

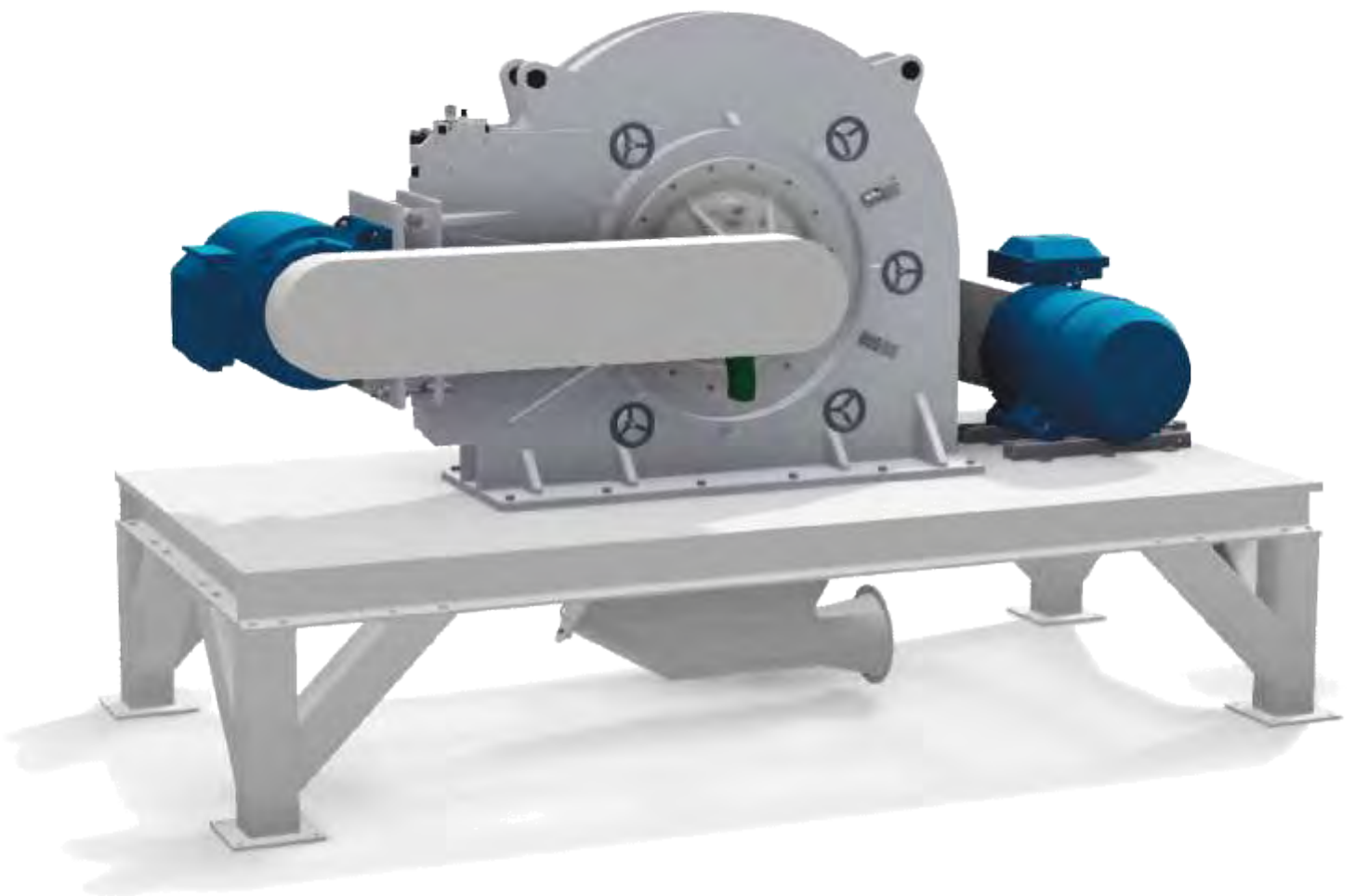
ecutec®

A Company of NETZSCH Group

SIERRA

Finest in Processing

PIN MILL FOR FINE PRODUCTS AND COATING



ECUTEC 's SIERRA
Pin Mills have been
developed for grinding
soft and medium-hard
products and for
surface coating
of fillers

With contra-rotating pin discs the resultant tip speed is over 200 m/s which enables the grinding of soft to medium hard minerals to a high fineness. Independent control of the speed and direction of rotation of the pin disc drives give a high degree of flexibility. An airflow through the mill assists the grinding, enables the control of product temperature and provides a medium for pneumatic transfer of the product.

As standard, the mill body is a robust, welded mild steel construction. Where necessary, the **SIERRA** pin mill can also be offered in stainless-steel construction. Access on the **SIERRA** mill is excellent and pin replacement is an easy operation.

The **SIERRA** mill also represents an economical and highly efficient method of coating ultra-fine fillers with stearic acid.

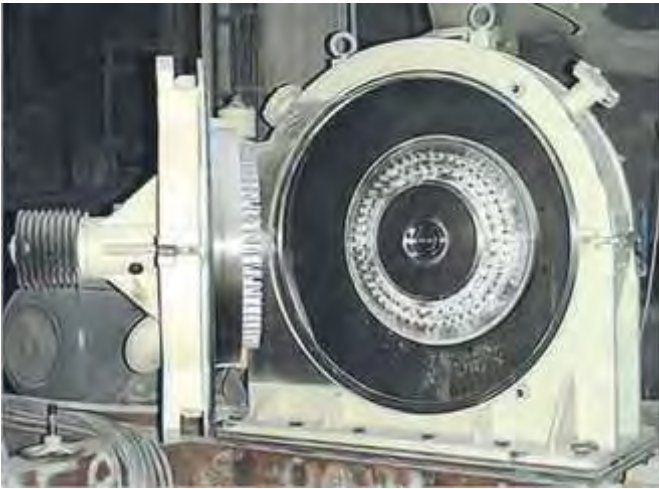


SIERRA 63 in a coating installation

SIERRA 63 special design:
 parts in contact with product
 made of stainless steel

BENEFITS

1. Fine grinding of soft and medium hard minerals
2. Extremely reliable and robust design
3. Pin discs counter rotation or same rotation depending on material and application requirements
4. Easy and quick maintenance resulting in low maintenance costs
5. Suitable for coating applications



SIERRA 40 for CaCO₃ grinding installation



SIERRA 63 in a coating installation



SIERRA 63 in a coating installation



Pin disc for SIERRA 63

Technical Data		16	40	63	84	112
Feedrate approx.	[t/h]	0,2 - 0,7	1 - 5	3 - 10	6 - 15	12 - 25
Air throughput approx.	[m³/h]	750	3.000 - 7.500	6.000 - 15.000	12.000 - 22.500	24.000 - 30.000
Max. drive speed	[rpm]	12.500	6.000	3.550	2.660	2.250
Installed drive	[kW]	2 x 1,1-5	2 x 15 - 30	2 x 45 - 55	2 x 90 - 110	2 x 200 - 250
Rows of pins housing		3	3	2	2	2
Rows of pins door side		3	3	2	3	3
A	[mm]	553	1.280	1.900	2.000	2.290
B	[mm]	475	925	1.420	1.720	1.863

All technical data are subject to changes

DIMENSIONAL DRAWING

