

THEREC

Company Profile



Total Package, Design & Built, for Powder Processing & Monitoring system and Pneumatic Conveying system

Power Processing & Monitoring

Pellet & Powder Material Silo Managing System

Pellet & Powder Raw Material Receipting System

Raw Material Weighting System

Powder Mixing & Screening System

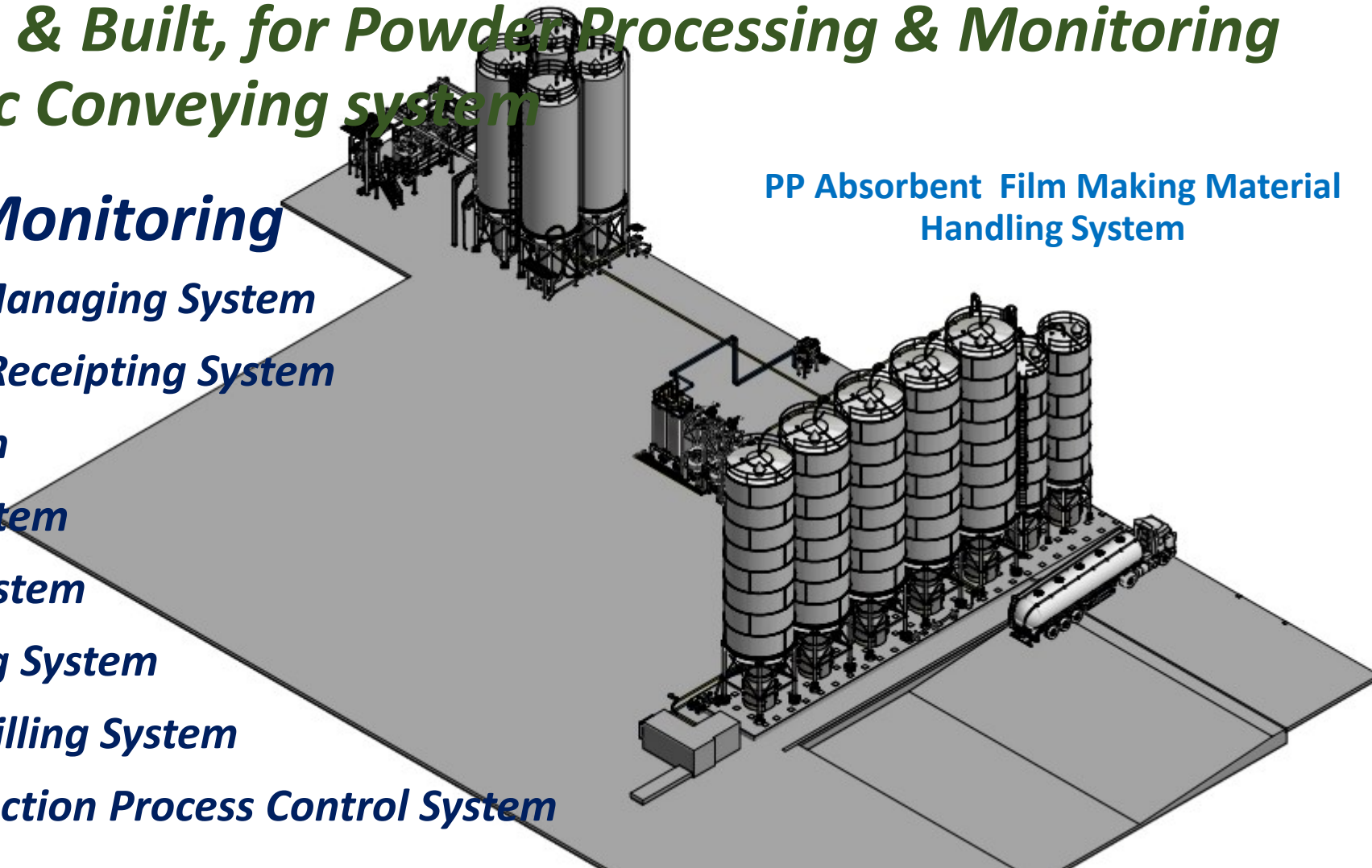
Extruding Material Handling System

Molding Raw Material Handling System

Pellet & Powder Material Bag Filling System

Pellet & Powder Material Production Process Control System

PP Absorbent Film Making Material Handling System



Pneumatic Conveying System

Silo Loading & Unloading System

Bulk Truck Loading & Unloading System

Big Bag & Small Bag Unloading System

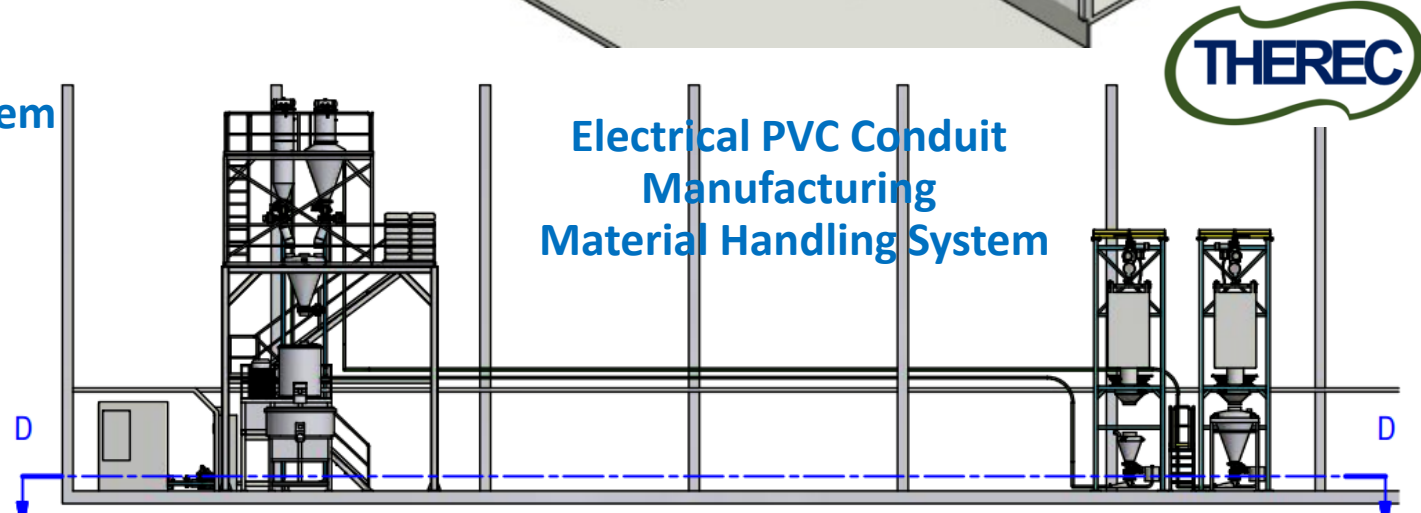
