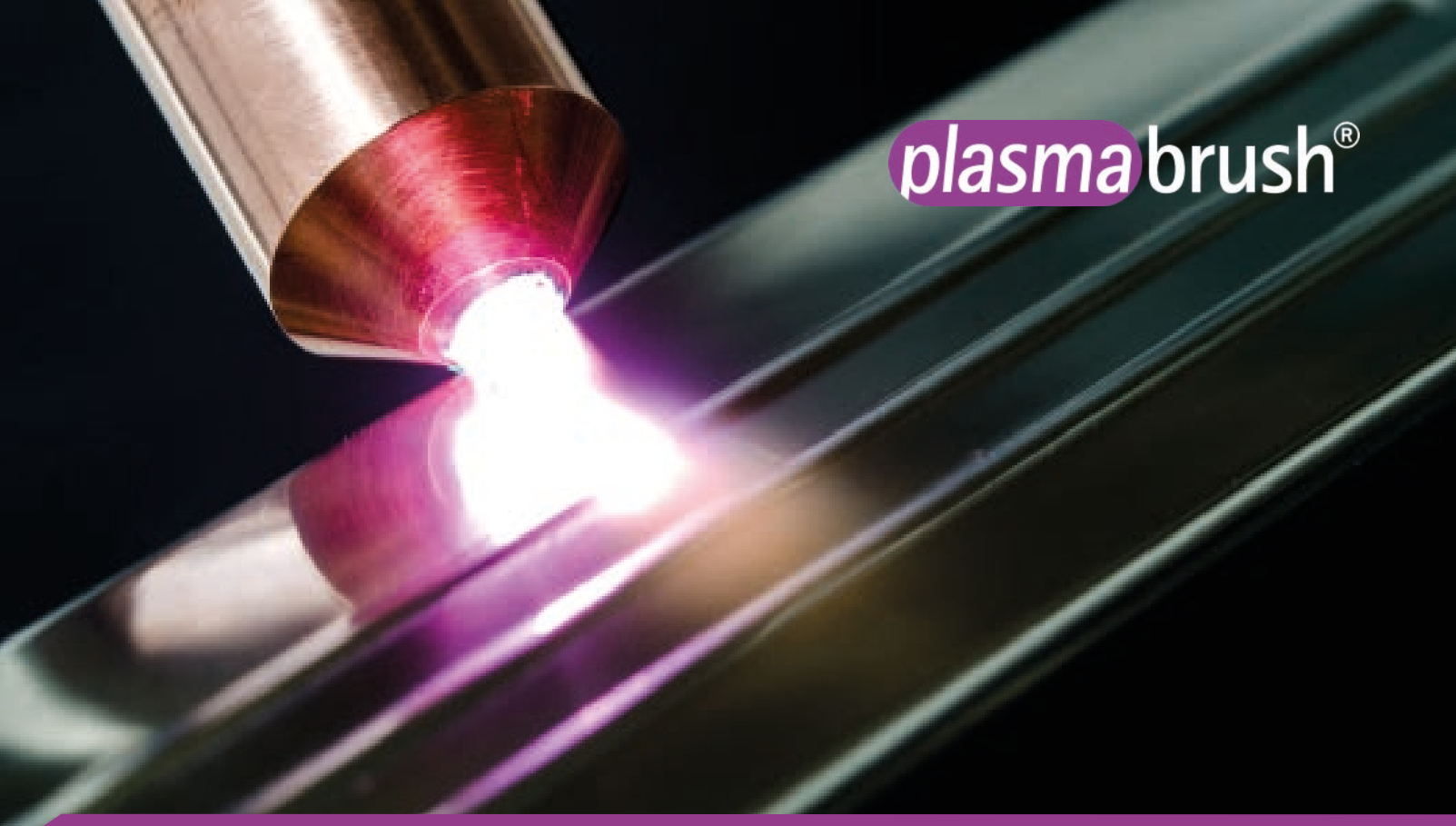


That´s all you need to construct a **high performance plasma system** and integrate it into your process.
Simply connect and it´s ready to use.

PlasmaBrush PB3 – High power Plasma generator

For industrial production processes and high speed applications

The nozzle-type plasma generators are particularly compact and have long-term stability due to the combination of a unipolar pulsed high voltage source and a vortex flow in the nozzle (PAA Pulsed Atmospheric Arc Technology®).

In this dynamically controlled operating mode the arc is prevented from stabilising at a "hot spot" and nozzle erosion is minimised.

Thanks to our many years of experience in arc dynamics, fluid mechanics and power electronics, we have developed an atmospheric plasma system which is unique in terms of power density and function. In the development of this plasma unit, which can be used for many different applications, we have placed the focus on easy integration into industrial processes with very effective user friendly communication ability.

Our systems will fit into every processing environment: safely and reliably.

- Fine cleaning
- Before coating, laminating and sealing

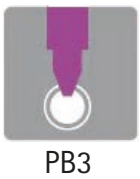
- Surface functionalisation
- Removal of oxide layers

- Germ reduction
- Activation prior to bonding, sealing, casting or printing

relyon plasma®

plasmabrush®

Perfectly coordinated components in robust industrial design:
19-inch **high power voltage supply PS2000** and
plasma generator PB3, connected through a flexible 10 m cable
for **easy integration** into every facility.


PB3


PS2000

CANopen

Technical Information

Flow range	35 to 80 L/min
Cable length	10 m
Weight	680 g
Diameter	32 mm
Gas connector	6 mm
Typical treatment distance	10 - 25 mm
Typical treatment width	15 - 25 mm

- to be operated with PS2000 and HVC cable extension -

Features

- Compact and robust
- Long life
- For compressed air, nitrogen and special gases
- Suitable for use with robots
- Wide operating range in terms of gas flow and temperature
- Minimal heating of the housing
- Variable nozzles

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