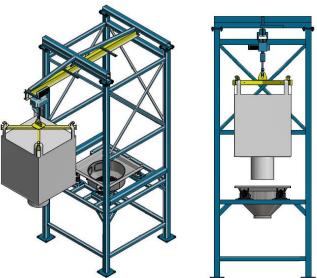
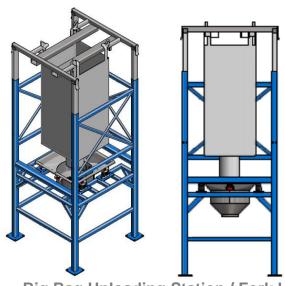
# THEREC ENGINEERING & CONSULTING CO., LTD.

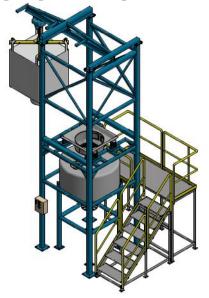
# **Dust Free Bulk Materials Bags Unloading Stations**



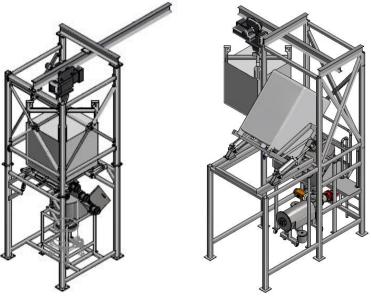




**Big Bag Unloading Station / Fork Lift** 



**Big Bag Unloading Station with Buffer Tank & Operation Platform** 



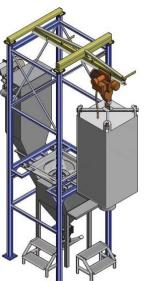
Special Design Big Bag Unloading Station



**Dust Control Bag Filter** 

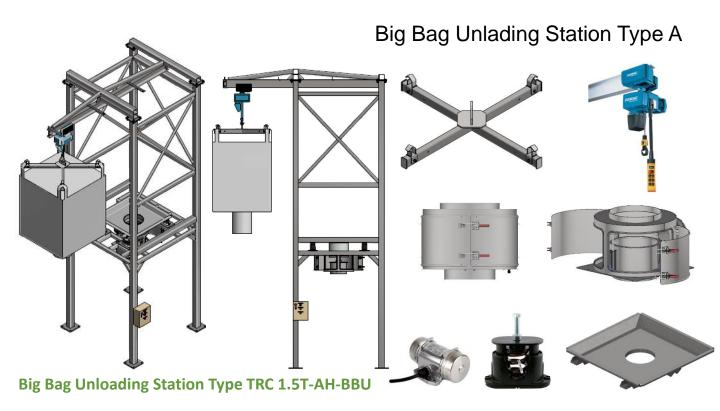


**Bag Dumping Station** 









- Standard normal structure with monorail hoist and bag hanging device, suit with any big bag sizes and non limited height cases
- Big bag normal support base hopper flat to 70 degree angle on the vibration pad with or without vibrator or air knocker and bag opening window
- With full-docking for dust free operation and safety purpose in case of toxic dust
- Iris Valve option for bag changing before 100% emptying



- Low loadings structure with integrated balancing spring and fork lift holder, for limited height cases for fork lift (or for the building traveling crane)
- Big bag 45 to 70 degree support base with support spring & vibrating motor





- Standard normal structure with monorail hoist and bag hanging device, suit with any big bag sizes and non limited height cases
- Big bag normal support base hopper flat to 70 degree angle on the vibration pad with or without vibrator or air knocker and bag opening window
- With semi-docking for dust reduction operation and environmental friendly
- Iris Valve option for bag changing before 100% emptying



- Low loadings structure with integrated balancing spring and fork lift holder, for limited height cases for fork lift (or for the building traveling crane)
- Big bag 45 to 70 degree support base with support spring & vibrating motor



# Standard Design Big Bag Unlading Station









Big Bag Unloading Station Type TRC 1.5T-XH-BBU











Big Bag Unloading Station Type TRC 1.5T-XF-BBU











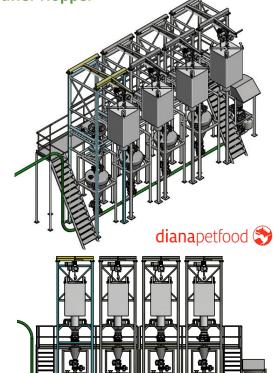
## Standard Design Big Bag Unlading Station









