

## Business: Welding and Cutting

The welding & cutting sector is the traditional core business of *KEMPER*. Ever since Gerd Kemper, the company's founder, developed his first welding fume extraction system in a garage in 1977, clean air and safety in metalworking have been at the centre of our activities.

Products range from small units such as the Filter-Master to large extraction and filtration systems. Many of the smaller units are produced in both mobile and stationary versions. *KEMPER* also supplies extraction tables, whether for large laser and plasma cutting machines, or for training purposes in schools and other educational institutions. Unlike conventional extraction tables, we use a surface extraction system, so that even finer dust is captured and directly separated out in the filter system.



The protection of employees is of special importance in welding and cutting. That is why *KEMPER* has developed different systems with which you can protect yourself and your staff from radiation. Lamellar and curtain systems together with sound-proofing elements provide the necessary protection for the welder and his environment.

When welding, special protection from harmful rays is needed as the human eye is very sensitive. *KEMPER* offers just the right solution with autodark protective screens, which adapt to any shape of head and are suitable for constant use. Spectacle wearers also benefit from the best possible protection and a high level of comfort. The very low switching time (0.00008 seconds), a field of vision measuring 95 x 47 mm and the solar-powered cassette make working with *KEMPER autodark* even more agreeable.

When the work is carried out in confined spaces, it is not always possible to extract the harmful substances produced in welding, cutting or grinding. *KEMPER* respirator systems ensure that even under these conditions there is still a supply of clean air. *KEMPER* offers two different systems: *KEMPER freshflow*, which works with fresh air, and *KEMPER autoflow XP* which provides the welder with breathable air using a fan with an integrated filter. Both devices are worn directly on the body and are noted for their comfort and freedom of movement.