

应用领域:

用于挤出机或其他塑料加工机械的供料，或者给料斗、料仓等存储设备供料。特别适合于输送粉料，或者含有部分粉料的颗粒料或片状料。可以单机使用，也可以同其他设备构成一体化的输送系统。

Field of application

Universal unit for automatic feeding of extruders, processing machines, hoppers and storage silos. Handles powders, pellets or granulated/ flaked products with some powder content. Large filter surface area specifically designed for powdery products. Use as stand-alone unit or integrate into complete feeding systems.

特点:

- 高效的布袋过滤器和压缩空气反吹布袋清理系统
- 过滤单元可作为整体拆卸,使得布袋维修更换和物料更换更方便
- 接触物料的部件都是不锈钢材料
- 翻板式排料阀作为排料装置，并配置了位置信号发射器
- 料位开关安装在真空料斗上，用于控制循环批次上料
- 维修过滤元件更容易
- 管道和接线在出厂时都已经连接好
- 电控系统
- 大的过滤面积特别适合粉料使用
- 加大的排料口
- 使用温度: -10℃ 到 +80℃

Design characteristics

- High efficiency hose filter with reverse-jet cleaning
- Filter plate/filters removed in one piece for easy product changes
- Product-contacted parts of stainless steel
- Flap discharge valve with position signal transmitter
- Level switch installed in vacuum hopper for control of batch loading cycle
- Easy access for servicing the filter elements
- Pre-piped and pre-wired ready for operation
- Electronic control system
- Large filter surface area
- Large outlet diameter
- Temperature range: -10℃ up to +80℃

特别设计:

- 安装在机体上的裙式排气过滤布袋，用于过滤并排出含尘的气体
- 特殊的过滤材料和滤料表面处理
- 对于粘性物质的辅助卸料
- 安装了旁路装置使负压风机可以连续运转
- 加入集中控制系统，可以使用一个负压风机带动多个吸料机

Special Design

- Integrated skirt filter hose for ventilation of dusty air
- Special filter materials and surface treatments
- Discharge aids for sticky products
- By-pass for continues working of vacuum pump
- Master control unit: control of multiple universal hopper loaders with one vacuum pump



真空吸料机 VLG Powder Vacuum Hopper Loader VLG



苏州麦科威化工设备有限公司
MECHWELL CHEMICAL MACHINERY CO.,LTD.



苏州麦科威化工设备有限公司
Mechwell Chemical Machinery Co.,Ltd

公司简介 Company introduction

麦科威公司致力于为塑料行业，化工及石化行业提供散装物料的处理系统及其相关的机械和部件。对物料特性的掌握和对物料处理工艺过程的全面了解是我们的长处。我们善于解决物料在输送、储存、称重计量、混合以及过筛过程中存在的问题并提供最佳的解决方案和整体项目规划，并最终建设一个依据客户需求量体裁衣的交钥匙工程。

凭借多年积累的全面经验和孜孜以求的创新理念，我们为市场提供高质量和高技术含量的产品。我们不但拥有机械制造的能工巧匠，也具备现代化的制造方法，这些正是精密产品的有力保证。

本公司目前生产下列产品:

- 塑料高速混合机和冷却混合机，最大到1600升高混和5000升冷混。
- 卧式双螺带混合机，最大到6000升
- 梨刀混合机，最大到6000升
- 电脑控制的自动配料混料系统
- 全自动配料、混料和气力输送系统
- 用于气力输送的部件包括旋转阀，换向阀，插板阀和除尘过滤器
- 用于粉料和粒料的气力输送系统
- 用于粉料和粒料的振动筛，振动流化床冷却/干燥机
- 用于粉料和粒料的真空吸料机，最大输送量到5000公斤/小时
- 用于粉料和粒料的螺旋输送机，最大螺杆直径到500毫米
- 用于粉料和粒料的管链输送机，最大产量到50m³/小时

Mechwell focus on building bulk solid handling plant and supplying related machines and fabricated parts to plastic, chemical and petrochemical industry.

Our long suits are the best understanding of bulk material properties and the handling process. We are good at solving problems which exist in bulk solid conveying, storage, weighing, mixing and screening. Meanwhile, offering optimal solutions and proposals of the whole project. Eventually, Mechwell will provide you with an ideal project which acts according to your demands.

With comprehensive experience, creative and innovative emotion, Mechwell uses high technology and develops high-quality products for the market. Highly qualified and skilled workers、modern producing methods ensure that Mechwell has precise products and flexible systems.

