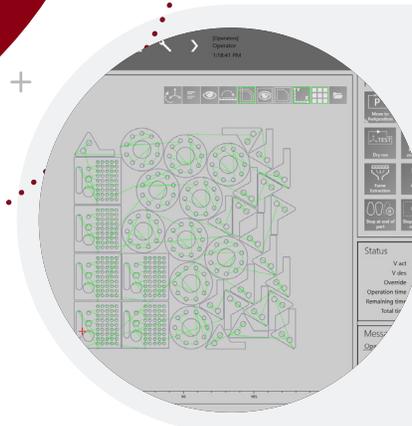
INTEGRATED CAM PACKAGE

This motion controller allows the operator to design and nest parts on the fly at the machine, either replacing an external CAM solution or by providing additional value to the system.



MACHINE CONTROL

Organize jobs and optimize resources using a detailed operation display.



PART OPTIMIZATION

Material optimization through nesting means less scrap material, saving your business time & money.

KEY FEATURES



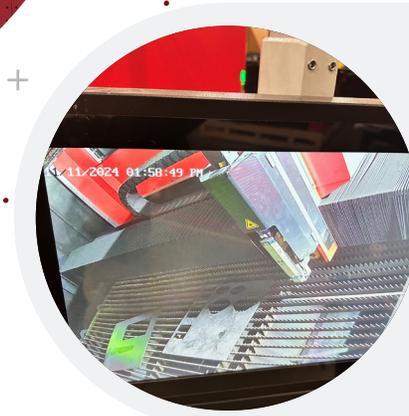
COMPACT SHUTTLE BED

With a capacity for 5'x10' sheets, the shuttle bed supports up to 1.5" thick carbon steel and allows for easier loading overhead and via forklift than drawer systems.



DUST COLLECTOR

The Prism[®] 2 fume extraction solution helps deliver less noise, lower costs, maximum results and helps improve workplace safety.



EQUIPPED CAMERAS

4-camera system increases safety and gives the operator extended visibility to view and monitor the cutting process from the operator station.

PRISM 2 AIR FILTRATION SYSTEM

The Prism[®] 2 welding and cutting fume extraction system from Lincoln Electric uses intelligent fan control technology, maximizes fume extraction, conserves energy and extends equipment life.

QUIET OPERATION

Silencer and sound deadening materials drastically reduce airflow noise. Equipped with a variable speed drive that adjusts extraction airflow to application.

ADDED SAFETY

Integrated spark arrestor and optional Prism Thermal Suppression System.