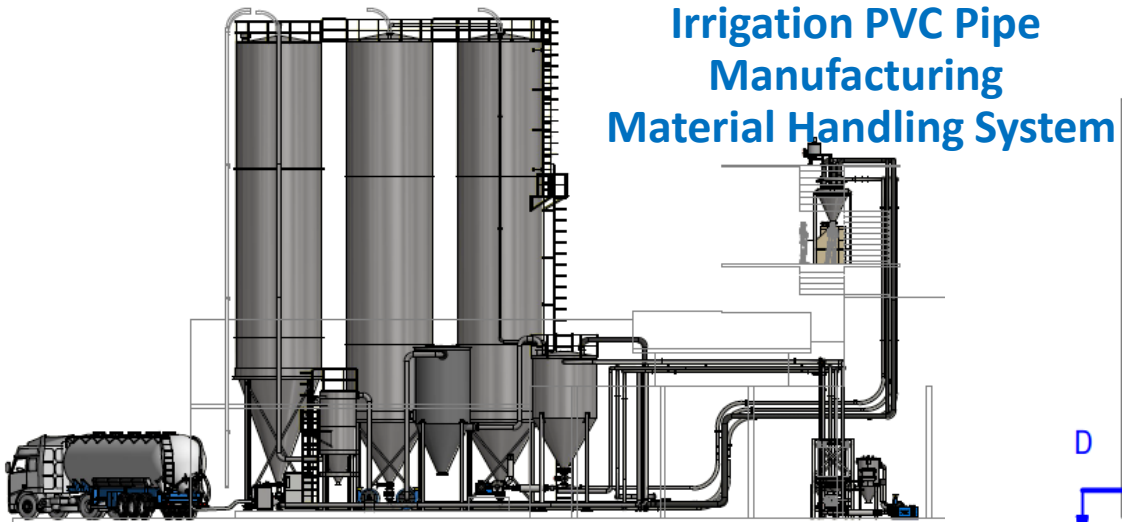
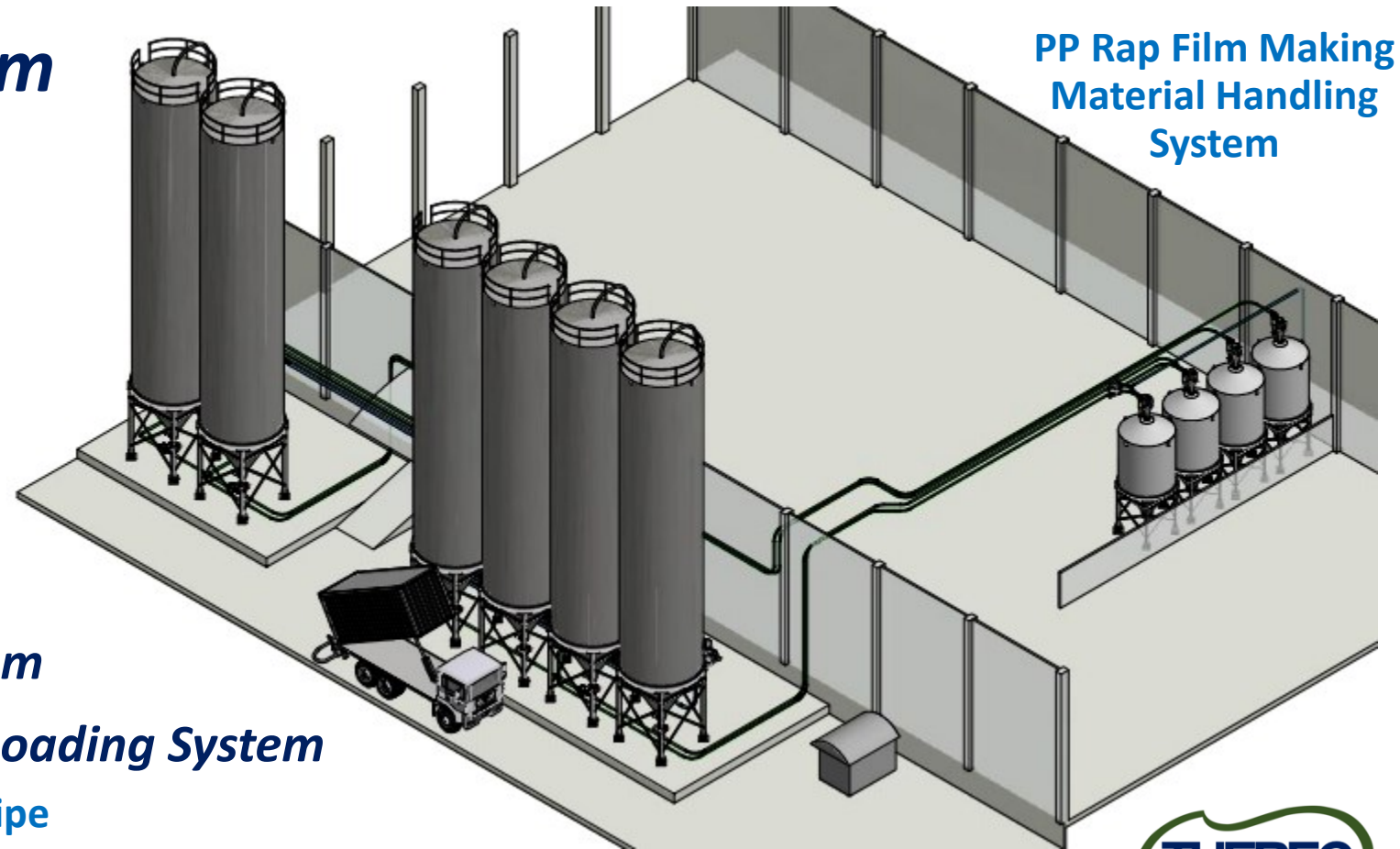
Mixer Loading & Unloading System

Tote Bin Loading & Unloading System

Extruder Loading System

Packing & Filling Machine Loading System

Production Line & Production Machine Loading System



Plastic Powder & Pellet Handling Equipment Maker & Importer for

Plastic Bulk Truck Unloading / Container Unloading / Big Bag & Small Bag Unloading

Plastic Sea Bulk Loading / Container Loading / Bulk Truck Loading / Big Bag Filling & Weighting

Plastic Tank & Silo Loading, Unloading and Weighting

Plastic Manufacturing Process, Powder & Pellet Pneumatic Conveying & Weighting



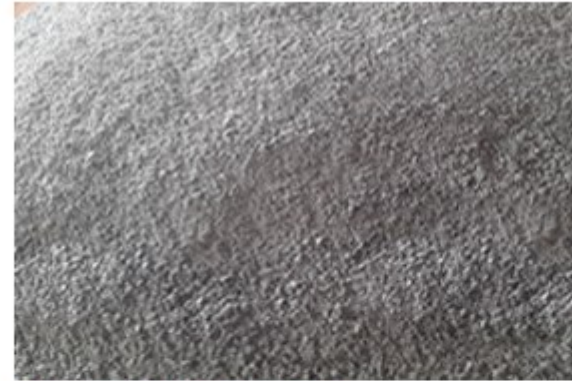
Plastic Powder & Pellet Handling Machine & Component Maker

