



Altai

Pendular Roller Mill for Fine Products

Altai

NETZSCH ECUTECH ALTAI Pendular Roller Mills combine high classifying efficiency with advantages of a multi-purpose mill.

Drying, grinding and classifying can be done in open or closed systems. Finenesses down to 45 µm can be achieved in just one step. ALTAI Pendular Roller Mills are suitable for processing soft to medium hard minerals for oilfield as well as industrial mineral applications.

Applications

- Barite (API grades)
- Bentonite (API grades)
- Calcium Carbonate
- Dolomite
- Clay
- Phosphate Rock
- Talc

Technical Features

- Independent drive with elastic coupling connected to mill shaft
- Optional counterweights can be installed on the rollers for pressure increase
- Air swept seal for pendulum rollers and column
- Controlled forced lubrication for the main shaft bearings
- Different mill configurations with 3 or 5 rollers available
- Adjustable scrapers to adapt to different applications
- Easy maintenance and quick access for parts replacement

Advantages

1. Reliable and proven design
2. Strong welded steel construction
3. Low investment
4. Low specific energy consumption
5. Low in operation noise
6. No dust emission due to negative pressure conditions
7. Simultaneous drying, grinding and classifying
8. Permits feed of diverse shapes and sizes
9. Excellent control of final product fineness



Technical Data ALTAI		38	68	95	105	115	130	150	170	190	210
Diameter	[mm]	380	680	950	1.050	1.150	1.300	1.500	1.700	1.900	2.100
Installed Power	[kW]	4	11-15	22-37	37-45	55-75	90-132	132-200	200-250	250-315	315-355
Number of Rollers		3	3	3	3	3 or 5	3 or 5	3 or 5	3 or 5	3 or 5	3 or 5
Classifier SCIROCCO Type		50	100	300	500	700	900	1.300			
Installed Power	[kW]	7,5	11	18,5	22	37	45	110			
Rotor Speed	[rpm]	8.000	4.600	2.000	1.500	1.200	1.150	1.000			
Nominal Airflow	[m³/h]	1.500	3.750	10.000	18.000	26.000	40.000	60.000			

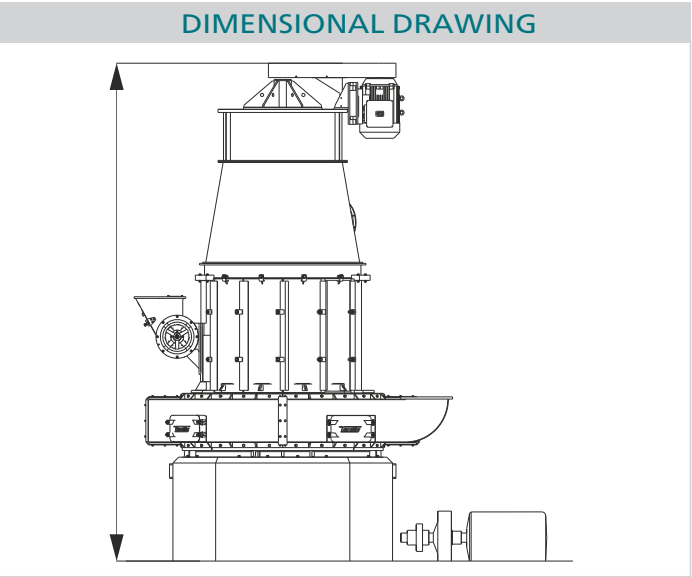
Sizes not related with mill sizes
All technical data are subject to change



Spider with pendular rollers



ALTAI 115



Classifier steel rotor

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