

# 湖南旋风除尘器，长沙旋风除尘器设计制造，麦迪环保

产品名称	湖南旋风除尘器，长沙旋风除尘器设计制造，麦迪环保
公司名称	长沙麦迪环保设备有限公司
价格	12800.00/台
规格参数	麦迪环保:麦迪环保除尘与输送 XF:直径500-4200 湖南:长沙
公司地址	长沙市开福区车站北路919号湾居5、6、7栋805房
联系电话	0731-84625629 18075165919

## 产品详情

XFP-A/B -MD旋风除尘器

XFP-A/B-MD Cyclone Dust Collector

### 【概述Introduction】

旋风分离器是利用旋转的含尘气体所产生的离心力，将尘粒从气流中分离出来的一种气固分离装置，.旋风除尘器可捕集粒径为5 μ m以上的粉尘，阻力损失约580 ~ 1960Pa，除尘效率80% ~ 98%。它具有结构简单、制造安装容易和维护管理方便、造价和运行费用低、占地面积小等特点，主要用于高浓度粉尘的预除尘和物料分离与回收。按旋风除尘器的结构型式，可分为普通螺旋旋风除尘器(单筒、双筒、多筒)、外旁通旋风除尘器、双旋风除尘器和组合式旋风除尘器。该系列分离器广泛应用于建材、化工、制药、食品、环保等工业生产中。材质有碳钢、不锈钢等。

Cyclone separator is the use of rotating dust gas generated by the centrifugal force, the dust particles separated from the air of a gas-solid separation device, the cyclone can capture the dust particle size for more than 5 microns, the resistance loss of 580 ~ 1960 pa, the dust removal efficiency 80% ~ 90%. It has simple structure, easy to install and easy to maintenance and management, low cost and operation cost and cover an area of an area small, mainly used for the high concentration of dust, dust removal and material separation and recycling. According to the structure of the cyclone type, can be divided into ordinary spiral cyclone ( Single cylinder, double cylinder, cone ) , outside bypass cyclone, dual cyclone and combined type cyclone. This series of separator is widely used in building materials, chemical, pharmaceutical, food, environmental protection and other industrial production.

## 【工作原理 Working Principle】

当含尘气流以15-25m/s的速度由进气管进入旋风分离器时，气流将由直线运动变为圆周运动。旋转气流的绝大部分沿器壁自圆筒呈螺旋形向下沿锥体流动。含尘气体在旋转过程中产生离心力，将重度大于气体的尘粒甩向器壁，沿壁面下落到底部排出。

When the dust air at a speed of 15 to 25 m/s from the inlet pipe to cyclone separator, airflow by linear motion into circular motion. For the most part of rotating airflow along the wall since the cylinder spiral downward along the pyramidal flow. Dusty gases produced in the process of rotating centrifugal force, to severe than gas dust particles to the wall, along the wall down to the bottom. Material is carbon steel, stainless steel, etc.