

## TECH420E D100 15kW - PNEUMATIC CONVEYOR



FOOD INDUSTRY



CHEMICAL-PHARMACEUTICAL



COFFEE, TEA, TOBACCO PROCESSING



WOOD



- ✓ Customization and configuration available according to specific needs
- ✓ Easy to install, turn on, use and sanitize
- ✓ No obstruction or environmental pollution
- ✓ CE-certified, FDA-certified system for food application. A wide range of optional accessories is available
- ✓ Increased productivity
- ✓ Low economic impact and reduced operating and maintenance costs
- ✓ Product quality and integrity preservation
- ✓ Improved hygiene and operational conditions
- ✓ The system includes a side channel blower, which is a silent, powerful three-phase motor which requires no maintenance



### SUCTION UNIT

Voltage	V - Hz	230-50 1~
Power	kW	15
Max air flow	m <sup>3</sup> /h	720
Max. waterlift	mbar	530



### FILTER UNIT

Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air cleaning consumption	l/min	350



### DISCHARGE UNIT

Ø Unload / Outlet	mm	150 -250
Type of unloading		Clapet valve



### LOADING UNIT

Weight	kg	28
Max load volume	lt	20
Ø P. conveying system	mm	100 - 80
Dimensions	cm	Ø420 - h980



Transport capacity	kg/h	3.700	2.200	1.300	650
Distance	Mt	10	15	20	25



## SUCTION UNIT

High efficiency suction unit with side channel blower, a three-phase electrical engine with no need of maintenance and very suitable for continuous and long-term use. It includes by-pass valves and a choke valve.



## FILTER UNIT

Filter unit: an antistatic polyester cartridge for food application, FDA-certified, 1µm filter media. Static and automatic filter cleaning system



## DISCHARGE/LOAD UNIT

Single-piece truncated cone shape loading unit with tangential inlet  
Unloading unit with clapet



## CONTROL UNIT

Control unit: electrical panel with PLC 12I-8O placed 3meters away from the loading unit



## AVAILABLE ACCESSORIES

- ✓ FDA-Certified flexible hose
- ✓ Suction lance
- ✓ Pick-up hopper



## OPTIONALS

- ✓ AISI316 STAINLESS STEEL COMPONENTS
- ✓ PNEUMATIC VIBRATOR
- ✓ RELIEF VALVE TO EMPTY THE PRODUCT LINE
- ✓ PARTS IN CONTACT WITH MIRROR POLISHING
- ✓ KIT FOR THE ASSEMBLY OR THE CONNECTION TO OTHER SYSTEMS