



PROSTAR™ LANCER™ Series Cutting Systems

LANCER III High-Definition Capable Platform



PROSTAR™ LANCER™ III PRS510 Cutting System

Expanded Capability

PROSTAR™ LANCER™ III series CNC plasma cutting systems are an affordable high-definition capable solution for the steel processing needs of fabricators and job shops requiring higher quality parts than can be produced with widely available air plasma cutting systems. Expanded material processing platform size coupled with flexibility in fume mitigation offerings makes the LANCER™ III the sensible choice to achieve a stringent processing result on a budget.

With effective cut dimensions of 5' x 10', 5' x 20', 6' x 12', and 8' x 20' LANCER™ III CNC cutting systems provide the ability to efficiently process carbon steel, stainless steel plate and more. These machines feature support for select HYPER THERM® and Kjellberg® plasma systems coupled with FLASHCUT™ CNC controllers for fast cutting speeds, optimal nesting, exceptional cut quality and ease of use.

The LANCER™ III cutting systems require minimal setup and feature unitized frames that are forklift accessible, making them easy to deploy or move as facility needs evolve.

Applications

- Manufacturing
- Job Shops
- Prototyping

Features

54 in. x 102 in. / 66 in. x 126 in. / 78 in. x 150 in. cut area

Zoned downdraft or manual adjustable level water table

Unitized frame

Available select HYPER THERM® or Kjellberg® plasma systems with Oxy-Fuel option

Pierce cutting capacity

FLASHCUT™ CNC controller

Benefits

Process carbon and stainless steel plate up to 8 ft. x 20 ft.

Flexibility in choice of fume mitigation options

Easy to deploy and relocate to meet evolving needs

Exceptional cut quality – reduce time spent grinding. Bolt accurate holes with High Def (defined parameters)

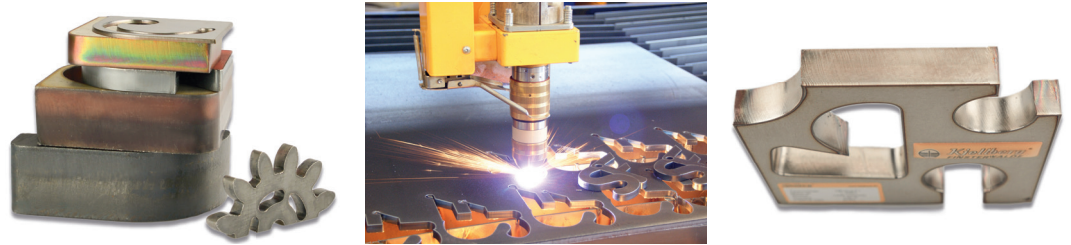
Plasma up to 2 in. (Oxy-fuel up to 3 in.)

Easy setup, operation and nesting (CAD/CAM capable)

Machine Specifications

| | PRS510 | PRS520 | PRS612 | PRS820 |
|-------------------------------|--------------------------------|---------------|---------------|---------------|
| Traversing speed | Up to 700 IPM (servo driven) | | | |
| Cutting speed | Up to 325 IPM (Oxy-fuel 3 IPM) | | | |
| Pierce cutting capacity (in.) | 2 | | | |
| Cutting area width (in.) | 60 | 60 | 72 | 96 |
| Cutting area length (in.) | 120 | 240 | 144 | 240 |
| Dimensions (in.) | 119 W x 194 L | 119 W x 314 L | 131 W x 218 L | 155 W x 314 L |
| Machine power requirement* | 220 (1ph) 20 amp | | | |

*Plasma cutting power source separate.



Available Plasma Cutting Systems

Linde’s PROSTAR™ LANCER™ III series CNC cutting systems can be configured with a number of HYPERTHERM® plasma power sources, as well as Kjellberg® Smart Focus High-Definition plasma cutting systems.

Available options include:

- HYPERTHERM POWERMAX® Series (45, 65, 85, 105, & 125)
- HYPERTHERM MAXPRO 200®
- Kjellberg Smart focus Series (200, 300, 400)

Hypertherm



Kjellberg CUTTING



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