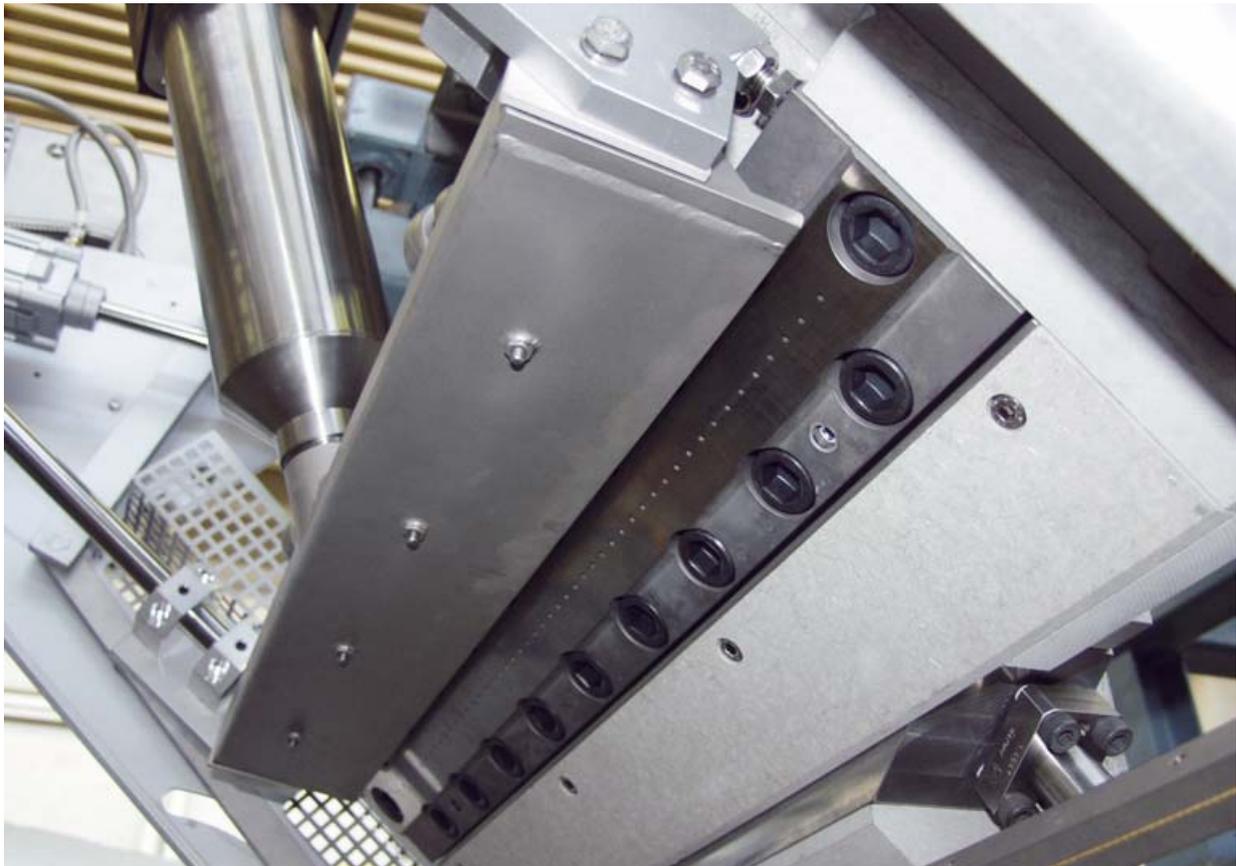


Hot Air Knife

For highest quality demands in compounding



The hot air knife is an optional 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).

Your benefits

- Increased availability of your production line
- Reduction in overall production costs
- Improved product quality and uniformity

Hot Air Knife

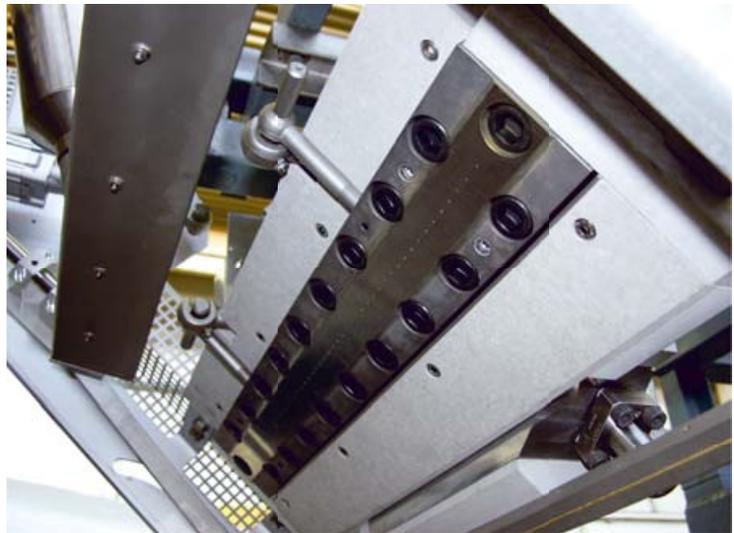
For highest quality demands in compounding

The hot air knife is an optional 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. The device may be ordered with new systems or retrofitted to existing production lines. With the hot air knife, product contamination in critical compounding applications can be reliably prevented and disruptions to production minimized.

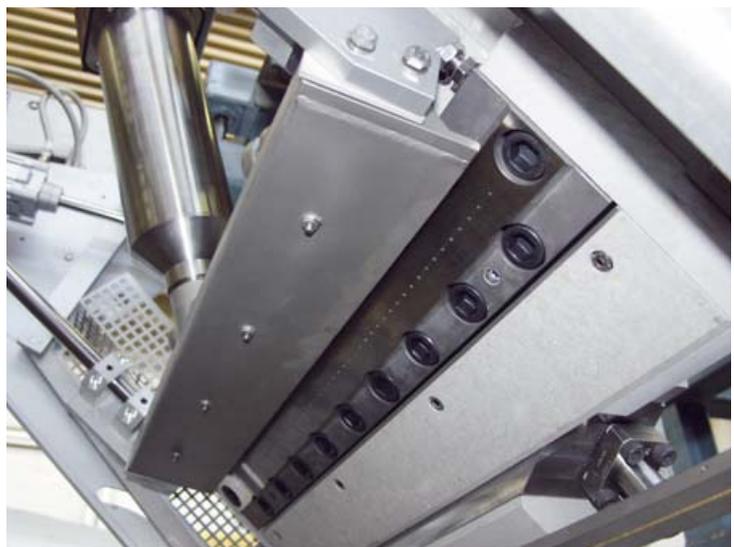
The hot air knife works like any air knife, except that the compressed air is preheated. The air volume and pressure are mechanically regulated, while the temperature of the compressed air is controlled electrically. The device simultaneously distributes the hot compressed air across the entire operating 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.

Advantages

- Increased availability of your production line
- Reduction in overall production costs
- Improved product quality and uniformity
- Available for die head operating widths from 200 mm to 900 mm
- Manual or automatic controls available



Hot air knife in retracted position



Hot air knife in operating position

Should you have any questions, please contact us by phone or email.