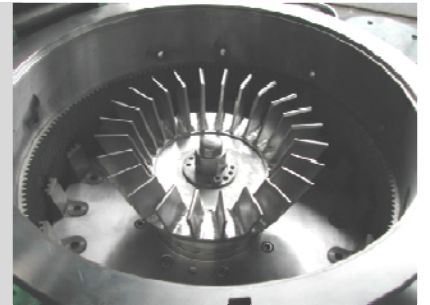


Air Classifying Mill

Specially developed for grinding down to micrometer range,
this can be done to easy cleaning and handling with good operating.



Our grinding technology

meets your needs

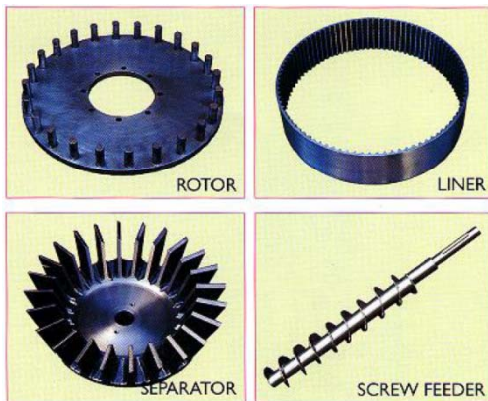
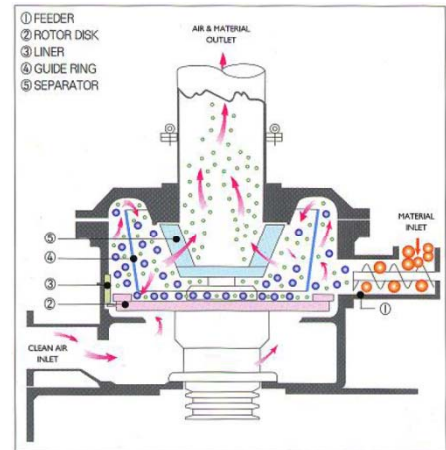
Air Classifying Mill

Introduction

ACM Pulverizer는 air separator를 내장한 특수 미분쇄기로서 저용점의 원료(분체도료, 각종수지, 농약, 안료, 고무약품, 식품 등)에 폭넓게 사용되고 있다. 분쇄실 구조를 선택 사용할 수 있어 과분쇄를 막아 분쇄효율이 높으며 분쇄실과 연결된 분급기는 회전수를 조절 함으로써 제품의 입도를 쉽게 조절할 수 있다.

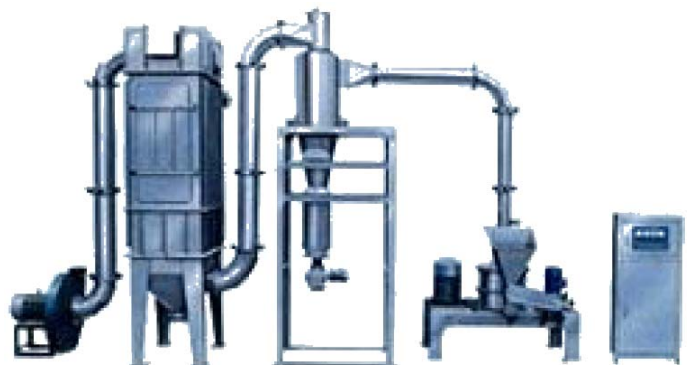
또한 표준모델은 AL type은 저소음(85dB이하), 저발열이 특징이며 EC type은 청소 및 보수에 보다 용이한 구조로 설계 되어 보다 안정적인 구조와 ACM의 특성을 보강하여 분쇄 & 입도조절의 획기적인 개선 및 처리량 증대를 실현 하였다.

ACM consists of an air separator as a special type of pulverizer. It is suitable for heat sensitive material (i.e powder coatings, resins, agrochemicals, pigments, rubbers, foods, etc.). By adjusting the separating rotor speed, it is able to obtain a wide range of particle distribution. ACM of AL type is specially developed by the most recent technology for low noisy and heat. Also EC type is specially designed for easy cleaning and maintenance.