Silos / Tank / Hopper / IBC Bin / Receiver /Dumper / Bag Filter / Cyclone

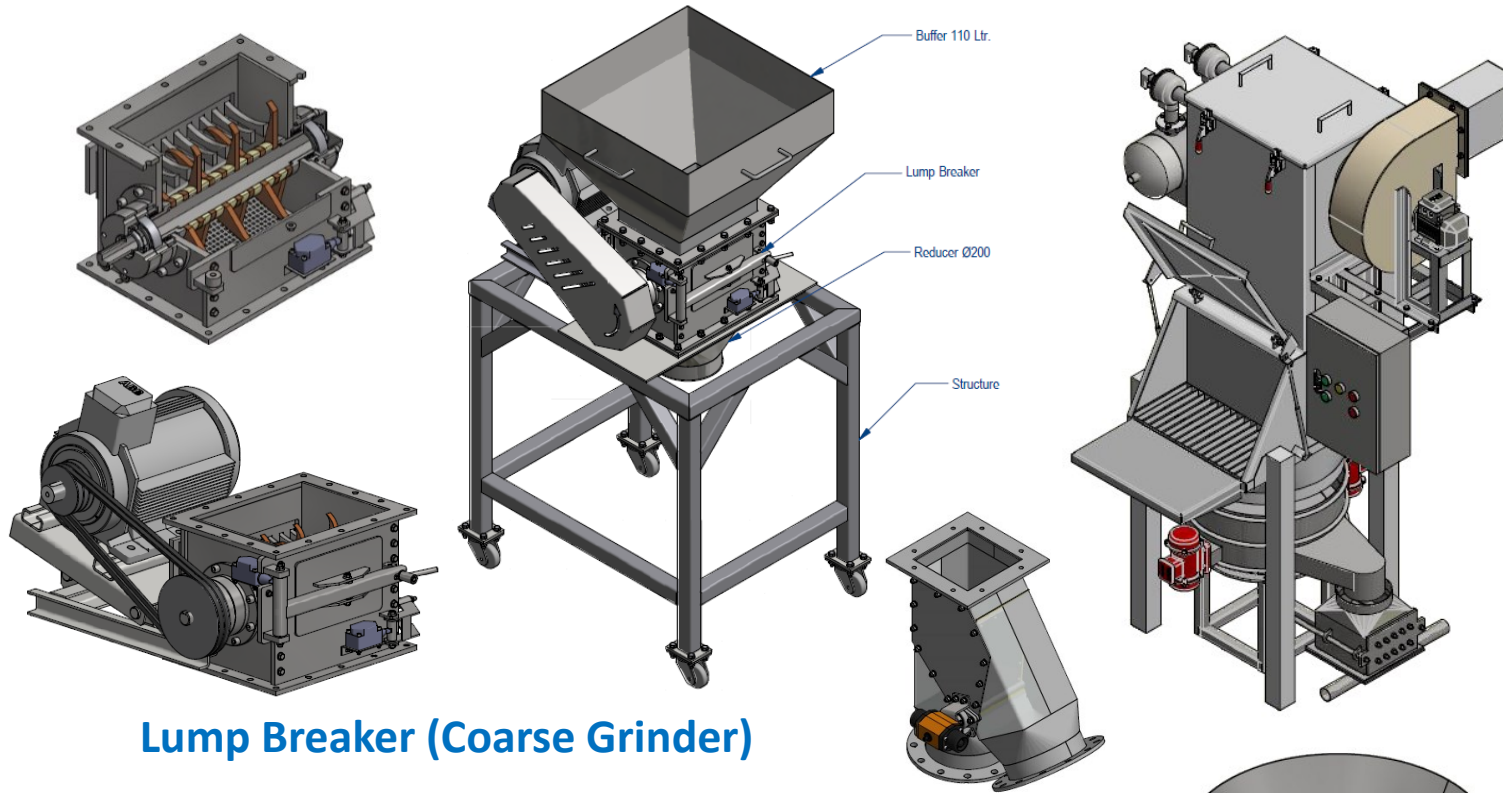
Big Bag Unloading Station / 25 kg Bag Dumping Station / Tote Bin (INC BIN) Unloading Station

Big Bag Filling Machine / 25 kg Bag Filling Machine / Process Weighting Station

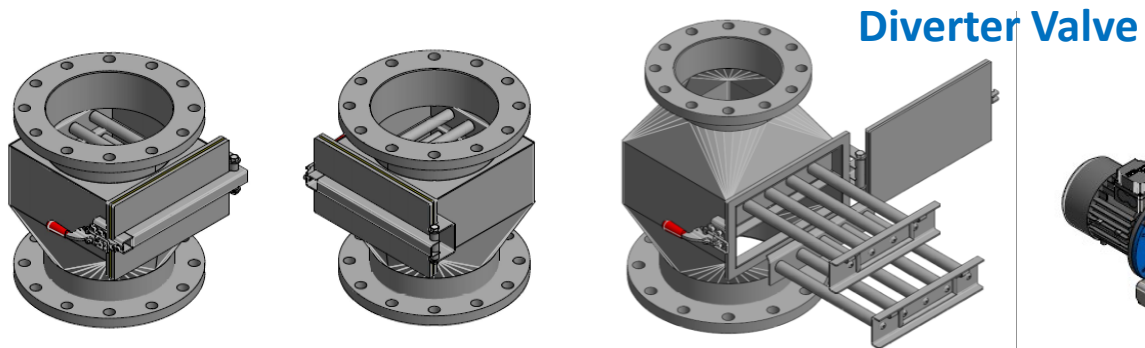
Pneumatic Conveying Component, Rotary Valve / Diverter Valve / Lump Breaker / Blower Package



Powder Handling Machine & Component



Lump Breaker (Coarse Grinder)