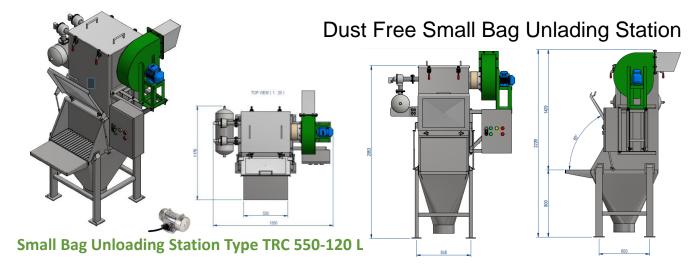


Big Bag Unloading Station Type TRC 1.5T-BH-BBU / with Lump Breaker & Weighting System

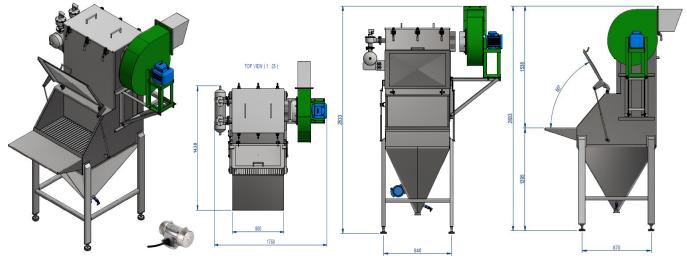






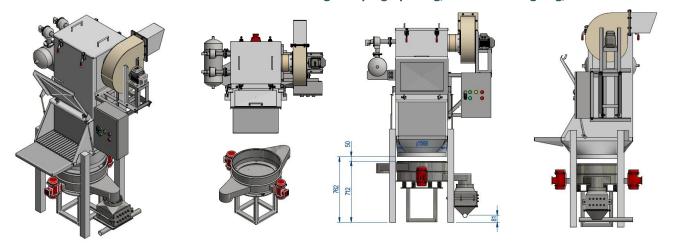


- Standard normal structure with 550 mm width bag dumping opening, suit with 25 kg bag
- 120 liter storage volume ,on pyramid shape buffer hopper, with very steep cone angle of 70 degree
- With, Dust control bag filter set / Automatic jet pulse air cleaning system / Large air tank and Over size centrifugal dust collecting blower to ensure the best pollution control efficiency
- Stainless steel motor vibrator to ensure the emptying of the buffer hopper



**Small Bag Unloading Station Type TRC 800-300L** 

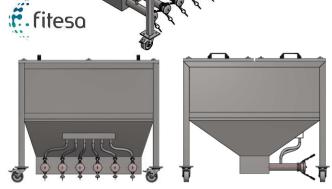
- Standard normal structure with 800 mm width bag dumping opening, suit with 50 kg bag, 300 liter volume



Small Bag Unloading Station Type TRC 550 / Special Arrangement

- Standard normal structure with 550 mm with Vibration screen, Magnetic separator & Damper valve

# Special Design Small Bag Unloading Station



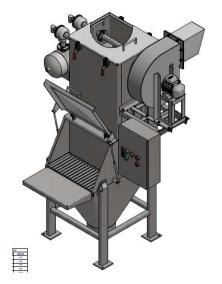






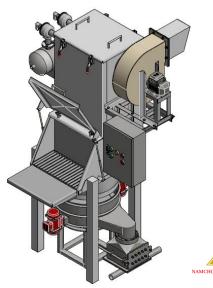












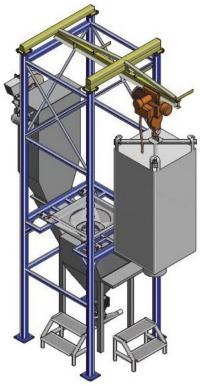




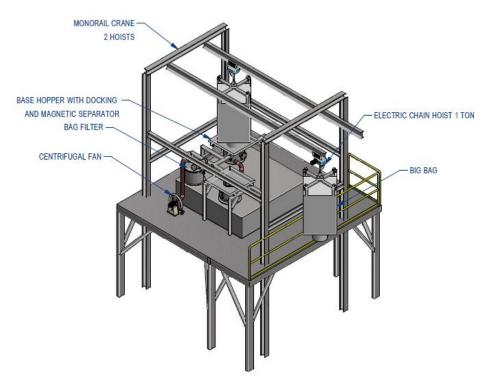




### Special Design Bulk Material Bag Unloading Station



Special Design / Monorail Hoist Big Bag & Small Bag Unloading Station



Special Design / Monorail Hoist

Big Bag Unloading Station / Installed onto the normal opened hopper With Food grade Compact Bag filter set for Dust Free Operation