We provide below machines and plants to domestic and international market:

- High speed mixer and cooling mixer unit, capacity up to 1600 liters for hot mixer and 5000 liters for cooling mixer.
- Horizontal double speed blender, capacity up to 6000 liters
- Shovel & Chopper Blender
- Automatic batching and mixing plant for PVC
- Automatic dosing, weighing, mixing and pneumatic conveying plant.
- Components for pneumatic conveying such as Rotary valve, Diverter valve, slide gate valve and de-dusting & vent filters.
- Pneumatic conveying system for bulk solid material
- Vibration screen for powder & pellets, Vibration Fluid-bed Cooler/Dryer
- Vacuum loaders for powder & pellets, capacity up to 5000kg/h
- Screw conveyor for powder and pellets, maximum screw diameter500mm
- Tubular chain conveyor for powder and pellets, maximum capacity 50 cum/hr

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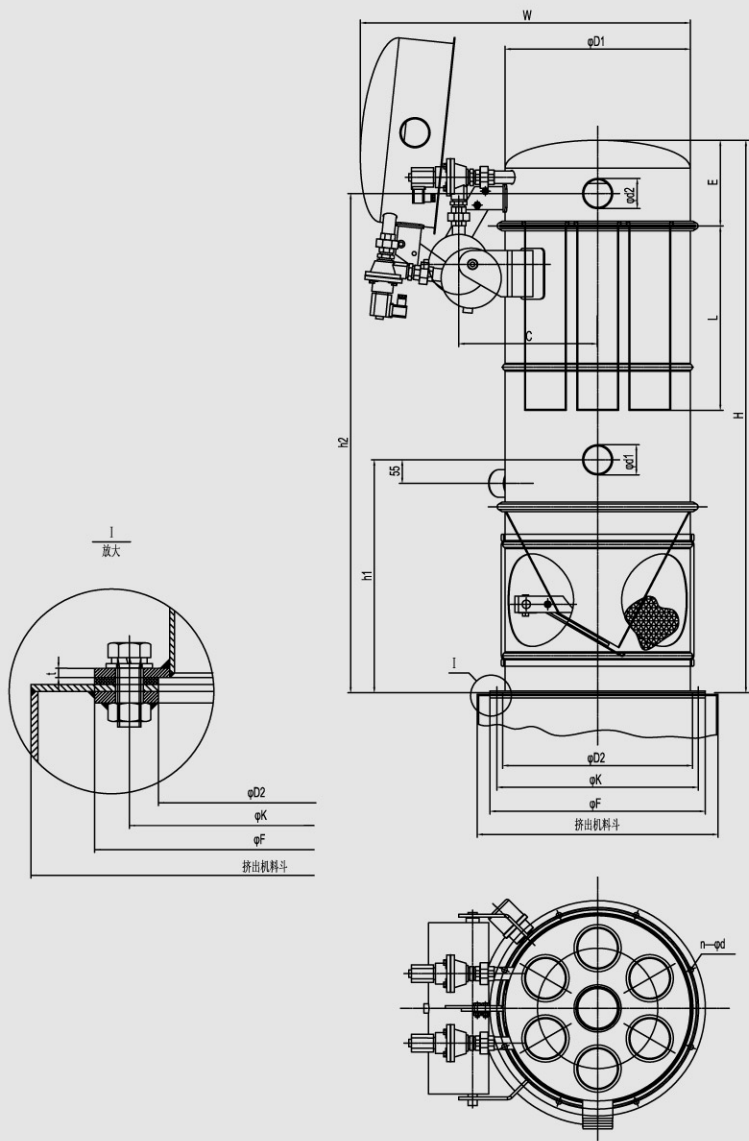
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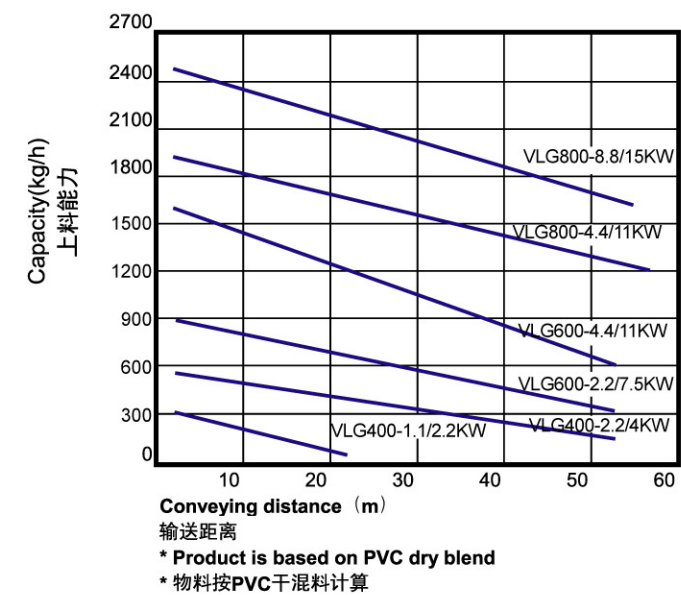




真空吸料机 VLG
Powder Vacuum Hopper Loader VLG



Capacity diagram (only for estimation)
产量图表 (估算)



安装在机体上的裙式排气
过滤布袋，用于过滤并排
出含尘的气体
Integrated skirt filter hose
for ventilation of dusty air



过滤单元可作为整体拆卸，
使得布袋维修更换和物料更
换更方便
Filter removed in one piece
for easy product discharge



