

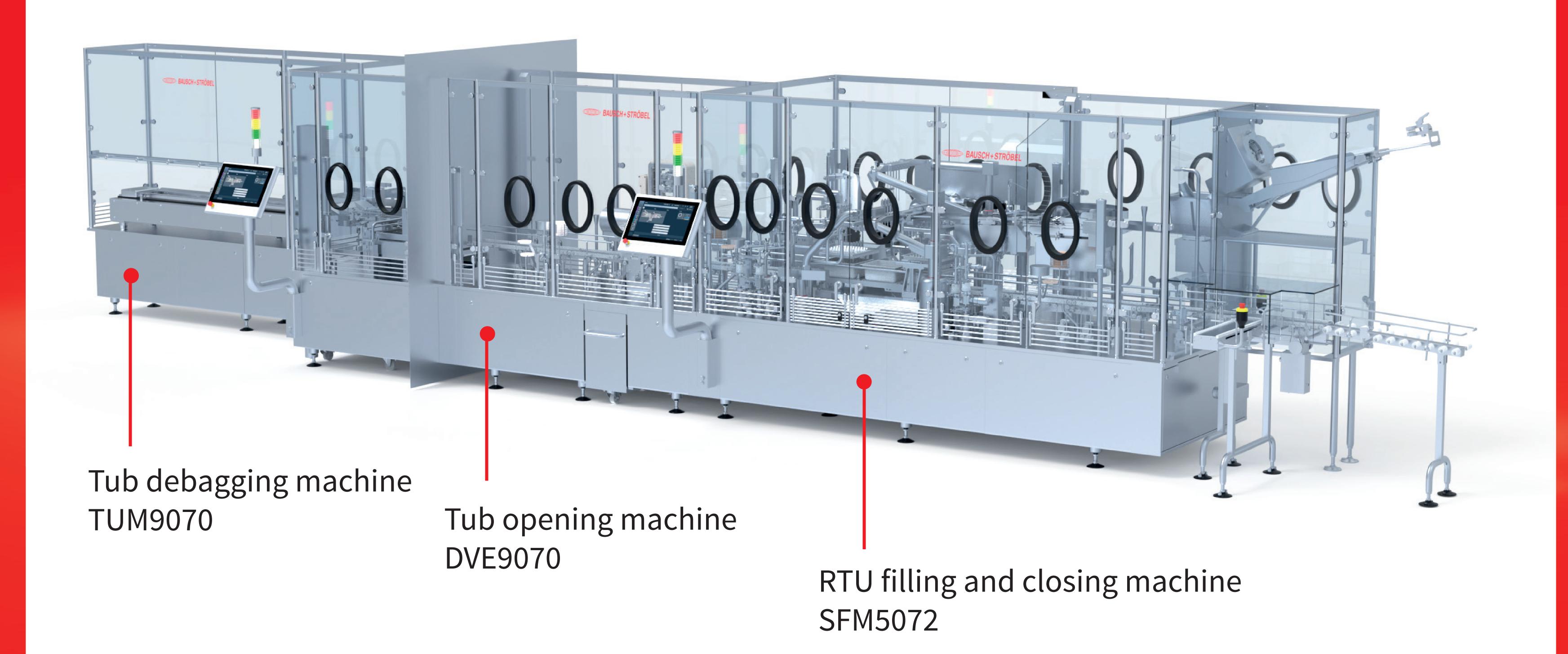
SCHOTT SHARMA

SUSTAINABILITY

- + Reduce CO, emissions
- + Minimized waste management costs
- + Improvement of sustainable production process

The new SCHOTT TOPPAC® Nest 160 significantly lowers the product's carbon footprint by 17 % compared to the traditional SCHOTT TOPPAC® Nest 100. An internal study revealed substantial reductions in environmental impact across several components. This advanced nest design is a step towards operational excellence and a stride towards a greener, more sustainable production process.

Optimizing Efficiency & Sustainability of high speed production with the new SCHOTT TOPPAC® Nest 160



Bausch+Ströbel sustainability

Sustainability is an integral part of our long-term corporate strategy, exemplifying our commitment to people, the environment, and society. In our pursuit of sustainability, we collaborate with the pharmaceutical sector to enhance global access to high-quality medicines for all. This sense of responsibility is the moral compass that has guided us to this day. It is the driving force behind our innovations, serving as a catalyst for our research and development efforts, an essential element of our corporate DNA, and is also reflected in our Sustainability Management Policy.

Features of the RTU filling and closing line

- Versatile processing for single and double bags providing highest flexibility
- + Heat and vacuum-assisted tub opening for minimizing contamination through reduced- particle delidding principle
- + Vacuum-assisted filling and closing for higher product quality by reducing air bubble formation
- + Configurable filling system options for quick adaptation to diverse production requirements
- + Precision control with servo drives for consistent and reproducible process across all operations

Features of the SFM 5072

- Transport with 2 centering units
- + Fully automatic In-Process-Control (IPC)
- + Up to 16 filling stations
- + Up to 16 lane stopper supply
- + Various dosing systems: rotary piston pumps, peristaltic pumps, time-pressure dosing
- + Vacuum-assisted filling and closing
- + Output up to 60,000 pcs./h
- + Processing of various containers like syringes, cartridges and vials

EFFICIENCY

- + 67 % increase in output
- + 60 % additional manufacturing capacity
- + 60 % more syringes per pallet

The new SCHOTT TOPPAC® Nest 160 is the first and only system to hold polymer Luer Lock syringes in a 10 x 16 nest configuration.

Accommodating 160 1 ml long polymer syringes per nest enables pharmaceutical companies to fill substantially more syringes per hour than the typical 100 syringes, resulting in up to a 67 % increase in efficiency. As a result, it is an ideal solution for the high speed production of vaccines, diluents, and dermal fillers.

Going from SCHOTT TOPPAC® Nest 100 to SCHOTT TOPPAC® Nest 160 for optimized packaging density.





- + 60 % more syringes per nest
- + Reduced manufacturing costs up to 38 %
- + Reduced carbon footprint by 17 %
- + Increase machine efficiency up to 67 %
- + Increase manufacturing capacity as much as 60 %