

RETROFITS

Upgrade your extrusion lines with new modules to increase their performance



Increased output, higher efficiency and better film quality at a reasonable price is a goal of every film manufacturer. Our experience is that it's not always necessary to invest in a new line in order to achieve these targets. Often retrofitting an existing machine is all that's needed.

Experts in W&H's Retrofit department specialize in modernizing existing equipment, for example retrofitting a blown film line with the latest air ring technology. Our engineers will be happy to help you optimize your W&H blown film lines, cast film lines as well as extrusion equipment from other manufacturers.

- Air ring upgrades to get best in class film quality and output
- Keep your line state of the art with newest automation modules
- Extend product portfolio e.g. by adding MDO technology, ...
- Get ready for PACKAGING 4.0

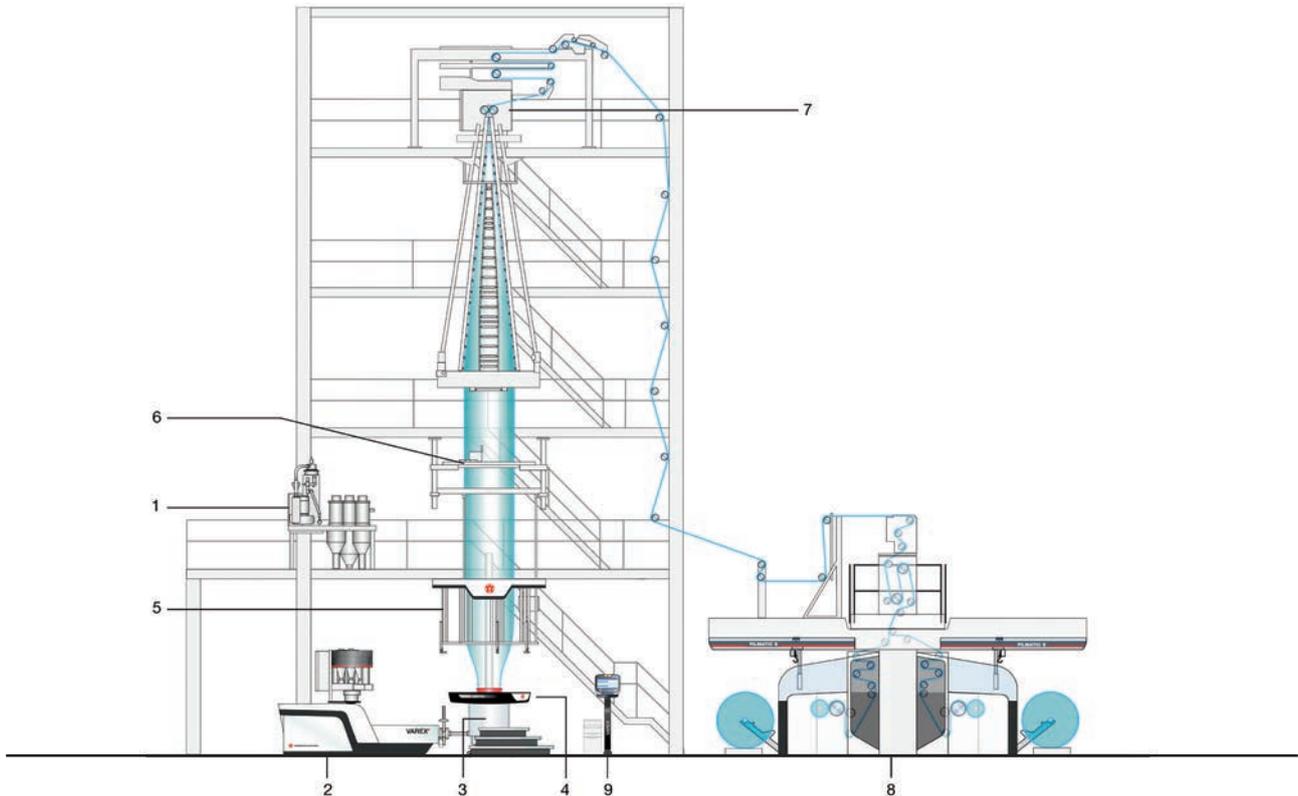
Your advantages

- ✓ Result-driven – always focused on the overall process
- ✓ Flexible – modular retrofit solutions, tailored to customer needs
- ✓ Experience – consulting based on the decades of expertise of the market leader
- ✓ Future-proof – latest technologies used for longtime reliable production

PACKAGING
4.0 
*intelligent,
intuitive, integrated*



RETROFIT SOLUTIONS for Blown Film Lines



W&H has been active in the extrusion retrofitting business for 10 years and has successfully completed more than 2,000 retrofit projects worldwide. This business profits from the company's more than 50 years of market leadership with new machines. The installation and support is provided by the worldwide W&H Sales and Service network.

Over 350 experienced service technicians from the 12 service centers work worldwide. This enables comprehensive support from the offer to the on-site commissioning – always with the goal of putting the system back into production as rapidly as possible and minimizing downtimes.

Our Retrofit Offers

- | |
|--|
| 1. Gravimetric resin metering and throughput control |
| 2. Plastifying units (extruders, screws, etc.) |
| 3. MAXICONE dies |
| 4. Air rings to increase output in conjunction with patented gauge profile controllers |
| 5. VARIOCAGE film size unit |
| 6. Thickness gauges (contact, non-contact, traversing) |
| 7. Haul-off units and appropriate components |
| 8. Winder add-ons |
| 9. PROCONTROL TS operator console and OPTIFIL PLUS process automation |

