



# Dust Separator/Filter Combination HZF

NEW  
DESIGN

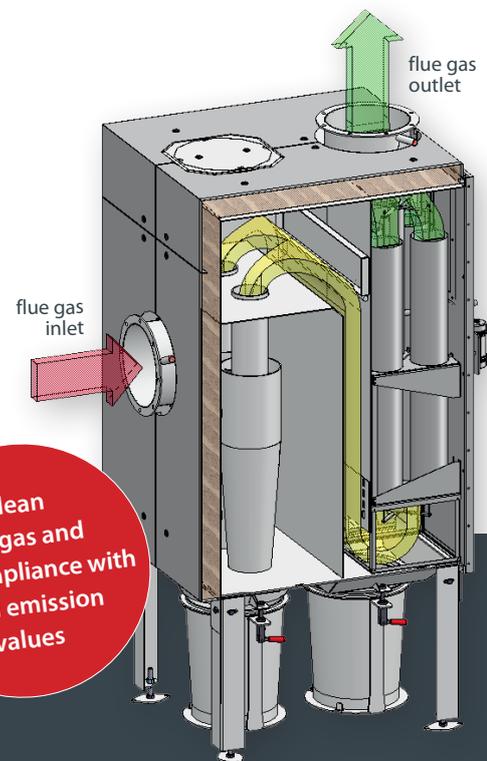


For boiler capacity:  
from 70 up to 500 kW



# Compact, space-saving and environment-friendly

The filter is a combination of a cyclone separator with a downstream fine dust filter. The flue gas initially is led through the cyclone. The proven Nolting high-performance cyclone separates coarse dust particles as a preliminary stage. In the downstream electric filter the fine particle separation is effected via electrostatic charge. As a result, the legal emission limits are safely undercut. The idea of combining a coarse filter and a fine dust filter in one unit enables Nolting to offer a space-saving, cost-effective filter solution for biomass-firing systems with boiler capacity of up to 500 kW.



## Dust Separator/Filter Combination type HZF

### Advantages

- ✓ space-saving filter solution by a combination of cyclone-fine dust filter in one device
- ✓ regulated automatic mechanical filter and electrodes cleaning
- ✓ streaming conditions are individually adjustable on the installation
- ✓ integrated bypass for flue gas
- ✓ retrofit, right/left independent
- ✓ low wear, low maintenance
- ✓ very easy to maintain by the use of several cleaning and inspection openings
- ✓ ash collecting containers with admission for the ash containers easily to change
- ✓ control and adjusting unit with display outstanding compactness suitable for smallest spaces
- ✓ connection for flue gas recirculation

### Technical Data

- + max. flue gas side flow resistance: 50 Pa
- + max. temperature: 250 °C
- + max. power input: 150 Watt
- + max. electrode potential: 30,000 V
- + power supply: AC 230 V/50 Hz
- + 4 design sizes
- + for boiler capacity: 70–500 kW
- + dust bins: 35 liter
- + mineral wool insulation: 80 mm

innovative. flexible. reliable.