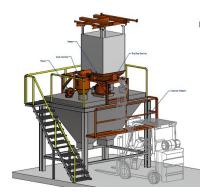
Special Design / Fork Lift Big Bag Repacking Station



Special Design / Fork Lift
Big Bag Unloading Station



Special Design / Monorail Hoist Big Bag Unloading Station



#### Special Design / Fork Lift

Big Bag Unloading Station / Installed onto the normal opened hopper With Food grade Compact Bag filter set for Dust Free Operation

Many more option on request

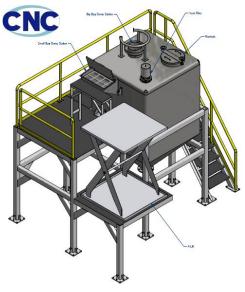


# Special Design Bulk Material Bag Unloading Station



Special Design / Fork Lift
Big Bag & Small Bag Unloading Station





Special Design / Factory Crane
Big Bag & Small Bag Unloading Station







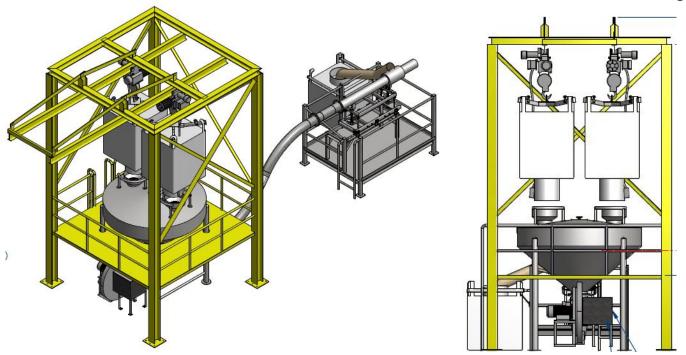
Special Design / Monorail Hoist Big Bag & Tote Bin Unloading Station







# Bulk Bag Unloading Station for Bulk Container and Bulk Truck Loading



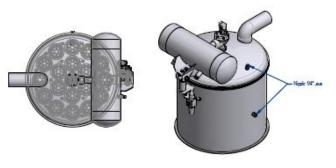
High Capacity Design for Unloading of 27 bags / hr



Special Design / with 2 Monorail Hoist and Extra large buffer hopper of 4,000 liter



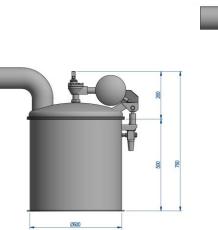
#### **Standard (Food Grade) Cylindrical Housing Bag filter**

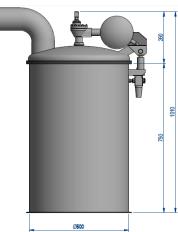


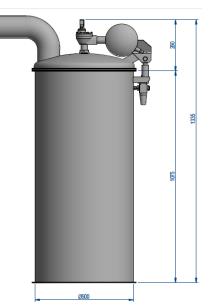








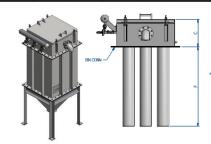


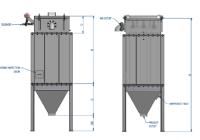


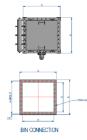
**Standard Square Housing Bag filter** 

#### **Specifications**

MODEL	CLOTH AREA (sq.m)	NO. TOP DOORS	OVERALL DIMENSIONS									COMPRESSED AIR	FILTER	BIN VENT
			Α	В	С	D	E	F	G	н	J	REQUIRED @ 90 PSIG(SCFM)	APPROX. WT.(kg)	APPROX. WT.(Kg)
VM6-9 VM9-9 VM12-9	2 4 5	1 1 1	0.95 0.95 0.95	1 1.3 1.6	0.4 0.4 0.4	0.75 0.75 0.75	2.13 2.43 2.73	0.6 0.9 1.2	0.8 0.8 0.8	8 8 8	32 32 32	2 2 2	1.1 2.2 2.75	
VM9-16 VM12-16 VM15-16 VM18-16	7 9 12 14	1 1 1	1.2 1.2 1.2 1.2	1.5 1.7 2 2.3	0.45 0.45 0.45 0.45	0.8 0.8 0.8 0.8	2.85 3.05 3.35 3.65	0.9 1.2 1.5 1.8	1.04 1.04 1.04 1.04	9 9 9 9	36 36 36 36	3 3 3 3	3.85 4.95 6.6 7.7	-









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