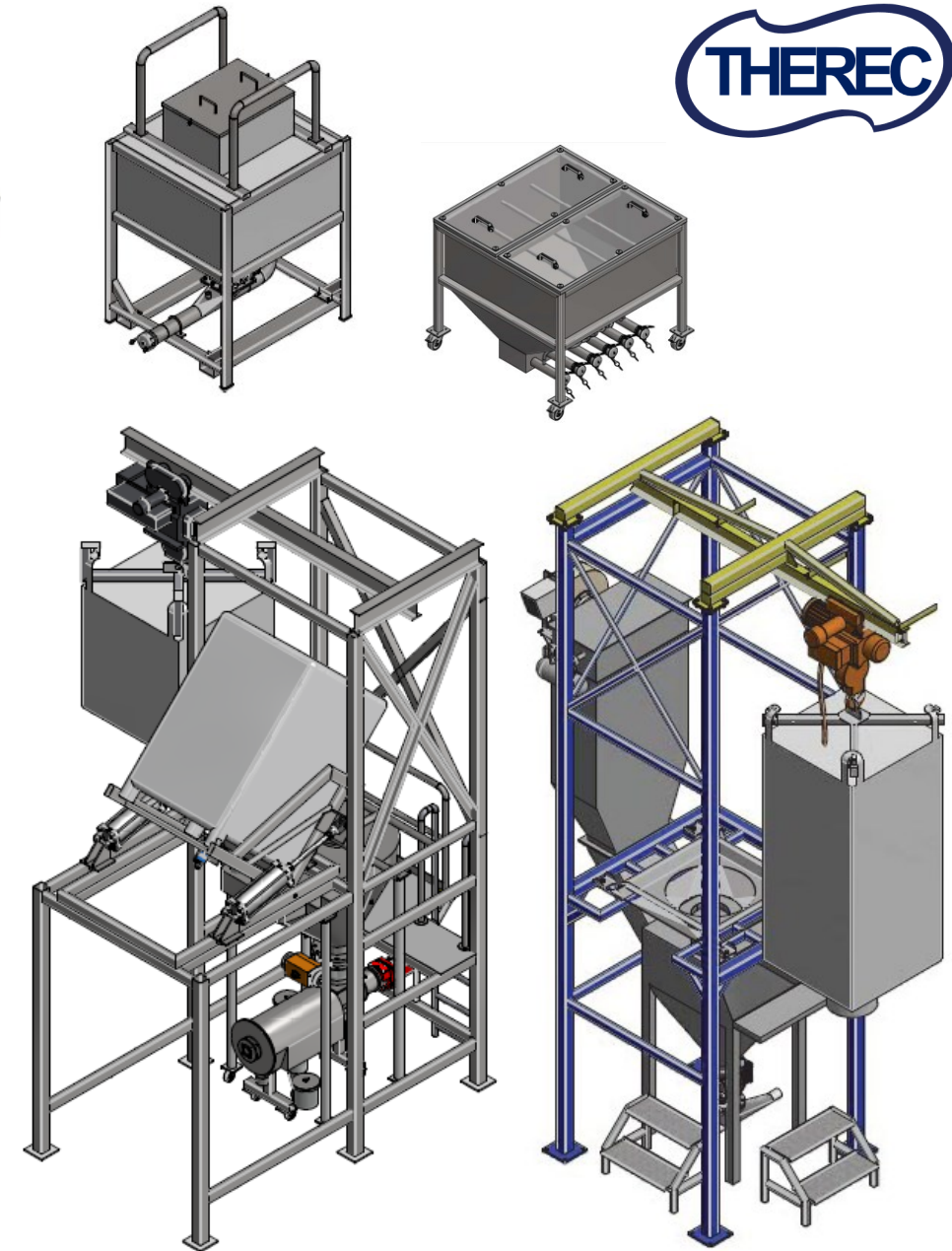


Magnetic Separator

Diverter Valve

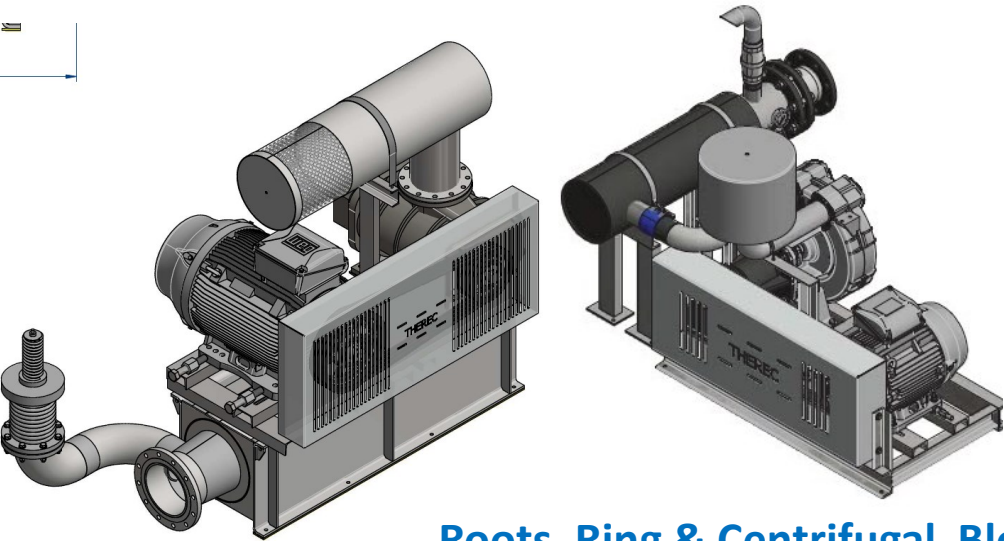


Bridge Breaker

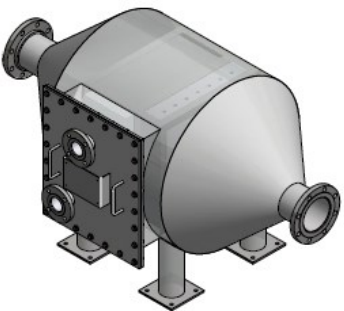
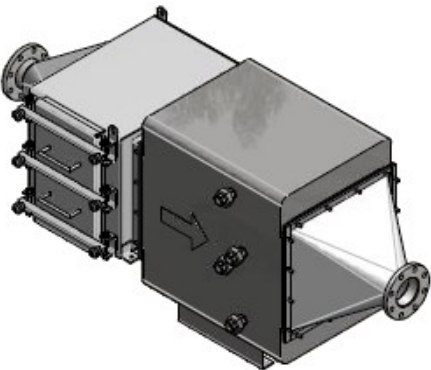
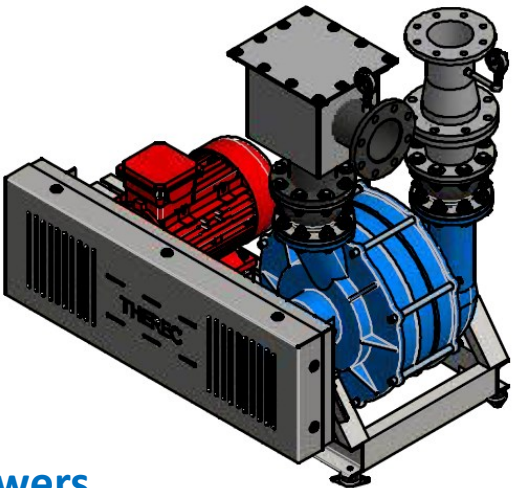


Bag & Bin Unloading Station

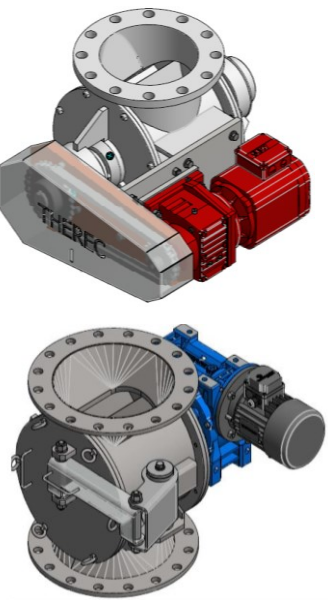
Pneumatic Conveying Machine & Component



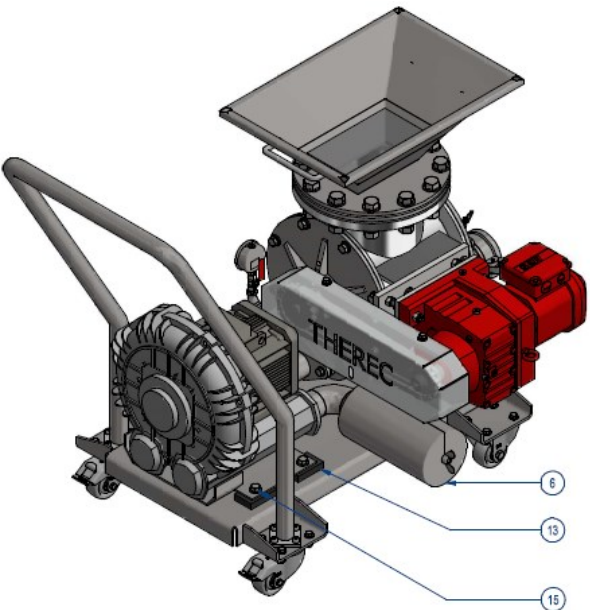
Roots, Ring & Centrifugal Blowers



Air Cooler, Filter & Dryer

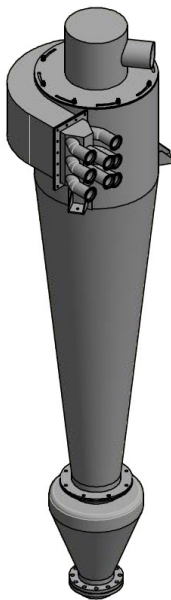
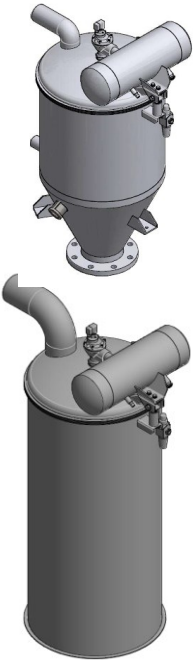


