

# xFUME® ROBO



## xFUME® ROBO extraction kit

This attachment for source extraction is the ideal addition to a robotic welding cell fume extraction. It can be attached on the MIG/MAG industrial robot torch in a few simple steps and picks up welding fume directly at the point of origin.

# xFUME® ROBO extraction kit: The compact solution for extraction at the source on standard industrial robots or cobots



Extraction at the source is no less important where robot welding torches take over monotonous welding work or welding in forced positions. Robots or cobots have to be refit, maintenance work is required ... in all these activities, the door to the robot cell or the welding curtain is opened and the welding fumes enter the working environment. This must be avoided by all means! The xFUME® ROBO extraction kit prevents harmful welding fumes from spreading in the welding cell in the first place.

**With the xFUME® ROBO extraction kit, ABICOR BINZEL offers a technically matured and compact solution for absorbing welding fumes at the place of origin.** Each MIG/MAG robot torch can be easily upgraded with the xFUME® ROBO extraction kit. Adapter sleeves allow easy mounting of the kit to different torch neck diameters and compensate for variations. The two silicone extraction hoses can be dismantled without tools, which considerably simplifies maintenance.

Detection of the harmful welding fumes takes place behind the gas nozzle, which guarantees consistently good accessibility of the robot torch. The attachment of the extraction kit does not interfere even in confined positions and also provides consistently good access to the workpiece.

Complete set available in 3 and 6 m

## Liquid cooled

xFUME® ROBO W 500 22°

xFUME® ROBO W 500 45°

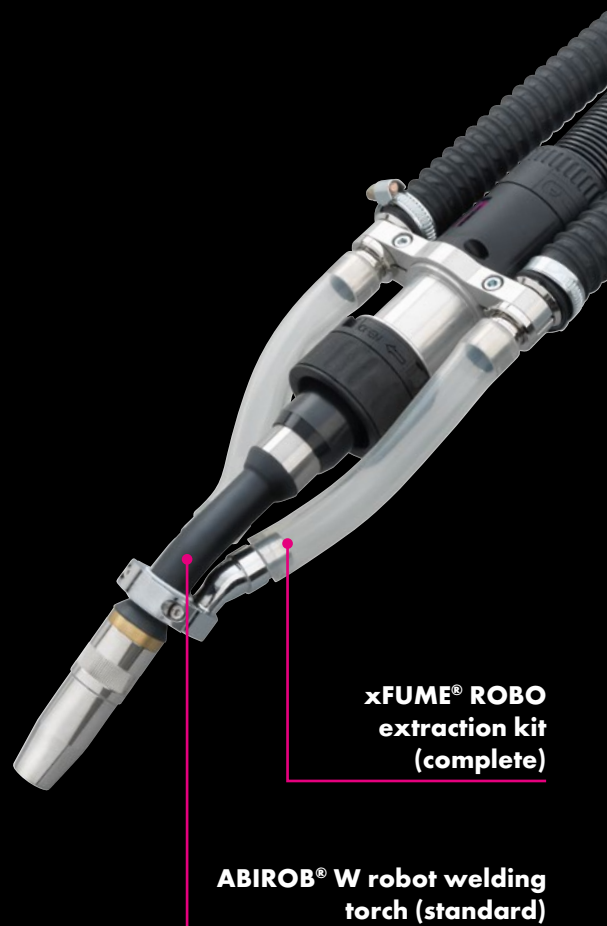
xFUME® ROBO W 600 22°

xFUME® ROBO W 600 45°

## Air cooled

xFUME® ROBO A 500 22°

xFUME® ROBO A 500 45°



## xFUME® ROBO extraction kit at a glance:

- Best possible detection of welding fumes with robot welding torches through extraction at the source
- Highest possible occupational health and safety protection against welding fumes for employees in welding robot production
- Can be optimally retrofitted in existing systems
- Easy and tool-free maintenance
- Continues to allow good accessibility to the workpiece even in confined positions
- Fits all extraction systems designed for robot welding

# Robot fume extraction at the source

## xFUME® ROBO extraction kit

The xFUME® ROBO extraction kit is the ideal solution for welding fume extraction at the source. Combined with an ABIROB® W robot welding torch, reliable and precise fume extraction is guaranteed when the extraction kit is attached to the welding robot and connected to an extraction unit.

The extraction kit is separated from the cable assembly of the robot torch, which ensures that the welding fumes can flow unobstructed to the extraction unit. Already 50 mbar extraction power is sufficient to extract 95% and more welding fumes at the source without affecting the shielding gas coverage.



Type	Description	Part-No.	
		3 m	6 m
xFUME® ROBO W 500/A 500, 0-45°	Complete kit	191.0283.1	191.0284.1
xFUME® ROBO W 600, 0-45°	Complete kit	191.0285.1	191.0286.1

Type	Description	Part-No.
xFUME® ROBO W 500/A 500, 0-45°	Extraction nozzle	191.0248.1
xFUME® ROBO W 600, 0-45°	Extraction nozzle	191.0249.1