

Lincoln Electric **LINC-CUT™ 1530S**

CNC LASER CUTTING SYSTEM



Pre-production renders shown, actual product may differ

LINC-CUT 1530S CNC LASER CUTTING SYSTEM

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 systems, 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!

SYSTEM INCLUDES

- Available with a 6kW or 12kW Fiber Laser
- Dual shuttle beds
- Precitec Procutter 2.0 Cutting Head
- Dual 22" panel Human Machine Interface
- 3 Internal cameras & 1 external camera
- Class 1 CDRH Enclosure
- Eckelmann Control System
- *Optional* remote pendant
- *Optional* consumable package

INDUSTRIES

- Steel Fabricating & Metal Service
- Training & Educational Programs
- Structural Steel
- High-Mix Job Industries
- Repair & Remanufacturing
- Roof & Bridge Trusses
- Agricultural Equipment Manufacturing

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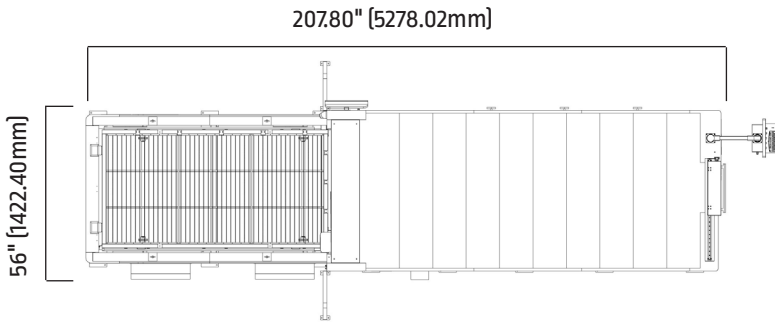
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KEY FEATURE COMPACT SHUTTLE BED

Operating Made Simple

A Class 1 CDRH compliant primary enclosure containing a 5'x10' zoned downdraft cutting table. A secondary bed external of the primary enclosure and machine frame, that allows for one of two "shuttle" material support beds to be external of the primary enclosure and accessible for loading/unloading operations while the primary enclosure is cutting. Each shuttle bed's rated capacity is 3,088 lbs, which is equivalent to a 1.5" 5'x10' sheet of A36 carbon steel.



SYSTEM DETAILS

DESIGNED WITH SAFETY IN MIND

This fiber laser cutting cell offers you the highest cut quality for your sheet metal fabrication needs, safely and cost effectively. The fully enclosed cell is emission Light Safe from the infrared light of the laser cutting process, and captures the particulate matter with an optional, smaller and more effective Lincoln Electric® Prism fume extraction system. Lincoln Electric has your safety in mind with over a decade of Industrial Laser welding and cutting experience to ensure that any machine operator or bystander is protected, intrinsically.

DESIGNED TO MAXIMIZE UP-TIME

The operator can shuttle "swap" beds between an external load and/or unload position and internal active cut position. Easier material loading overhead and via forklift than drawer systems. The performance "lift" bed means less tool stickout, allowing for faster positioning and acceleration than an "over/under" shuttle table.

OPTIONS AVAILABLE

- Prism 2 Compact Fume Extractor
- MERV 16 NANO filters (KP4519-2)
- Online LINC-CUT Academy
- LINC-CUT Onsite Training- 2-day commissioning and training session with one of our laser subject matter experts



PRODUCT SPECIFICATIONS

Product Number	Model	Dimensions L x W x H in (mm)	Shipping Weight lb (kg)	Cut Area	Material Weight Capacity
LECS-006-1530-A2	LINC-CUT 1530S 6kW; SHUTTLE; 2D	17' 4" L x 9'7" W x 7'7" H (5288mm L x 2987mm W x 2320mm H)	24,200 lbs (10,977kg)	60.625" x 122" (1540mm x 3073mm)	3,088 lbs (62 lbs per Sq. Ft) (1,403 kg) [311 kg per Sq. M] each bed
LECS-012-1530-A2	LINC-CUT 1530S; 12kW; SHUTTLE; 2D	17' 4" L x 9'7" W x 7'7" H (5288mm L x 2987mm W x 2320mm H)	24,200 lbs (10,977kg)	60.625" x 122" (1540mm x 3073mm)	3,088 lbs (62 lbs per Sq. Ft) (1,403 kg) [311 kg per Sq. M] each bed

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, cutting equipment and EV charging systems. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation or application. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

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