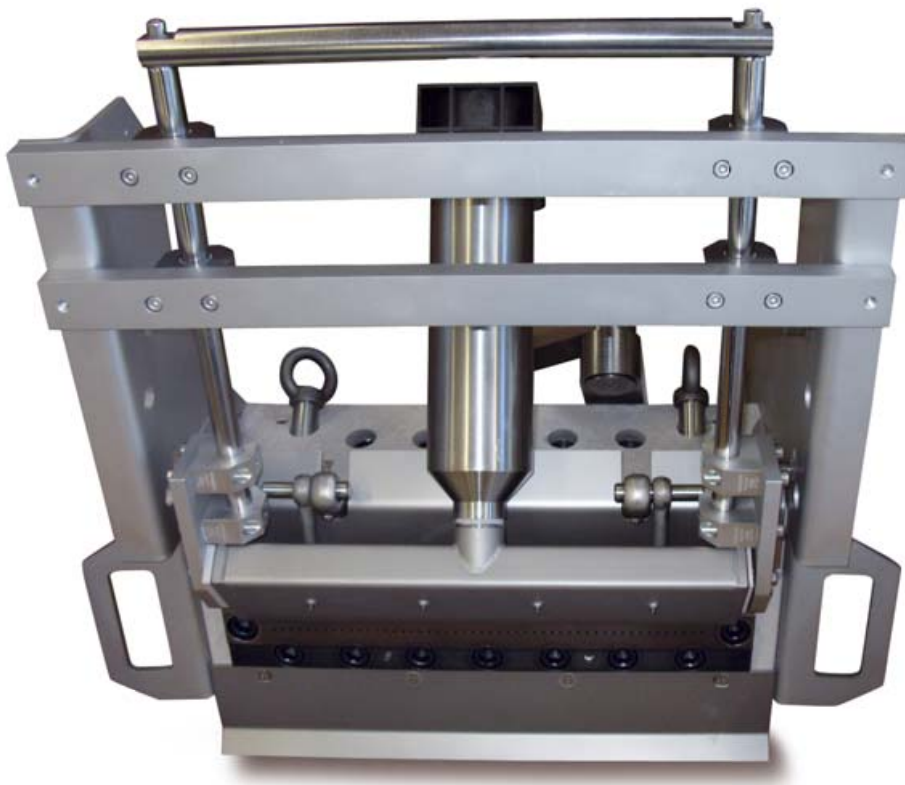


HAK

Nozzle cleaning device for reducing deposits



The hot air knife (HAK) is an optional or retrofitting device mounted to the die head of dry cut strand pelletizing systems which efficiently removes melt residues, outgassing remains, and die drools (such as build up of glass fibers) from both the die holes in the die plate as well as from the extruded strands themselves. With the hot air knife, product contamination can be reliably prevented and disruptions to production minimized.

Your benefits

- Efficient reduction of deposits and fiber residues
- Increased availability of your production line
- Reduction in overall production costs
- Improved product quality
- Available for die head operating widths from 100 mm to 900 mm

HAK

Nozzle cleaning device for reducing deposits

Options

- Manual or automatic controls

The hot air knife works like any air knife, except that the compressed air is preheated. The air volume and pressure are mechanically regulated, while the temperature of the compressed air is controlled electrically. The device simultaneously distributes the hot compressed air across the entire operating width of the die head. It acts through the combination of the high air velocity and the temperature of the air, which is above the melt temperature, blowing or melting away unwanted residues and deposits efficiently and precisely.



Hot Air Knife in operating position



Hot Air Knife unit

Technical data:	HAK 100	HAK 200	HAK 300	HAK 450	HAK 600	HAK 900
Heat delivery [kW]:	8	10	10	18	18	36
Compressed air delivery [Nm ³ /h]:	15	20	30	40	60	90
Operating pressure [bar]:	3-6	3-6	3-6	3-6	3-6	3-6