Air Lock Rotary Valve



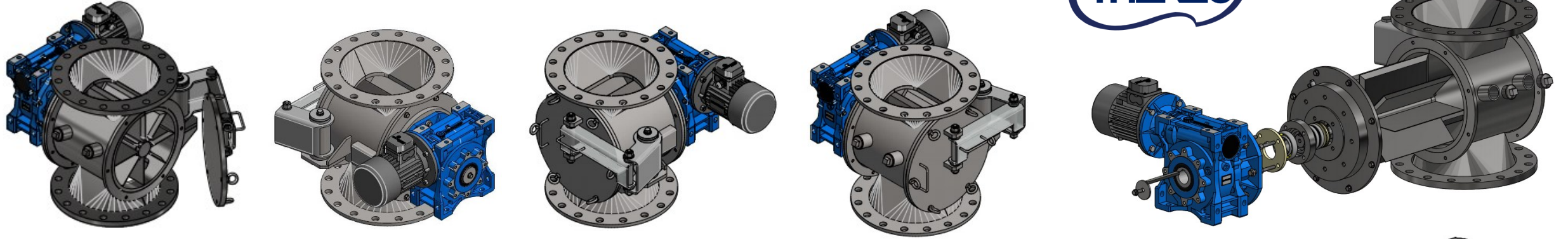
Diverter Valve

Tube, Bend, Ejector & Coupling



Bag Filter & Cyclone

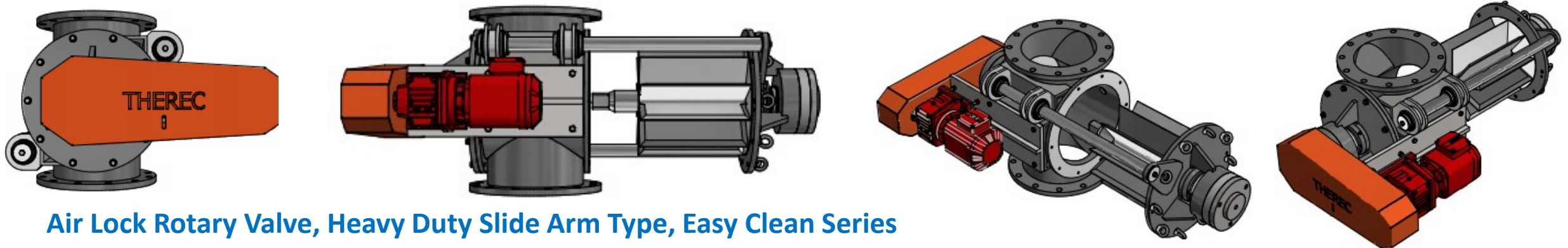
Food Grade Easy Clean Rotary valve



Air Lock Rotary Valve, Compact Type, Easy Clean Series

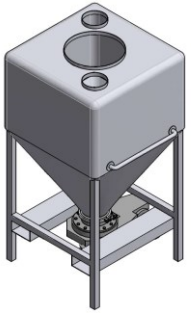
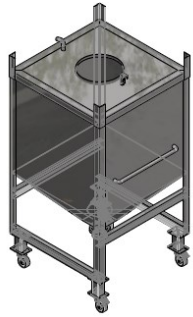