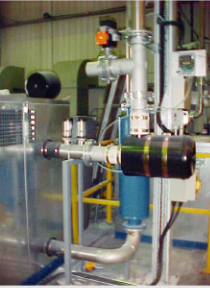
翻板式排料阀并配置了位置信号
发射器
Flap discharge valve with position
signal transmitter



料位开关安装在真空料斗上，用于控
制循环批次上料
Level switch installed in vacuum
hopper for control of batch loading
cycle

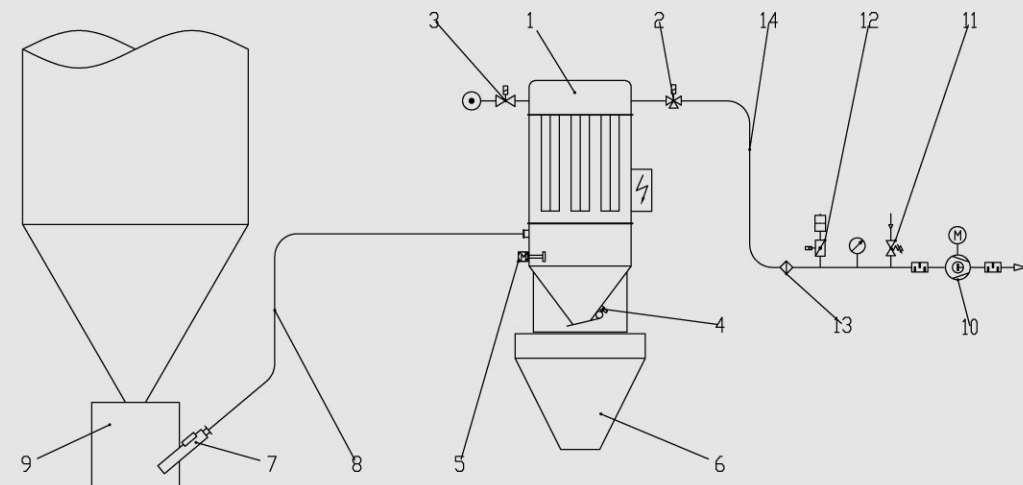
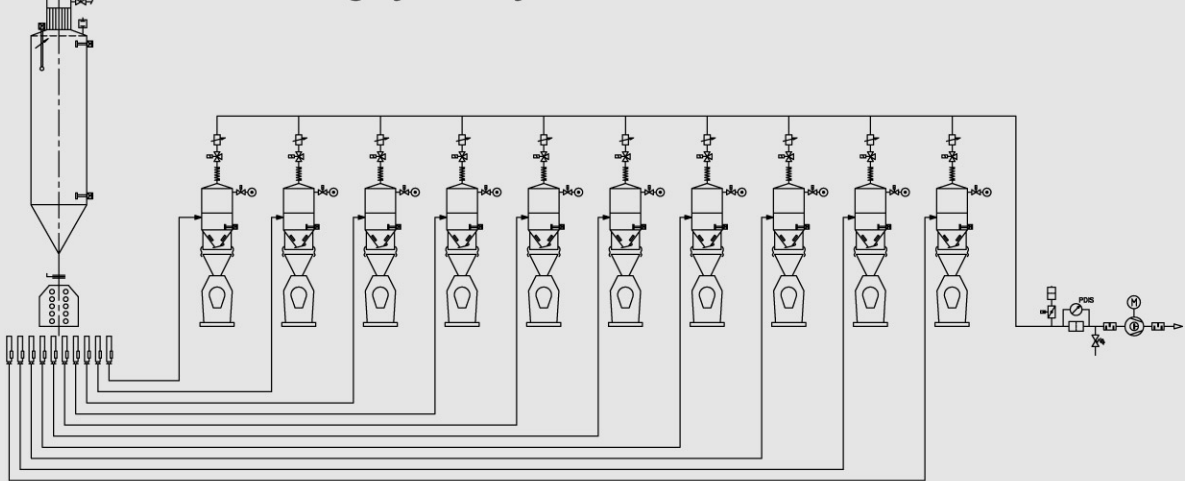


使用一个负压风机带动多个吸
料机
multiple universal hopper
loaders with one vacuum
pump



安装了旁路装置使负压风机可
以连续运转
By-pass for continues working
of vacuum pump

集中使用的VLG真空吸料机
Central feeding system by vacuum loader VLG



真空输送系统配置图

1. 真空料斗
2. 真空阀
3. 脉冲阀
4. 光电开关
5. 高位料位计
6. 接收料斗（挤出机料斗）
7. 吸料枪
8. 输送管道
9. 供料料仓
10. 负压风机
11. 安全阀
12. 旁路阀
13. 风机保护过滤器
14. 清洁空气管道

Configuration of a vacuum conveying system

1. vacuum hopper loader
2. vacuum valve
3. filter valves
4. low-level indicator
5. high-level indicator
6. dumping hopper (extruder hopper)
7. intake jet
8. conveying pipe
9. feed bin
10. vacuum blower
11. safety valve
12. by-pass valve
13. blower protection filter
14. clean air line

