

R-PRO™

Resin Protection Conveying System

R-PRO system design uses a controlled speed to eliminate pellet fracturing, angel hair, dust and pipe wear without limiting throughput.



The new, patent-pending R-PRO conveying system virtually eliminates pellet fracturing, “angel hair” and pipe wear caused by high-speed vacuum conveying. This unique system results in slower flow and less resin degradation without limiting throughput. It’s cost competitive and it can even be retrofitted to existing systems.



R-PRO takes charge of material feeding into the conveying line and then controls the vacuum pump speed for adjustable parameters. R-PRO systems convey both pellets and/or

regrind material. Material arrives at the processing machine undamaged, without creating dust and without the high velocity scraping of the tubing walls that forms angel hair and streamers. Elbows, valves, flex hose and even vacuum receivers all last longer with controlled R-PRO delivery.



LESS DUST/LESS
FILTER MAINTENANCE



NO ANGEL HAIR/LESS
PELLET FRACTURING



SLOW SPEED/HIGH
THROUGHPUTS



REDUCED WEAR



ADJUSTABLE SPEED



LESS STATIC

- **Controlled resin flow reduces system wear**
More controlled movement means less pellet degradation, less dust creation and less filter maintenance. Angel hair streamers do not form. Tubing, elbows and even hose last much longer. Static charges in the conveying lines are significantly reduced.
- **Retrofit-ready**
Conair’s patent pending R-PRO can often be adapted to utilize existing tubing networks for a lower cost implementation.
- **Economical manual conveying control**
Manual operation is ideal for dedicated, single-line conveying applications. Fine-tuning features are available for energy savings and throughput control.



Call Conair today to set up a lab test, see for yourself
how to protect your material and your resin transfer system!



Storage



Conveying



Drying



Blending/Feeding



Heat Transfer



Size Reduction



Extrusion



Systems