Air Lock Rotary Valve, Compact Dosing & Weighting Type, Easy Clean Series



Air Lock Rotary Valve, Heavy Duty Slide Arm Type, Easy Clean Series

Powder and Bulk Material Hopper Bin & Silo



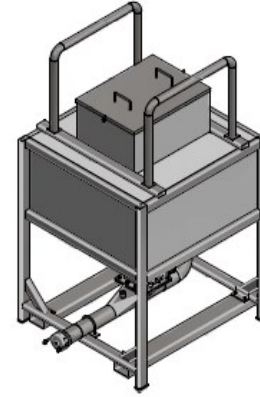
Tote Bin



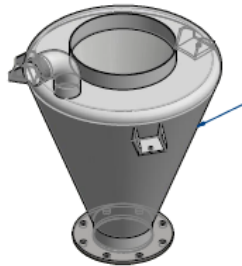
Storage Bin



Mobile Storage Bin



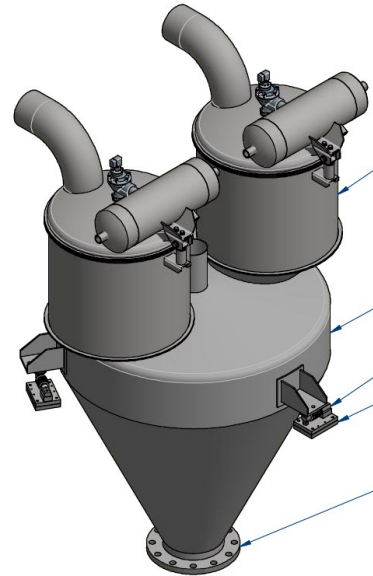
Dumping Bin



Surge Hopper



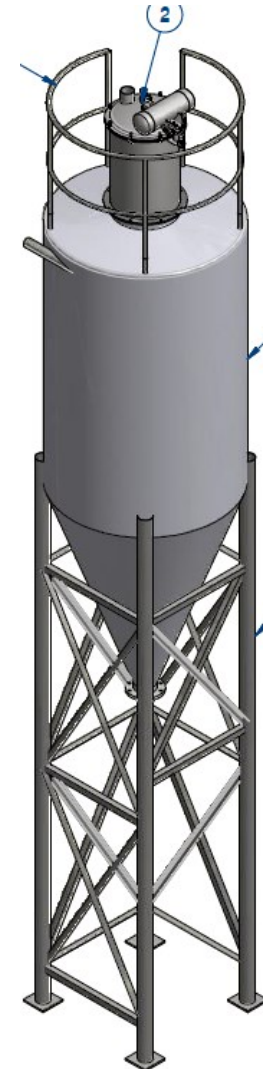
Weighting Hopper



Receiving Hopper



Storage Hopper



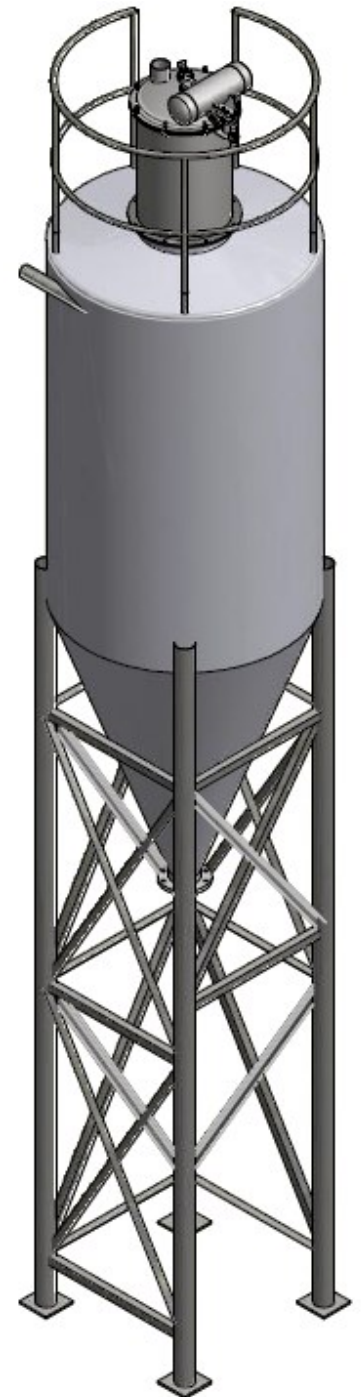
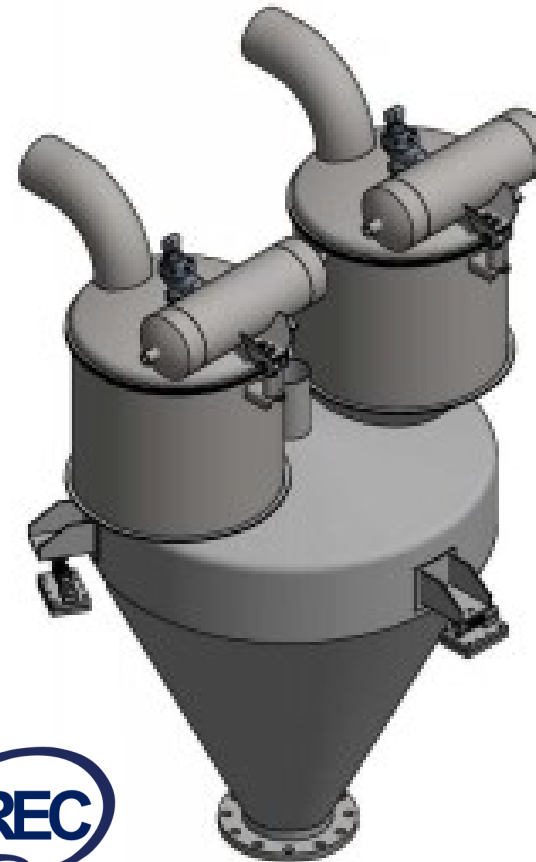
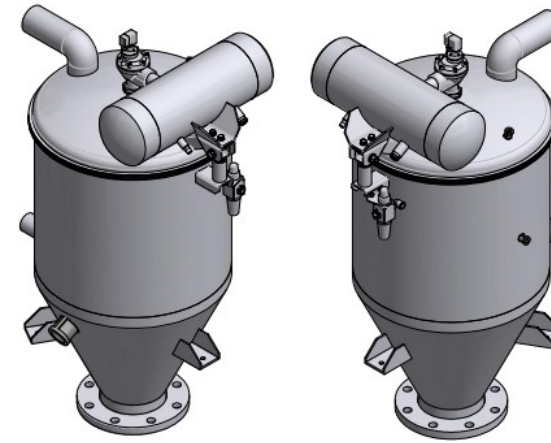
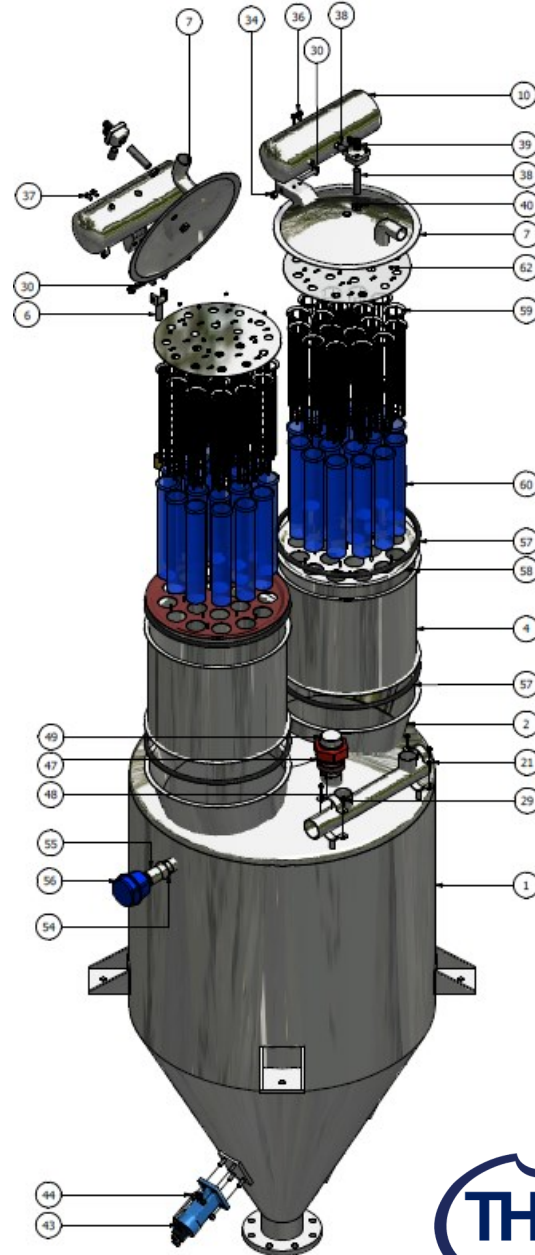
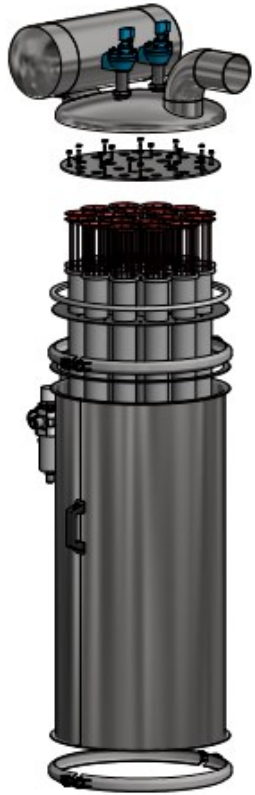
Buffer Silo



