

Push-Pull-System

- » Capturing and outlet opposite
- » Air turbulence



Properties

- » Automatic filter cleaning, pressure-controlled
- » Control via touch screen
- » KemTex® ePTFE filter cartridges
- » Dust collection container with pneumatic lifting device
- » Can be connected to various extraction systems
- » Can be combined with other intake systems to one extraction system
- » Can be extended
- » Economical
- » Low noise level

Accessories

- » Automatic dust disposal - DustEvac
- » External On/Off

Applications

- » Low to medium levels of smoke and dust
- » Workshops where local exhaust ventilation is not possible
- » To complement local exhaust ventilation systems
- » Environments with changing sources of smoke and dust
- » For large work pieces or where work positions are well separated

Mode of operation

- » Outlet and inlet pipes (push-pull) are mounted opposite each other at a height of 4-6 m and connected to a central filter system
- » Contaminated, warm air rises and by the air flow from the outlet pipe is moved in a controlled manner towards the inlet
- » Contaminated air is extracted via the inlets and purified in the filter system
- » The clean air returns to the factory building via the outlets so the veil of smoke disappears

Benefits

- » Flexibly expandable by additional piping
- » Uninterrupted continuous operation due to automatic differential pressure-controlled filter cleaning
- » Little noise emission due to a particularly low noise level
- » Heating costs minimised by air recirculation
- » Convenient operation due to intelligent control via touch screen with diagnostic system
- » Contamination free dust collection due to compressed air lift for duct collection container

