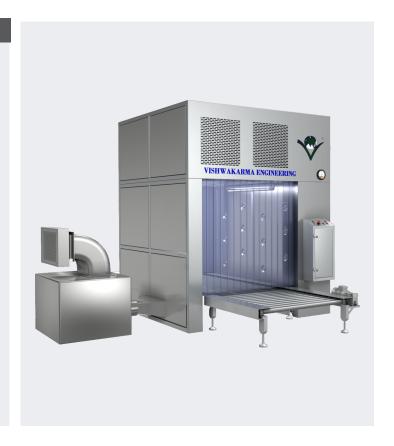
DEDUSTING TUNNEL/BOOTH

The De- Dusting Tunnel/Booth system used to remove the loose particles/dust present on the receiving materials, which will be brought into the warehousing area before they are transferred into the quarantine area.

Motorized roller conveyor leads to transfer of heavy load material from material loading to dedusting chamber and than finally to material unloading side.



GENERAL SPECIFICATION

Sr. No.	Item	Description
1.	MOC	SS 304 / SS 316 / SS 316L combination of SS 304 & SS 316 as per - ASTMA
2.	Two stage filtrations	EU6 - Fine Filter (efficiency 95% down to 5 micron
		EU 14 - HEPA Filter - Supply (99.999% down to 0.3 micron)
3.	Motor Blower	Dynamically balanced with suitable rating and size
		Fluorescent Lights with milky white diffuser
		SS on / off switch
		Digital Differential pressure gauge
4.	Sequence of Operation	"Vehicle arrives and docks at receiving bay"
		An operator starts the De-dusting chamber's blowers first and then Conveyor - by pushing
		the buttons on the push button station
		Loose material (one at a time) is manually loaded onto the conveyor
		The material passes through the De-dusting chamber and on the exit side. These are again
		manually retrieved from the conveyor for further movements
		The roller conveyor we are providing is suitable to lift instant heavy load with its chain - gear
		mechanism by the help of gear box motor of suitable capacity.
		Belt conveyor we also providing with this unit having their load carrying capacity of 800 kg to
		1000 kg
		We can also provides brushing system in manual and automatic operation with the help of
		programmable HMI / PLC based control system.
		We can also provide door mechanism on material unloading side. That door either can be leaf type
		double door or high speed rolling shutter depending upon client's feasibility.