

VENTURI DISCHARGE

fitted at the bottom-rear of the tank. Slight pressure inside the partially tipped tank is used to push the dust to the discharge outlet. The air stream created by the vacuum pump produces turbulence and keeps the dust in suspension, before being drawn outside through a pipe carrying a high speed air stream, again created by the vacuum pump, exploiting the Venturi effect. The dust is thus carried outside of the tank in the air stream, and can be conveyed through pipes over long distances and even up to heights exceeding 50 m.

