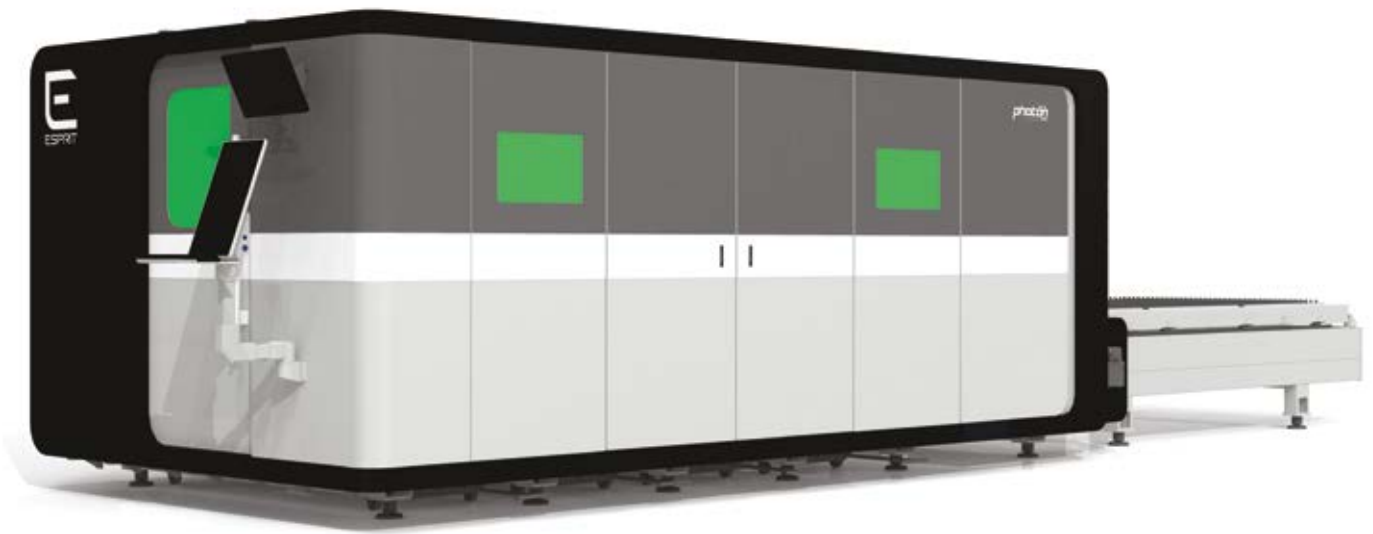


# ESPRIT *photon* ONE

## Mk2



### FEATURES:

- Acceleration 1.5G with a vector speed of 140m/min
- Raycus CE Laser – Please see below for options
- S & A Chiller
- Yaskawa Motors & Drives
- Beckhoff Advanced CNC - LiveControl, LiveGuard, LiveNest
- Precitec Cutting Head
- Pull out dross bins
- Donaldson Filtration Unit
- Esprit Procut Professional CAD CAM Software
- Dual Pallet Table
- Standard & tall Light Guards depending on space available.
- Available in 3m x 1.5m, 4m x 2m and 6m x 2m



### Max cutting thickness (Production / Maximum in mm) vs power (kW)

| Raycus CE Fibre Laser Source | Mild Steel | Stainless Steel | Aluminium  | Copper/Brass |
|------------------------------|------------|-----------------|------------|--------------|
| 2 kW                         | 12 / 15 mm | 6 / 8 mm        | 4 / 6 mm   | 3 / 4 mm     |
| 6 kW                         | 20 / 25 mm | 18 / 20 mm      | 12 / 15 mm | 6 / 8 mm     |
| 12 kW                        | 25 / 30 mm | 25 / 30 mm      | 20 / 25 mm | 8 / 12 mm    |
| 20 kW                        | 40 / 50 mm | 40 / 50 mm      | 20 / 30 mm | 8 / 12 mm    |

## LIVE▶NEST

See any nest visually projected on your plate before cutting to verify optimal nesting thanks to Esprit's LiveNest®. The system can recognise the plate and auto position any nest with a single touch.

## LIVE▶CONTROL

Tired of running back to the CAD/CAM office to get a single item recut? With LiveControl® an operator can cut any single item from an historic job directly to the CNC, even on a piece of scrap.

## LIVE▶GUARD

Avoid collision, even at 1.5G acceleration, thanks to LiveGuard®. Recieve a collision risk assessment at the push of a button. During cutting, the system will protect the cutting head with an automatic collision stop function.



**ESPRIT**  
AUTOMATION

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