

Exhaust plants for flame-cutting smoke



Gas-cutting with fuel gas as propane or acetylene and oxygen is generally used for breaking down large machines or other bulky pieces of scrap. These processes are generating large amounts of smoke and dust containing iron and iron oxide fines and hydrocarbon compounds, causing large yellow/ocher coloured clouds of dust.

According to the latest EU-directives open air flame cutting generating large dust and smoke emissions are not allowed anymore. These processes have to be operated in closed rooms including an appropriate air treatment process.

Based on its experience of air treatment facilities for shredder installations, Oberländer Recycling Maschinen GmbH from Germany is offering different solutions for these processes.



Movable hall type BH 8x4 for catching smoke from flame-cutting process of scrap.

Technical data BH 8x4:

Hall dimensions:	8.0 x 4.0 x 3.0 m
Travelling length:	16 m
Exhaust air volume: approx.	20,000 Bm ³ /h
Fan power:	approx. 45 kW