

TS-VAC pneumatic conveyor

general features

The TS-VAC is a completely hygienic and safe vacuum product conveying system, thanks to it is entirely hermetic, making it suitable for the food, pharmaceutical, and chemical industries in general.

TS-VAC conveyors enable the transfer of powdery, granular, or solid material from a container, hopper, or vessel to the final processing equipment. Its operation is based on creating a vacuum at the destination point of the product so that it can flow to the final container.

The TS-VAC stands out for its versatility, since it can be adapted to different processes and sets of equipment. They allow for both continuous operation (there is a constant air suction at the destination point) and batch loading (where vacuum is produced in a sealed chamber and, once valves are opened, the product flows into it), preventing product loss, eliminating the risk of contamination, and requiring minimal maintenance.

The system includes the suction element (vacuum pump, centrifugal fan, etc.), the ducts through which the product circulates, a filtering unit with automatic cleaning (reversed pressurised air flow), a loading hopper, a set of pneumatically operated valves, and an electrical-pneumatic control panel.



TS-VAC pneumatic conveyor mounted on a mobile stainless steel frame.

