

# Case Story

## Extraction of welding fumes and grinding dust at Kovovyroba Hoffman, Czech Republic

**Situation:** Smoke from welding MIG/MAG (CO<sub>2</sub>) and dust from grinding weldments became a problem at Kovovyroba Hoffmann. Extraction and filtration of welding fume and grinding dust was necessary, not just to protect the welders, but also the rest of the work force in the workshop. Based on the vast experience from the welding workshop manager, a solution offering excellent manoeuvrability and high efficiency was produced.



Working place of welding at the desks.



Working place of weldment grinding.



**Solution:** An E-PAK 1000 AS was installed together with BA arms, EA arms and CWN nozzles.

**Benefits:** The Balance arms are easy to manoeuvre and they reach over the total working area. The silenced nozzles avoid unnecessary noise from the extraction. The E-PAK 1000 AS will adjust the capacity to the number of users and have enough capacity for welding as well as grinding extraction.