

## 简介 INTRODUCTION

奥诗德中央供料系统采用真空传送方式，通过集中的管路系统将塑料原料从储料罐输送到中央除湿干燥系统，然后将干燥后的原料输送到每台成型机中，适用于大批量塑胶产品生产的集中监控管理。

该系统不仅实现了连续的生产作业，并且可以完全控制生产水平、多样化混合配色、多品种要求、灵活调配供料量与次料的有效回收利用。在精密控制的动作条件下，我们也提供了多层的保护与扩充功能，使客户的生产工作更安全可靠。

Utilizing the method of vacuum conveying, Orste Central Material Conveying System (OMCS) transports plastic materials from storage silos to the central dehumidifying & drying system through centralized piping, and then convey the dried material to each molding machine.

OMCS is suitable for the integrity of the material of huge capacity, eliminates waste and improves the cost effectiveness of the factory. OMCS not only presents the substantially auto-operation in production, but also controls the high standard of production, various dosing & mixing, or effective instant recycling which can mix regrind and new material flexibly. Offer you the most flexibility to easily be expanded or modified equipment as your business grows or changes. Besides, make sure your production safer and more reliable and keep the best working environment.

## 中央控制台 OMCS CONTROL STATION

操作介面与运转状态显示面板于一数字化，智能化的微电脑触控荧屏。

简单的人机对话，操作更方便。

由专人监控，亦可与PC连线。

微电脑触控式显示屏可控制每一个抽料点的供料时间、原料种类的选择及管路中残存料之抽空时间。

显示屏可清楚显示出机台、干燥筒、料筒之运转状态，如开关机、满料、缺料及原料、加料等。

最大可设定40组抽料点。

外形美观耐用，体积小。

Ideal design of integrating the monitoring panel and the control panel.

Friendly interface and accurate control.

Operating and monitoring by a single personnel and can be linked with a PC.

Conveying time, material types, and pipe cleaning time of each station are adjusted by the control station.

Displaying panel shows you how stations, dryers and storage silos work, such as on/off, full or lack of material, and material types of each station.

Extensive interface allows easy expansions up to 40 stations for future demands.

Compact and durable.



## 微电脑触控式显示屏

Microprocessor touch-style control panel

**运转状态:** 显示工作中的运转情况。

**设定状态:** 显示所设定的数值，如抽料站、原料类别、吸料时间及抽空时间等。

**异常:** 显示发生异常的机台及原料类别。

**Operating status:** Display the operating status of machines.

**Set-up status:** Display the set up status, such as working stations, material types, material conveying time, and pipe cleaning time.

**Abnormal:** Display abnormal machines and material type.

# 中央供料系统

“OMCS” Orste Central Material Conveying System

中央供料系统  
Central Conveying System

除湿干燥  
Drying & Dehumidifying

供料输送  
Feeding & Conveying

混合拌料  
Dosing & Mixing

冷热交换  
Heating & Cooling

粉碎回收  
Granulating & Recycling

## 中央供料电控箱 “OMCS” CONTROL UNIT

电控箱内部电气装置排列清晰有序，操作方便。  
超薄型贴壁设计占用空间小，不影响生产动线。

Ideal design of integrating the monitoring panel and control panel.  
User-friendly interface, Compact & Durable, Small space to make more productive use of factory floor space.



## 高压风机 HIGH-PRESSURE BLOWER

压力与风量皆可改变。  
输送距离可达150m。  
适用于大批量原料输送。

Pressure air adjustable.  
Maximum conveying distance can be 150 meters.  
Suitable for conveying the material of large capacity.

## 分歧站 MATERIAL SELECTOR

不锈钢制造，避免原料受污染；使用快速接头装置，安装快速，换料方便。  
Stainless steel made to avoid pollution of materials; Quick coupling devices for quick set-up or easy disconnected with pipes.



## 中央除尘组合：旋风集尘器 + 脉冲除尘器 Dust-removing Combination: Vortex Cylone & Pulse Dust Collector

有效收集原料经摩擦所产生的粉屑。  
双重保护高压风机的运转，只需定期更换滤清器，方便高效。  
结构符合气体物理特性，设计精巧。  
Collect dust from the conveying system efficiently.  
Double protections for high-pressure blower in operation. Easy to maintain: only to change the filter on time and clean conveniently.  
Dedicated and compact design.