COMPACT SIZE

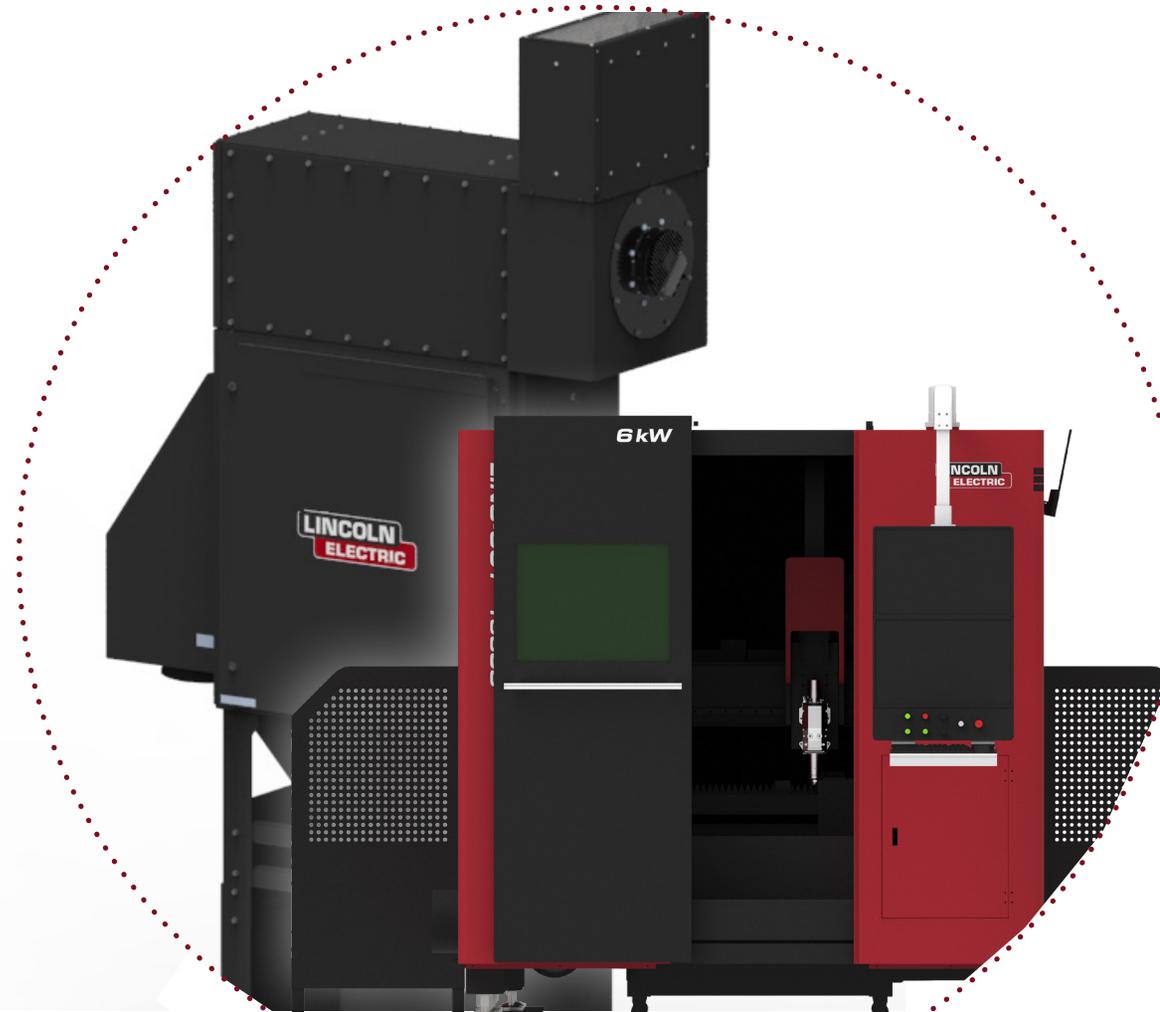
Can be placed directly next to a cutting table or robotic cell, reduced height for areas with space constraints.

SIMPLE MAINTENANCE

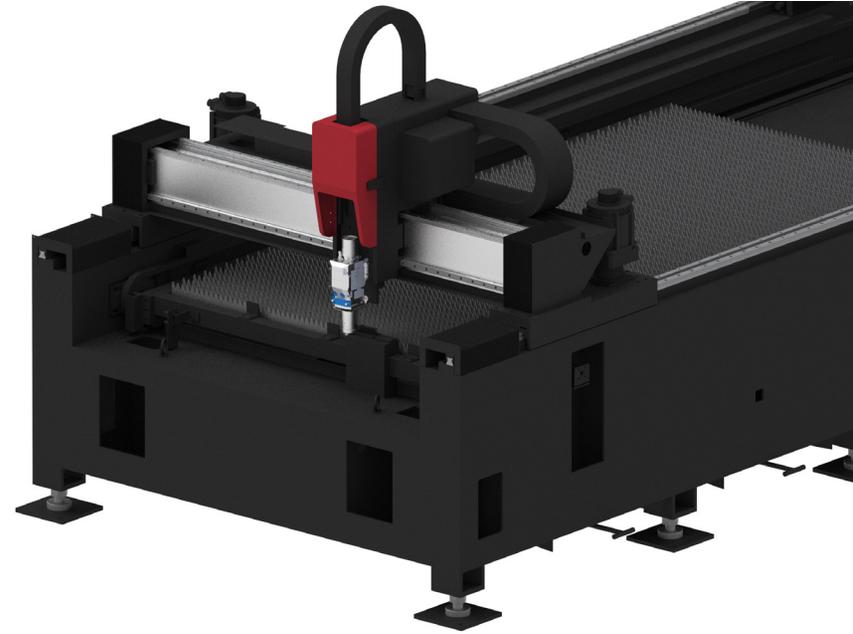
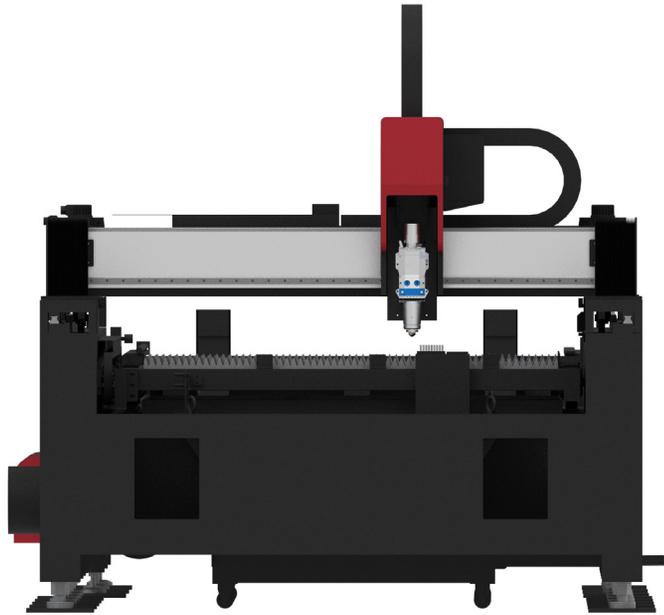
Automatic cleaning process once pre-set pressure differential is reached. Particulate is collected into the 20-gallon dust bin.

