

GAS MIXER INFINIT AIRCO MIXGAS® 300

IMPROVE YOUR CUTTING QUALITY

With our intelligent gas mixer INFINIT AIRCO MIXGAS® 300, you can now adapt the cutting quality to your needs.

INFINIT AIRCO MIXGAS® 300 enables you to achieve efficient and optimal cutting results in the thick plate area and to increase the productivity of your lasers.

SIMPLE OPERATION & HIGH PROCESS RELIABILITY

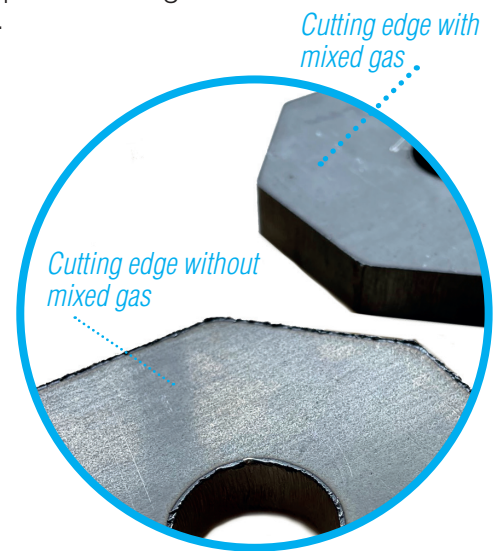
- Performance ranges from 20 to 125 Nm³/h, at 20 – 35 bar operating pressure
- Stepless mixture adjustment via proportional control valve
- Individually adjustable purity with intelligent flow control
- Intelligent control and communication with your laser

BENEFITS

- Better cutting results, particularly due to reduced cutting burr for thin and thick metal materials (30 – 80 %)
- Reduction of post-processing with a reduced cutting burr
- Higher productivity due to faster cutting speed (10 – 30 %)
- No oxidation of the cut edges

OPTIONAL MODULE

- Fully automatic control of the MixGas by the laser possible
- Remote control and screen mirroring directly on the operating screen of your laser cutting system possible



GEWINNER

BLECHEXPO
AWARD

2021



Type:

INFINIT AIRCO MIXGAS® 300

Gasses:

Nitrogen and Oxygen
(not suitable for flammable and liquid gases)

Mixing area:

0 % – 25 % O₂ content

Power supply:

100 -240 VAC / 47-63 Hz

Dynamic inlet pressure difference between the gasses O₂ > N₂:

2 bar – 3 bar

Accessories - Infnit-Connect Kit:

Plug & Play laser connection set for gas supply: N₂, O₂, mixed gas.



CE marking and standards under Pressure Equipment Directive 2014/68 / EU:

- EMV 2014/30/EU
- Low Voltage Directive 2014/35/EU
- Switchgear standard DIN EN 61493-1 VDE 0660/600

Alarm module:

- Purity & differential pressure monitoring with integrated display & alarm function
- Adjustable alarm limits
- Acknowledgement requirement