# TruPlasma Arc 3000 (G2)

Maximum coating performance with precise arc control

## Industry Challenges

- Environmental and economic sustainability is driving our world
- New applications require sophisticated coatings
- Saving energy, materials and time are critical factors
- Reliability and quality of coatings and the coating process are key to competitiveness
- Existing and new coating tools require greater flexibility

## Our Solution

The TruPlasma Arc 3000 (G2) power supplies are specially designed for cathodic arc evaporation applications.

**Features**:

- Precise control of output parameters and high performance up to 225 A and 70 V per module
- Configurable for arc evaporation or ion source application
- Advanced features including dual level pulsing up to 1 kHz for enhanced coating quality
- Compact, power dense design with up to three independent output modules in one enclosure
- High-efficiency design to minimize power consumption and operational costs

## Your Benefits

| | |
|---|---|
| | **Flexible Integration**: Compact design and interface variety enable easy system integration |
| | **Multi-Target Operation**: Dual/triple outputs reduce system complexity and boost flexibility |
| | **Consistent Process Quality**: Stable parameters across full power range |
| | **Reliable Cooling:** Water cooling ensures long-term performance |

TRUMPF

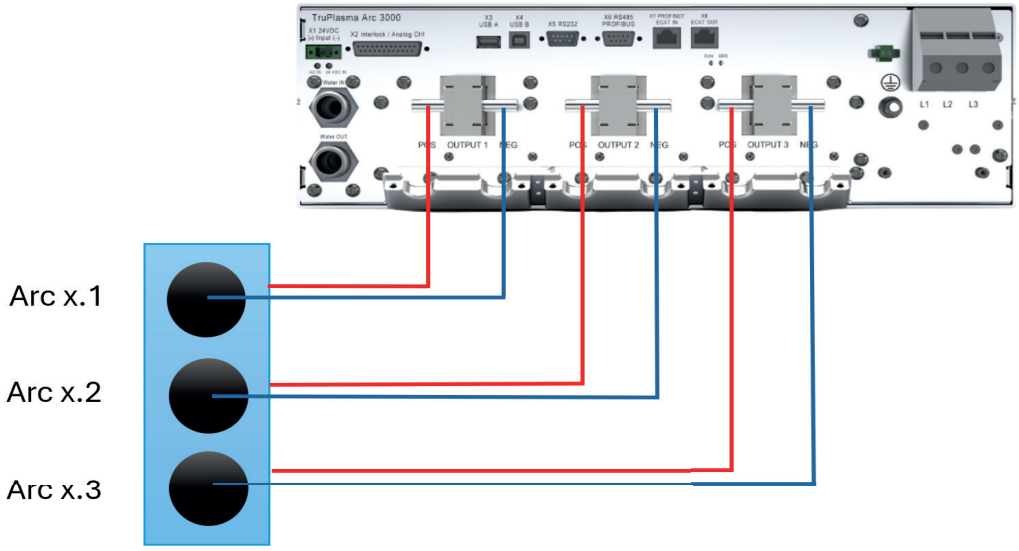
TRUMPF Hüttinger
generating confidence

# Technical data

| TruPlasma Arc 3000 (G2) | |
|---|---|
| Output parameters (per module) | 225 A<br>70 V<br>10 kW |
| Pulse mode | dual level<br>1 - 1000 Hz<br>5 - 100 % duty cycle |
| Ignition | Typ. 600 V on additional terminal |
| Interfaces | Analog, RS232/485, Profibus, EtherCAT, Profinet |

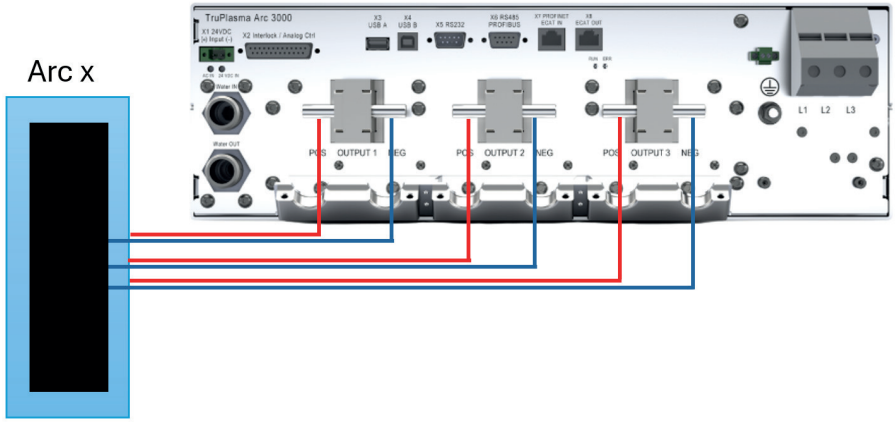
Reduce your CapEx and OpEx - operate up to three cathodes with one power supply:

**225A / 70V / 10kW – each output**




Combine outputs for large arc sources.

**675A / 70V / 30kW – for triple output unit**




© TRUMPF Hüttinger GmbH + Co. KG, 2025. All rights reserved. Subject to errors and technical changes. V01/EN/10.2025

TRUMPF Hüttinger GmbH + Co. KG
Bötzinger Straße 80 · 79111 Freiburg · Germany
Phone +49 761 8971-0 · Fax +49 761 8971-1150
Info.Electronic@de.trumpf.com · www.trumpf-huettinger.com

**TRUMPF Hüttinger**
generating confidence