Main Storage Silo

Food Grade Easy Clean Bag Filter

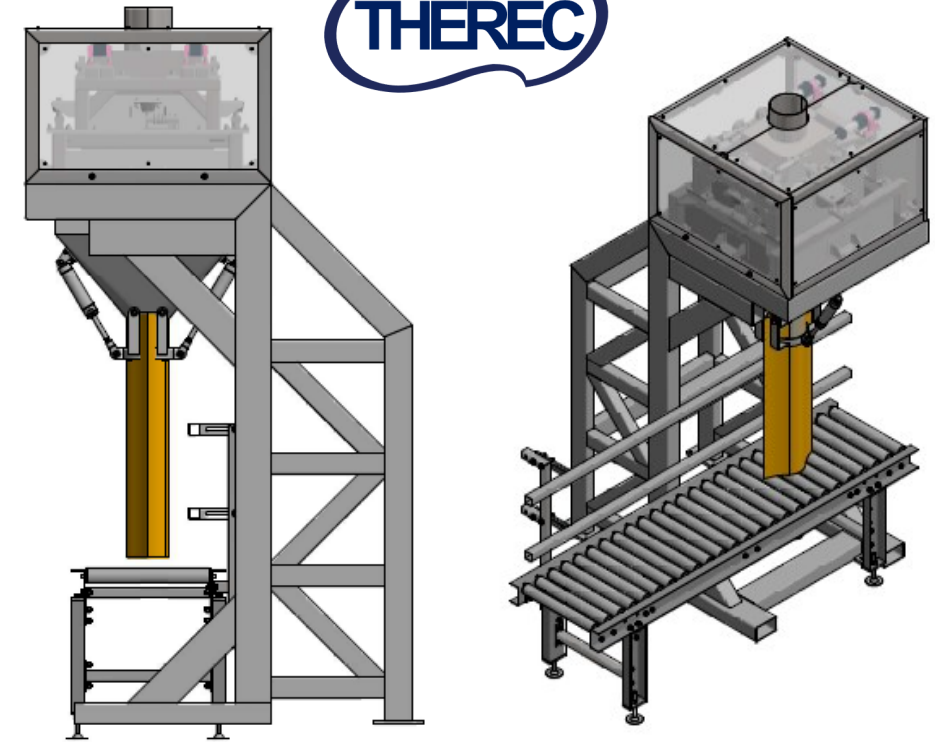
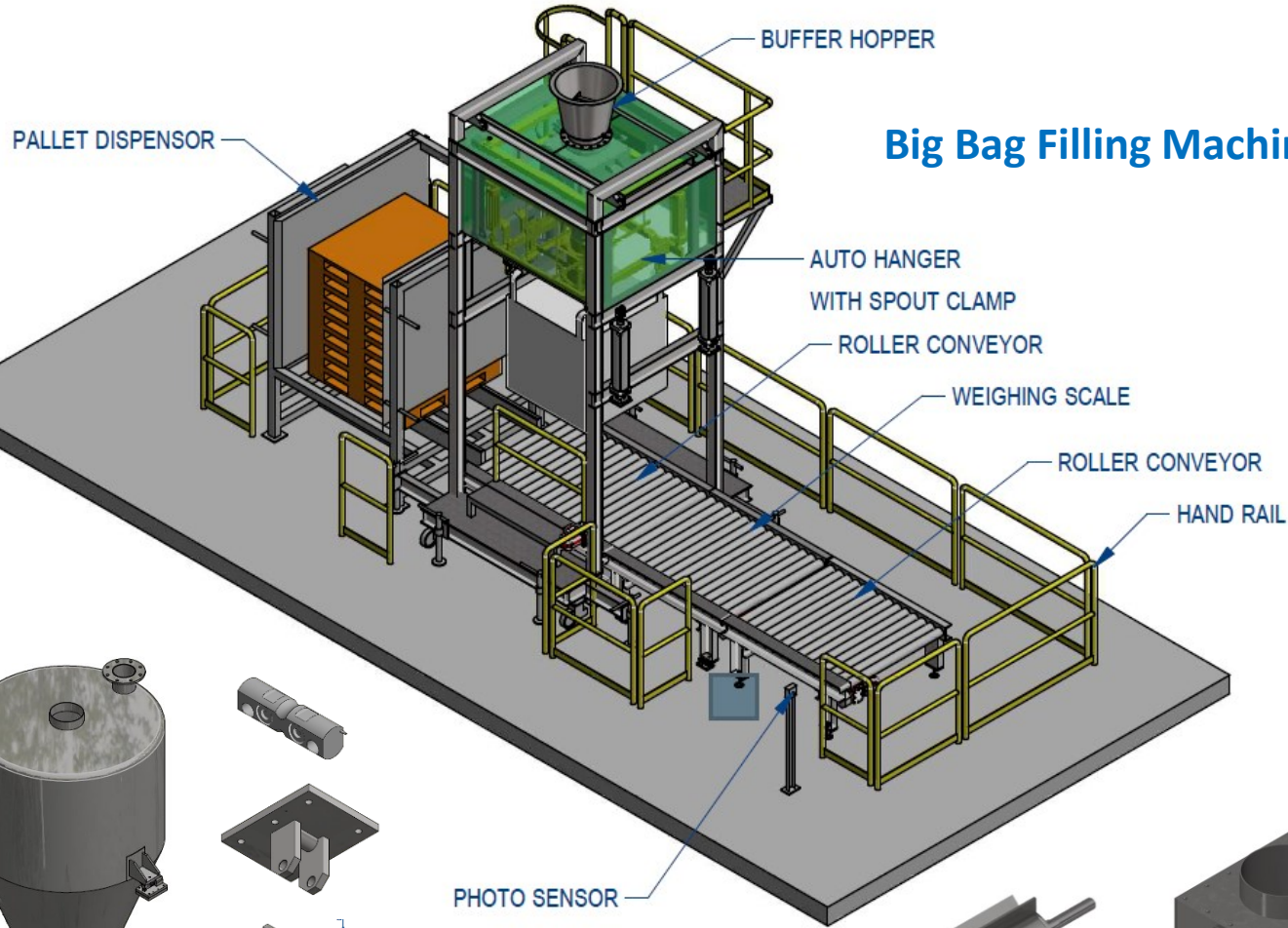
- Easy Detachable Structure
- Round & Compact Filter
- Clean Easier by Jet Pulse
- Strong Robust Round Body
- Deep Vacuum Operation
- Light Weight
- Food Grade Design
- Polished Internal Surface
- Quick Clamping System



Filling & Weighting Machine & Component



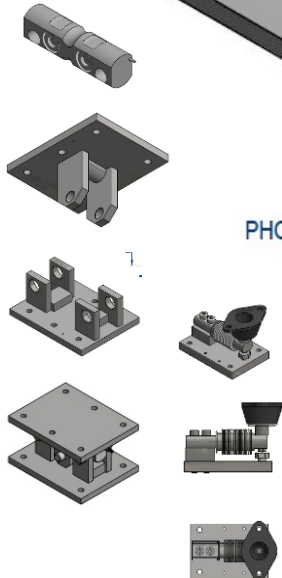
Big Bag Filling Machine



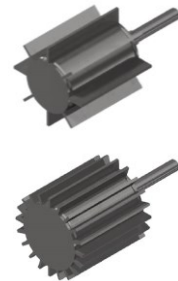
25 kg Bag Filling Machine



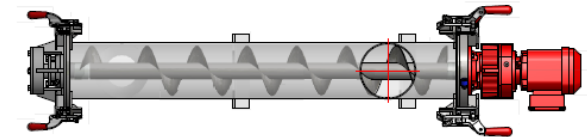
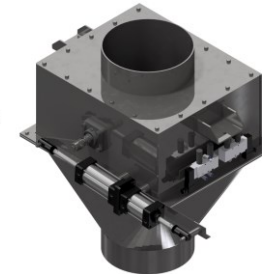
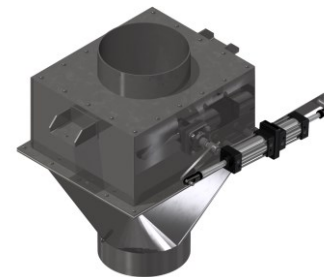
Weighting Hopper & Load Cell



