

THE NEW LIONALPHA METAL...

Modularly designed for optimal fit

according to your wishes!



STRONG BONES

Frame made of robust welded steel beams.

All-round LED lighting for status display.

Laser cutting through sheet and pre-formed products!

User-friendly software on touchscreen or stand-alone computer.

DXF direct cutting, drawing and adjusting.

BIG MOUTH

Large automatic door, equipped with window with laser safety glass.

Sturdy on adjustable legs with smart design, for easy transport with pallet truck.

There is also a version for laser welding!

...IS AS STRONG AS A LION!

FEEL FREE TO CALL OR EMAIL US FOR A TEST ROUND.
We are proud to share our new design.

✉ info@lionlasers.nl

☎ 076 581 01 01

LION LASERS
DUTCH LASER SYSTEMS

CUTTING ON ANOTHER LEVEL

The LionAlpha Metal is a universally applicable cutting machine suitable for cutting most industrial metal types.

The follow-focus cutting head continues to follow the exact height of the product, resulting in an optimal cutting result.

The height axes level themselves when zeroing and can be aligned electronically. For the movements we use the Alpha Festo axes with ball screws and Yaskawa AC servo motors.

The automatic sliding door with safety glass provides a good view of the process.



| | |
|------------------------|----------------------------------------------------------------------------------|
| HOUSING | 1650 x 1700 x 2100 mm (wxdxh) |
| FIELD OF WORK | 950 x 750 mm |
| LASER HEAD | Follow focus cutting head with coaxial gas flow / interchangeable nozzles |
| GAS ASSIST | Up to 15 bar automatic choice of cutting with air or gas |
| WAVELENGTH | 1080 nm |
| PULSE LENGTH | PWM modulating |
| PULSE POWER | 1 kW |
| PULSE FREQUENCY | Modulation up to 100 kHz |
| LASER SOURCE | 500W, 800W or 1 kW fiber laser |

TOP TECHNOLOGY WITH A COOL APPEARANCE



Check out the new
the LionAlpha Metal
in action!



In this video you can see the system in action!
Various applications are filmed, giving you a
better impression of what the system has to
offer.

Rock solid and reliable, hence up to 5 years warranty!

**Lion Laser Systems BV designs and builds the laser
systems entirely in-house in Breda, the Netherlands.**