### 截料阀 Material Cut-off Valve

不锈钢制品，设计精巧耐用。  
Material Cut-off Valve: Stainless steel made, durable device design.



### 截风阀 Air Cut-off Valve

不锈钢制品，设计精密可靠。  
Air Cut-off Valve: Stainless steel made, reliable device design.



### 配管接头 Compression Couples

用于管路连接处，不锈钢制品，有完全密封效果，可易于构建真空输送管路。

Compression Couples: Stainless steel made, connect pipes to construct the completely-closed central vacuum conveying system.



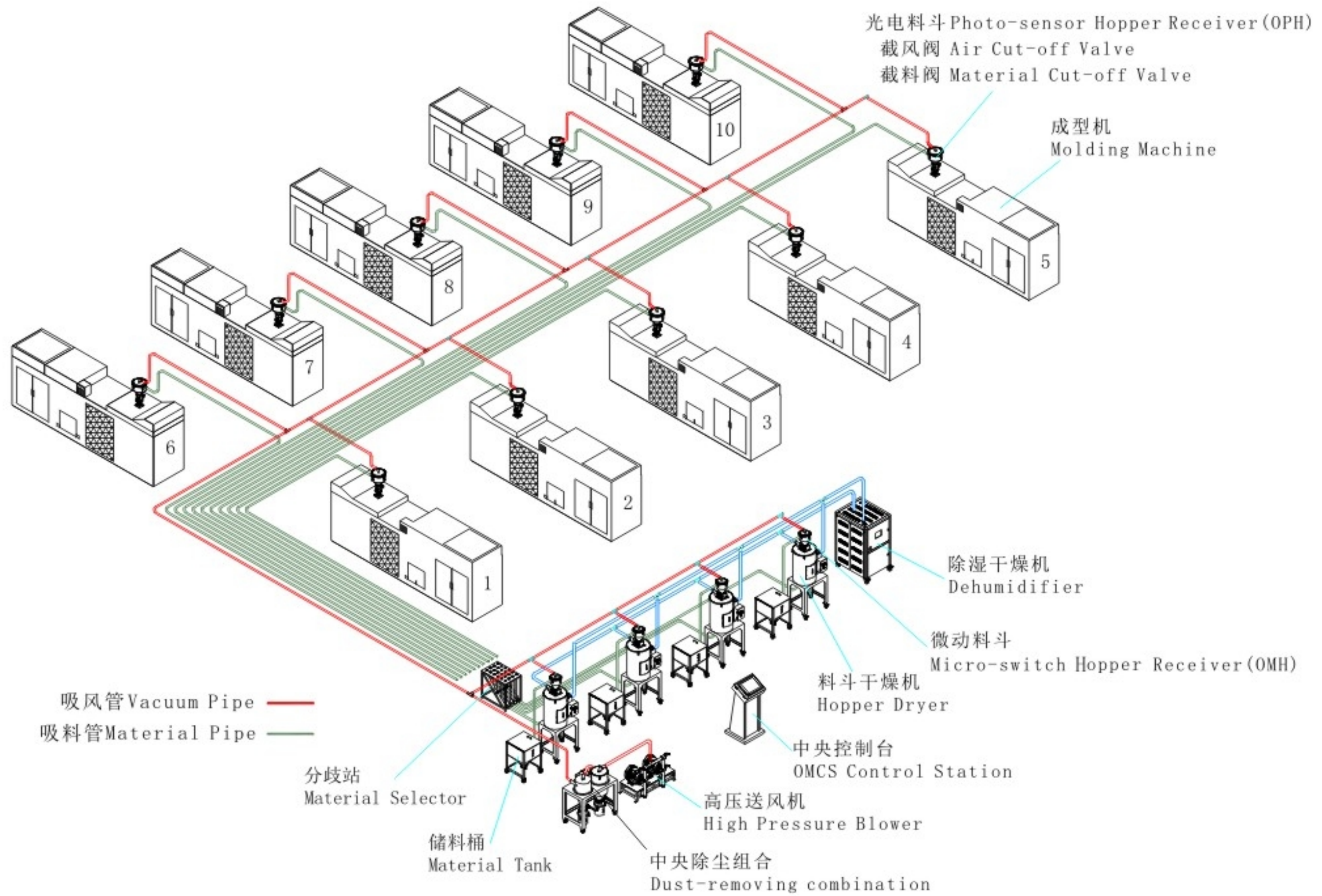
管道连接器 Pipeline connector

Y型三通 Y-type santong

管配接头 Compression Couples

T型三通 T-type santong

### · 中央供料系统示意图 ·



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除湿干燥  
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供料输送  
Feeding & Conveying

