



DP Pulveriser
since 1962



The DP ACM Air Classifier Mill

The **DP ACM Air Classifier Mill** is a screen-less vertical high-speed hammer mill with an integrated on-line adjustable air classifier that is generally used to reduce particles in the 8-40 microns range.

Components of a typical system include

- (i) feeder (ii) mill (iii) cyclone (iv) discharge valve (v) dust collector (vi) conveying fan

Features

- Steep particle size distribution
- Capable of grinding hygroscopic, heat sensitive and explosive materials in closed loop systems with dry/ chiled air/ gas
- Safety switch on the cover of the grinding chamber
- Grinding and classifying in a single operation

Materials

- Hammers tipped with tungsten carbide
- Grinding elements available in sintered ceramic or ceramic coated for abrasion resistance
- SS 304, 316, 316L, GMP

Design Variants

- 10 Bar PSR explosion resistant design
- Explosion protection with flame-less venting/ chemical suppression
- Nitrogen blanketing
- Cryogenic grinding
- Sanitary desiign



	DP ACM	ACM 10	ACM 30	ACM 60	ACM 100
Drive Motor	HP	10	30	60	100
Drive Classifier Motor	HP	1	5	10	15
Rotor Speed	max. rpm	7000	4700	2900	2500
Classifier Speed	max. rpm	4500	2500	2000	2000
Max. Air Flow	max. m ³ /hr	1275	3400	7000	11000
Weight of ACM system	kg	1700	2500	4700	6300