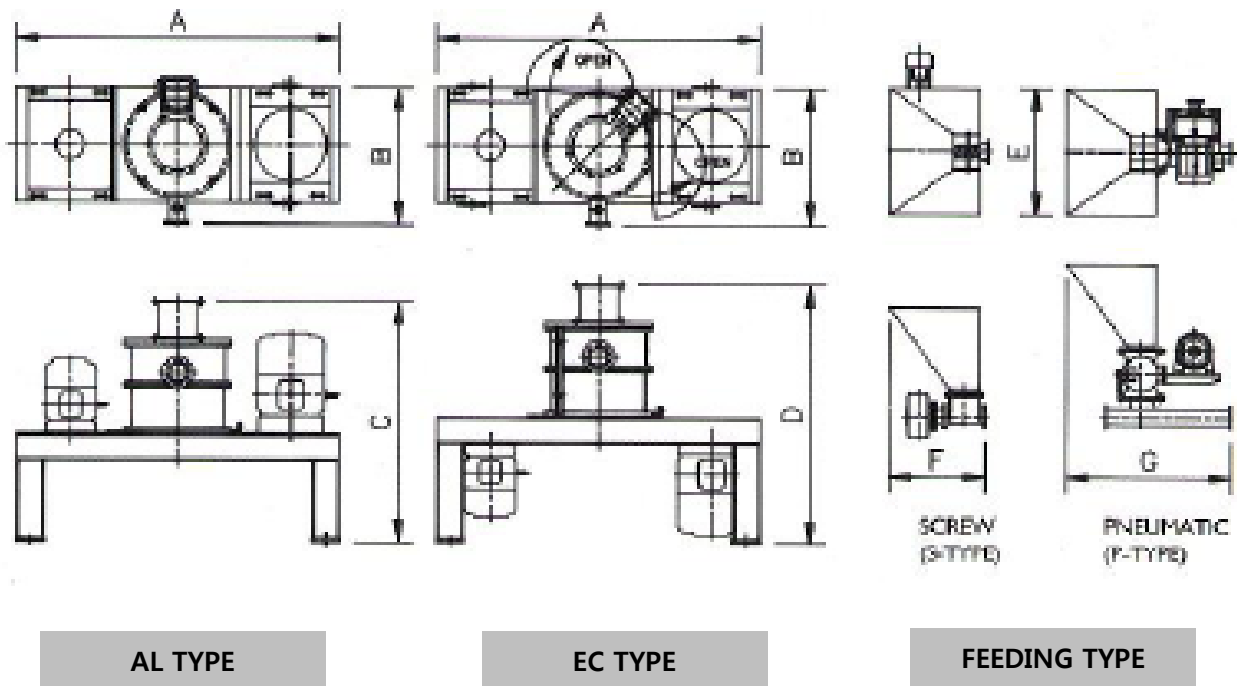
Features

- 분쇄, 분급이 동시에 이루어 진다.
(Grinding and classifying in one unit)
- 제품의 입도 조절이 쉽다.
(Easy control for particle size distribution)
- 입도 분포도가 좁고 예리한 커팅 포인트.
(Narrow particle size distribution and sharp cut point)
- 청소 및 보수가 용이하다.
(Easy cleaning and maintenance)
- 모든 산업에 적용 가능한 다기능 분쇄기.
(Multi purpose unit for all industry)
- 분진 비산이 없다.
(No dust operating)



