



Purchasing specifications for a hammer mill

1. Contact

Technical Order Management

Company:

Surname:

First name:

Address:

.....

Tel.:

Fax :

Email:

Administrative Order Management

Surname:

First name:

Address:

.....

Tel.:

Fax :

Email:

Industrial site contact

Surname:

First name:

Address:

.....

Tel.:

Fax :

Email:

2. Order focus

Replacement New line

Grinder

Motor

Distributor

Stoner/magnetic equipment

Hopper on the grinder

Hopper below the grinder

Fan system

Cyclone

Filtration system

Feed pick-up at the output

Electrical supply

3. Environment

Installation location:

.....

Available volume (Width x Length x Height):
.....m X..... m Xm

Pre-installation check on the machine's
structural strength

Upstream flow rate*: m³/h Downstream flow
rate:.....m³/h

** If handling is involved*

Specific connection features:

Upstream:

.....

.....

.....

Downstream:

.....

.....

.....

.....
.....

4. Characteristics

Type of Grinder

Horizontal shaft Vertical shaft.....

Type of feed system

Chain Belt Screw
Alveolar Gravity Shaker

Width:m

Max. volume flow: m³/h

Colour:

Control and adjustment:

Frequency control
Adjustable layer thickness.....

Steering valve:

Automatic Manual

Direction of rotation

One Two

Hammers

Hardening..... Other
Specify:

Adjustable number of hammers
Variable hammer layout

Screen

Type and aperture:
.....
.....
Changed manually Automatic
Changed with machine off On
.....
Hammer / Screen distance:mm

Ventilation

Expected air flow: m³/h
Air flow control:
Damper
Speed control
Number of damper positions:
Sound proofing

Filter characteristics:

.....
.....

Filter media: Oil repellent... Water repellent

Antistatic Other:

Other:

Machine start

Starter Frequency control

Type of motor (brand name, class, power rating, speed, etc.):

Grinder motor:
Fan motor:

5. Conditions of use

Pregrind

Predosing with no premix.....

Predosing with premix.....

Multi-purpose line .. Specialised line

Product type and expectation

Products*	Flow rate (t/h)	Grain size (µm) D50, SG, X % < to

* Supply of standard predosed formulas

Additional expected performance (shrinking, temperature, carry-over, etc.) :.....

.....
.....
.....
.....

6. Checks and Safety

Detection of temperature threshold

Detection of grind chamber temperature

Detection of air backflow temperature

Detection of air inflow

Detection of vibrations

Fan motor rotation

Top level - hopper below the grinder

Meal temperature at the output

Room air inflow silencer

Air outflow silencer

Check on filter pressure drops

Max. grinder sound level:dB

Max. fan sound level:dB

Installation's ATEX zone

20 .. 21 ... 22 ... Off-zone

Explosion vent

External interface **Flame arrestor**.....

Fire detection system

Fire extinguishing system

Inspection windows

Sampling

7. Cleaning and Maintenance

The grinder must be designed to enable technicians to access the grinding chamber for cleaning and maintenance (hammers, counter-hammers, impact plates, screen, leaktightness, etc.).

The installation must provide easy access to all machine components in order to facilitate their cleaning and maintenance.

8. Annexes

Ex. plant.....

Carriage paid

Other (Incoterms)

Commissioning requirements:

.....

.....

.....

Training

Printed doc. Doc. CD-ROM:

Spare parts and wear parts

Terms of after-sales service warranties

Delivery times:

Assembly times:

Commissioning times:

9. Layout diagram or Diagram component