EASY INSTALLATION

Crane-less assembly for quick and seamless wire connectivity to the system. Connect power, compressed air, and duct sensor for fan speed control.



BUILT TO BE EXCELLENT



ACCELERATED CUTTING APPROACH

The heavy-duty machine frame and reinforced fabricated aluminum extrusion gantry allows for higher performance single cutting height with mechanical lift shuttle beds are optimized for higher performance (speed, acceleration rates) than an over/under shuttle bed.



DESIGNED FOR DURABILITY

Heavy-duty 35mm linear rails and helical gear rack are force lubricated in order to provide a long service life.



BUILT TO LAST

All motion components are contained under bellows to protect them from the dust and debris of the cutting process.



OPERATOR-CENTRIC FEATURES

Safe operation of shuttle beds with remote control, laser light curtains, and camera visibility and safety interlocked doors

DESIGN WITH SAFETY IN MIND

1. Light-Safe panel junctions, light curtains around the shuttle bed, sheet metal junctions and safety interlocked doors
2. Properly rated process-viewing windows rated for ANSI Z136 & EN207 standards of optical laser emission human protection
3. Safety rated door switches, PLD safety performance, hard stops and system is securable to the floor
4. 4 camera system for increased safety and extended visibility from the operator station

LINC-CUT SERVICE & SUPPORT.

With every purchased Linc-Cut machine, you get the peace of mind that our expert technicians are available to support your operations.



WE PROVIDE FULL SUPPORT IN **NORTH AMERICA**

- ✓ Monday-Friday phone support
- ✓ Fully trained field service engineers
- ✓ Fast spare parts fulfillment
- ✓ Online courses and trainings

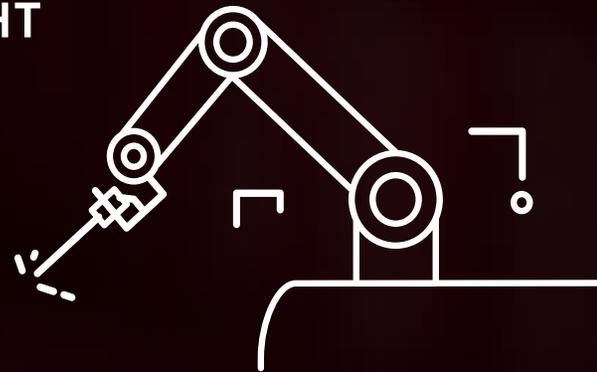
JOIN THE INNOVATIVE WORLD OF LINCOLN ELECTRIC AUTOMATION!

Custom state-of-the-art tailored solutions set us apart from the rest.

WE COLLABORATE WITH OUR
CUSTOMERS TO DEFINE **THE RIGHT
SYSTEM FOR THEIR NEEDS.**

We pay attention to:

- ✓ Given surroundings and onsite conditions
- ✓ Your future expansion plans
- ✓ Process implementation



TAKE CNC CUTTING TO THE NEXT LEVEL.



AUTOMATION

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The Lincoln Electric Company
22801 Saint Claire Avenue
Cleveland OH 44117-1199 USA

