

MSF Cut prices:

Cutting Head: ThermaCut EX-TRABEAM-ECO

laser sources	3m x 1.5m	4m x 2m	6m x 2m
YLR-1000-MM-WC	£390,000	£410,000	£435,000
YLR-2000	£395,000	£415,000	£440,000
YLR-3000	£410,000	£435,000	£460,000
YLR-4000	£430,000	£450,000	£475,000
YLR-6000	£450,000	£470,000	£495,000
IPG YLS-1000-U	£410,000	£430,000	£455,000
IPG YLS-2000-U	£425,000	£445,000	£470,000
IPG YLS-3000-U	£435,000	£455,000	£480,000
IPG YLS-4000-U	£450,000	£470,000	£495,000
IPG YLS-6000-U	£480,000	£500,000	£525,000
IPG YLS-8000-U	£530,000	£550,000	£580,000
IPG YLS-10000-U	£555,000	£575,000	£600,000
nLight CFX-3000	£455,000	£475,000	£500,000
nLight CFX-4000	£470,000	£490,000	£515,000
nLight CFX-5000	£490,000	£510,000	£535,000
nLight CFX-6000	£515,000	£535,000	£560,000
nLight CFX-8000	£560,000	£580,000	£615,000

CONFIGURATION INCLUDES

- MSF Cut - High-performance Fiber Laser cutting system with Compact design, Plug & Play installation, High dynamic cutting, Easy operation & Smart i4.0 features
- Sheet metal processing for plates up to 3x1,5/4x2/6x2m with Automatic exchange palette system (shuttle table) with 2 palettes
- Robust steel-structure machine body & High dynamic double side servo-motor driven gantry (with rack-pinion system)
Laser technology setup: Fiber laser source + Laser cutting head ThermaCut EX-TRABEAM Eco + Cooling unit
- Sectional fume extraction table (3x1,5/4x2/6x2m) with electro-pneumatic control & Integrated waste containers (for scrap material), Protection safety cabin (laser class 1)
- Operating interface console with 24" touchscreen monitor & Operator hand-held control panel, Plate alignment (edge detection) by capacitive sensor (automatic)
- Manual lubrication system (via access lubrication points) & LU3K unit (Nozzle Camera, Nozzle Cleaning & Nozzle height control calibration), LaserSafe (safe start of laser technology), Laser pointer
- iMSNC® modules - Management of Cutting Plans (MCP), Economic evaluation (EkoInfo), Machine Activity Management (MachineInfo), Monitoring & Service module
- Technology features: 3D Smart traverse (SZM), One button beam centering (Tape shot), Predictive collision prevention & Smart cut ordering
- Vaporization module (cutting of foiled material)
- Integrated database with cutting parameters (Technological tables), Easy operating and maintenance planning tools,
- Remote diagnostic MicroStep Service® SW tools with Remote access
- MicroStep CAM Programming & Nesting software (professional): Asper Basic, Asper Nesting (incl. Nesting Optimizer) for 1 machine PC + 1 office PC license (all in-house developed)
- Power distributor for machine system (Electrobox), Maintenance set for laser head and Consumable starting set
- Installation & Comissioning, Training and Test cutting (by laser specialist)
- Available modular plate handling automation (optional) - not included in price

OPTIONS - not included in price

Automatic nozzle exchanger for 8 nozzles:	£15,100
Automatic nozzle exchanger for 16 nozzles: <i>(two units next to each other)</i>	£24,800
Automatic switching of 3 cutting gases: 3 inlet gas regulator Hoerbiger (O2,N2+Air) <i>- recommended in case of frequent cutting with Air or switch between O2,N2 and Air (as third cutting gas)</i> <i>- by default 2 inlet gas regulator (normaly is O2/N2 gas regulator installed)</i>	£1,300
Additional laser cutting training by Laser specialist (+2 Days) <i>+ 2 extra days of extended Laser technology & cutting training by Laser specialist</i> <i>(to extend a know-how of your laser cutting operation)</i>	£1,100
Assistance at production launch by Laser specialist (+5 Days) <i>+ 5 extra days of Assistance at production launch by Laser specialist</i> <i>(to ensure smooth run at your first cutting jobs)</i>	£4,200
Additional Asper license (+1 standard license) <i>Basic+Nesting+Nesting Optimizer</i>	£2,640
Camera monitoring system <i>(moniting of cutting area and exchange table)</i> <i>- including additional monitor 24" above MMI operator touch-screen panel</i> <i>- including Digital network video recorder (NVR) + 250 GB SSD hard-drive</i> <i>- including monitoring 4 cameras (3x for cutting area + 1x for exchange table)</i>	£3,500
Input Voltage Stabalizer <i>- protection against voltage fluctuation1</i>	£2,200