Standard Specifications & Dimensions

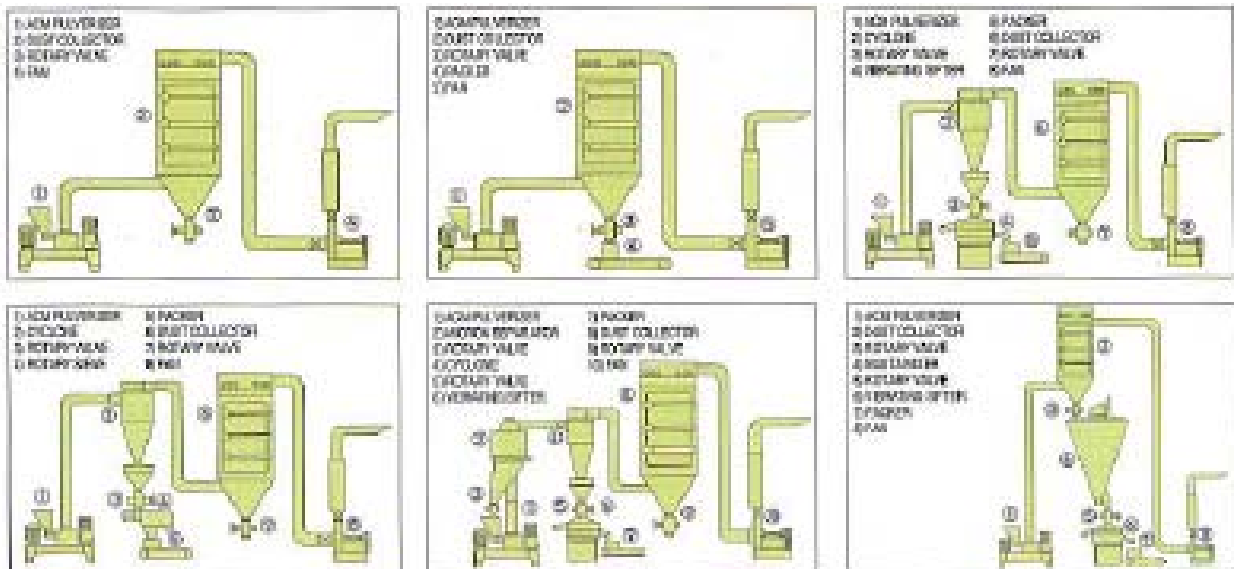
MODEL		ACM-2 (AL, EC)	ACM-3 (AL, EC)	ACM 10~20 (AL, EC)	ACM 30~40 (AL, EC)	ACM 60~80 (AL, EC)	ACM 100~120 (AL, EC)	ACM 200~300 (AL, EC)
Main Drive	Mill (Hp)	3	5	10~20	30~40	60~80	100~150	200~300
	Speed (rpm)	10,500	11,500	6,800	4,740	2,600	2,100	2,000
	Sep' (rpm)	0.5	0.5	1	5	10	20	30
	Speed (rpm)	5,000	5,500	2,870	2,960	2,760	2,400	2,000
Feeder power (Hp)		0.5	0.5	1	1	1	1	1
Air flow rate (m ³ /min)		5	10	15~30	45~60	90~120	150~225	300~450
Dimension (mm)	A	1,600	1,240	1,280	1,800	2,920	2,300	3,100
	B	800	950	600	760	1,150	1,100	1,500
	C	1,550	1,370	1,200	1,350	1,510	1,550	3,300
	D	-	-	1,200	1,550	2,600	3,100	3,800
	E	-	-	700	700	850	900	900
	F	-	-	400	540	650	950	950
	G	-	-	700	950	950	950	950
Weight (kg)		400	600	800	1,000	2,000	4,000	8,500



Typical Performance

(unit : kg/hr)

Material	Fineness	ACM-10	ACM-30	ACM-60
Acrylics	100%-200mesh/100%-325mesh	130/40	400/130	810/270
Aluminium hydrate	75%-325mesh	400 to 450	1,220 to 1,360	2,440 to 2,720
Coal	85%-200mesh	220	680	1,360
Copper oxide	99%-325mesh	360	1,080	2,170
Corn flour	99%-325mesh	110	340	680
Epoxy powder	100%-200mesh/100%-325mesh	180/60	540/200	1,100/230
Fish food	60%-325mesh/75%-325mesh	80/30	250/110	517/230
Kaolin	100%-400mesh	270	810	1,630
Lime stone	83%-200mesh	900	2,720	3900
Phenolic resin	97%-200mesh	200	600	1,200
Rice (Par boiled)	70%-200mesh	70	220	450
Sodium Phosphate	96%-200mesh	270	810	1,630
Sugar (Coarse)	98%-200mesh/86%-325mesh	360	1,080	2,170
Sugar (Fine)	99%-325mesh	180	540	1,080
Jinseng	100%-800mesh	120/80	450	910
Zeolite	100%-1340mesh	220	640	1,080



A leader of powder technology
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