Dosing Rotary Valve

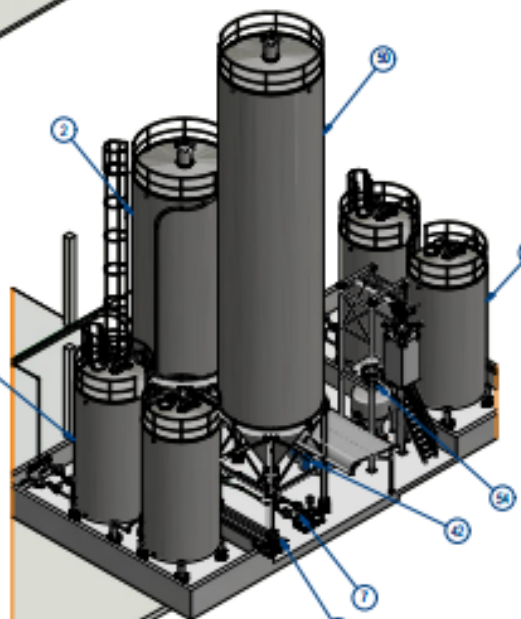


Cut-Off Valve



Dosing Screw Conveyor

Weighting & Dosing Equipment



Rev.	Rev. Description	Date	By	Approve	

The information contained in this document is not in the responsibility of THEREC Group. Until Receiving Purchase Order and Recheck form THEREC Group.

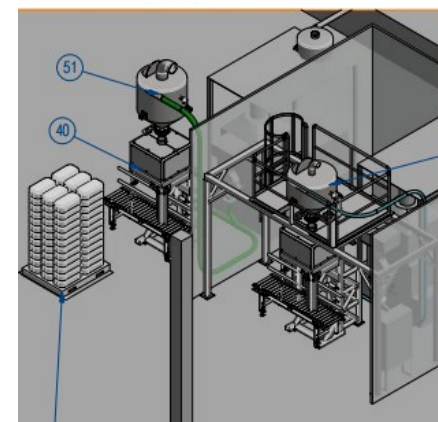


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Design	Somrat C.	Material :	Finish :
Date	22-Feb-22	DRAWING TITLE Overview Drawing_for Mixer 4 & Extruder 2	
Checked	Michael T.		
Date	22-Feb-22		
Scale	Unit : mm	DRAWING NUMBER : A3-22-Hydris-PCS-A05-1-Protein	

Detail F(1 : 150)

This 3D exploded view illustrates the assembly of a chemical plant. The main structure consists of a large rectangular vessel (11) supported by a metal frame (14). Above this vessel, there are two sets of cylindrical tanks (15) mounted on a platform (16). A complex network of pipes (17) and valves (18) connects these tanks to the main vessel and to each other. A staircase (19) provides access to the upper platform. The entire assembly is situated on a concrete base (20). A smaller, separate unit (21) is shown below the main structure, connected by a pipe (22). A final component (24) is shown at the bottom left, likely a pump or motor, connected to the main system.

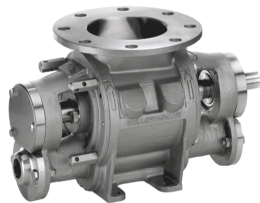


Imported Represented Product



ROOTS

IR Ingersoll Rand



MORRIS
COUPLING COMPANY



DMN
WESTINGHOUSE



MIX S.r.l.
MIXING SYSTEMS AND
COMPONENTS FOR PLANTS



FPZ
BLOWER TECHNOLOGY

ATEX



SODECA

Explosive atmospheres ATEX



CHSUN



FineTek
Innovation · Quality · Sharing



FineTek
Innovation · Quality · Sharing



mütec
Instruments



SAVIO S.r.l.
AIR TECHNOLOGY

ATEX



VOLKMANN
IDEAS AHEAD



Thames Side

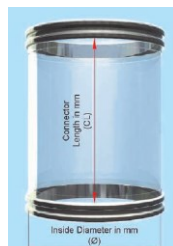


stif

VIGILEX



ATex
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BFM
fitting
"Keeping You Connected"



QUALITY HOSES
FOR OVER 65 YEARS



FLEXAUST
Flexible Hose • Ducting • Accessories



The 30th Year of
Solution & Service



-1997 Start the journey of being the official distributor of **Dresser Holmes Roots UK** the original Roots blower

-1999 Being Distributor of **DMN Westinghouse / Netherland** Rotary & Diverter valve
-First Pneumatic Conveying Project
First Bulk Bag unloading station in-house design and made For Sugar / syrup making
Dutched Mill Co.,Ltd.



-2002 First TRC Diverter valve in-house design and made For pneumatic handling system
Thai Wah Food Co.,Ltd.

-2004 First food grade stainless steel silo for milk powder
Diry Plus Co.,Ltd.



-1993 Starting of **Siam Complex Technology Co.,Ltd.**
Stainless steel piping contractor & Food processing Company

-1996 Established year of TRC Imported High Pressure Blowers Sales & Service Company
Therac Corporation Ltd.

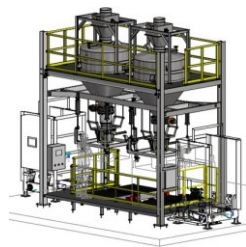
-1998 Start to be the distributor of **Young Industry Inc. USA**
Bulk material Handling Turn-Key company
-Start our own work shop to do The Blower Package locally
Only imported the bare shaft unit from USA

-2000 First TRC rotary valve for pneumatic conveying system in-house design and made
BKK Waste Water Treatment Plant / Dindeang



-2005 The first Central Vacuum Cleaning System, by THEREC in-house design and made
Siam Yamato Co., Ltd

-2007 New work shop in Bangbon Machining and Fabrication shop Machine Service Center
-Start to work as the distributor of **J&D Silo / Netherland**
For plastic pellet Aluminium Silo



-2015 First Automatic High Speed Big Bag Filling machine Design and Made By THEREC
TPE / SCG Plastic group

-2013 Start TRE work shop For Bulky Structure in Nikompatana Rayong
-First project sales of **J&D Silo / Netherland**
For plastic pellet Aluminium Silo
4 units of 200 m3 Stand-Riv Silos



-2024 Get the good start of success to get the project abroad in Laos, Vietnam and New Zealand

-2020 Starting to focus on design and built process turn-key business
With nearly all of the equipment and machine import and produce by our companies / Serious Trying to looking for the opportunity to expand the market abroad

-2019 The first Sea bulk loading system, for PE pellet Oversea Turn-key project
Petron / Philippine



-2014 Separate the fabricate section of TRE to be new company For Stainless steel work / Hopper & Silo
Start TRT work shop in Nontaburi
TRT Factory Co.,Ltd.



-2012 Separate the project department to be new company
Therac Engineering Co.,Ltd.

-2008 The first Sea bulk loading system, for PE pellet in-house design and made
TPE / SCG Plastic group

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