

## AIRCO<sup>®</sup> INFINIT AIR CUTTING

Compressed air cutting with the new AIR CUTTING system from AIRCO<sup>®</sup>

**AIRCO<sup>®</sup> Systems GmbH** has been very successful in offering complete solutions for onsite nitrogen generation that are **effective and convenient, while also saving space.**

In addition, there is also our **system for compressed air cutting**, which together with all components is mounted on the prefabricated, modular **automotive skits** in our production facility in Frankfurt am Main. **Compressed air preparation, product containers, refrigerant dryers** and the **high-pressure compressor** all find space on the always identical basic structure.

After completion of the pre-assembly, the systems are extensively tested for their function and tightness. The settings can already be adapted to the specifications of our customers. In this way, we enable **commissioning at the customer's site in record time** and realize the basic idea of **Plug & Play**. Due to the compact design, the system and bundles can easily be placed on site with a forklift.

The system for compressed air cutting is only connected to the customer's compressed air network, the power connection and the laser application on site. Optionally, we supply you with a powerful speed-controlled compressor.

In the last step, our customers receive training from our technicians directly at their plant so that they can plan and monitor their future **in-house production in the best possible** way.

Production can then begin immediately. Through our **high-pressure compressor**, we now compress the **compressed air at 300 bar into our bundle**, forming a **buffer tank** while also covering your **peak consumption quite** comfortably.

The plant is monitored by our **fully automatic control system** to ensure optimal production.



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## INFINIT AIR CUTTING COMPRESSED AIR CUTTING

### SKID PLATFORMS – OVERVIEW

Skid Platform	Volume flow (VF)	Platform dimensions (L x W x H in mm)	Platform weight (approx. in kg)	Power connection
AIR CUTTING 15 S	15 m <sup>3</sup> /h	2200 x 2200 x 2200	1280	50 A
AIR CUTTING 45 S	45 m <sup>3</sup> /h	2200 x 2200 x 2200	1420	63 A

\* Bundle (separate) 750 x 990 x 1980 mm, weight 1100 kg



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We offer you a powerful system for compressed air cutting with an efficient high-pressure compressor, dryer, container, and 300 bar bundle, as well as our own compressed air preparation.

*Optional: efficient and speed-controlled compressor*

### COMPRESSED AIR QUALITY ACCORDING TO DIN ISO 8573-1 1.4.1

- Class 1: Soiling
- Class 2: Water (equiv. to pressure dew point of +3 °C) refrigeration dryer designed for ambient temperature up to 45 °C
- Class 3: Residual oil

### BENEFITS

- Reduction of costs for cutting gas
- Pressure adjustable up to 35 bar
- Buffer storage expandable if required
- Plug & Play
- Immediately operational
- Low maintenance effort
- Worldwide service

### HIGHLIGHTS

- Small footprint
- Fully automatic control
- Extremely low power consumption
- CE certified by our notified body

