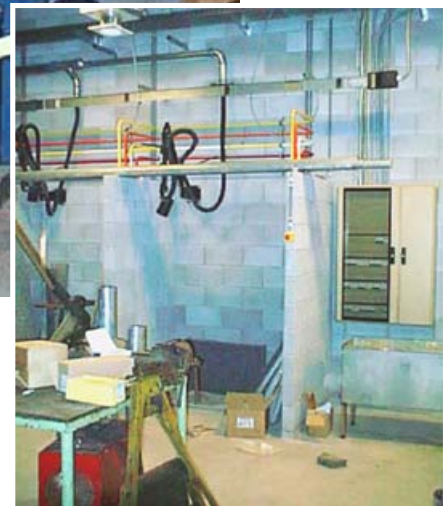


Case Story

Welding smoke extraction at High School Industrial Engineers (department Metallurgy) in Belgium

Situation: This high school educates engineers in industrial technical science. One of the perfection courses consist in welding training. The space where these classes are given is completely surrounded by other class-rooms. Regarding the number of individual working places the room is rather small (350 m²) and the choice of using a high vacuum installation instead of a low vacuum was obvious. Also the noise level of the installation and the filtrating level had to be above normal standards.



Solution: An E-PAK 1000 with twelve balance-arms and automatic valves was installed. Suction nozzles of noise reducing type were used. The E-PAK unit was equipped with a silencer at the outlet.

Benefits: The highly movable Balance arms offer a very efficient extraction combined with a very low space demand. The low noise level of the E-PAK 1000 made it possible to place the unit inside, in the education area.