混合拌料  
Dosing & Mixing

冷热交换  
Heating & Cooling

粉碎回收  
Granulating & Recycling

# 中央供料系统

"OMCS" Orste Central Material Conveying System

## 工程案例 Project Case 1

中央供料系统  
Central Conveying System

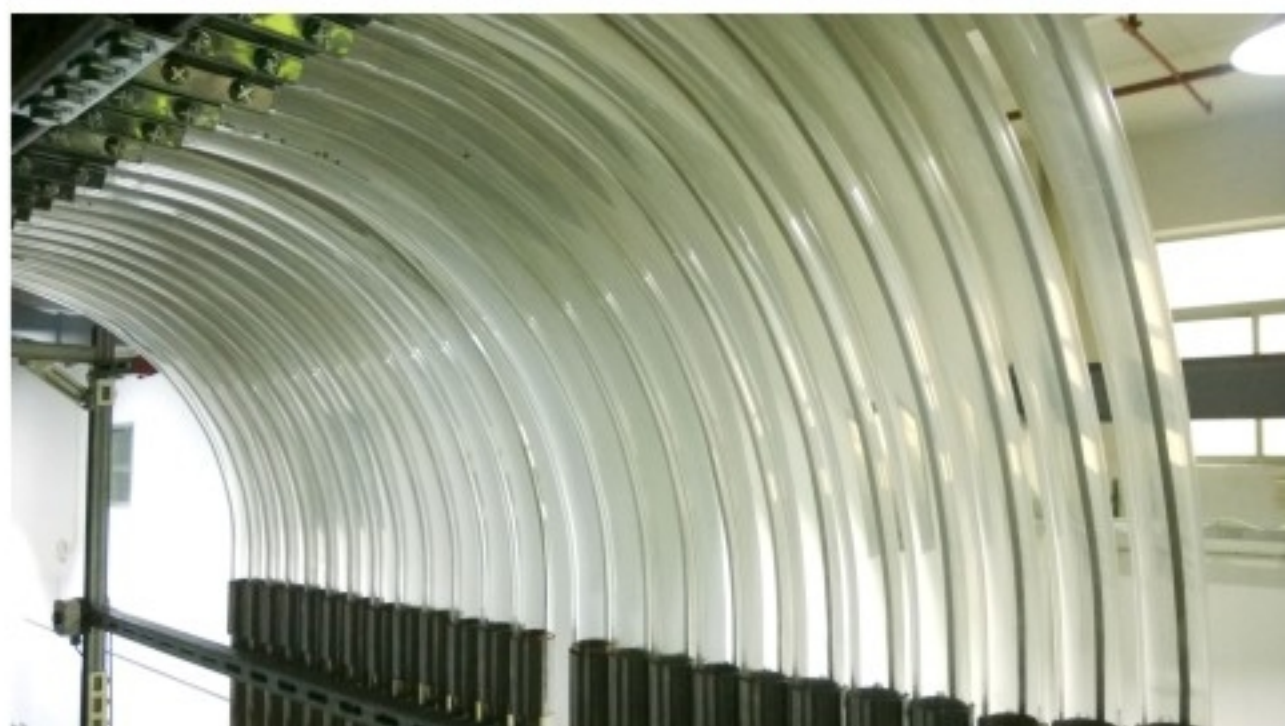
除湿干燥  
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工程案例 Project Case 2



Central Conveying System  
中央供料系统

Drying & Dehumidifying  
除湿干燥

Feeding & Conveying  
供料输送

Dosing & Mixing  
混合拌料

Heating & Cooling  
冷热交换

Granulating & Recycling  
粉碎回收

# 中央供料系统

"OMCS" Orste Central Material Conveying System

## 工程案例 Project Case 3

中央供料系统  
Central Conveying System

除湿干燥  
Drying & Dehumidifying



供料输送  
Feeding & Conveying



混合拌料  
Dosing & Mixing



冷热交换  
Heating & Cooling

粉碎回收  
Granulating & Recycling