FEDERATION EUROPEENNE DE LA MANUTENTION
SECTION II
CONTINUOUS HANDLING

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GUARANTEE TERMS FOR PNEUMATIC HANDLING INSTALLATIONS

1. Feeding of the installation :

The satisfactory working at the designed capacity, of a pneumatic handling installation can only be obtained if the feeding by the introduction device (for instance : suction nozzle in a suction system, feeder in a blowing system) is ensured continuously by a free flowing of the material to be conveyed.

If the material is brought to the pneumatic conveyance plant by means of a mechanical system (conveyor, extractor under a silo, ...) or manually (tipping of bags), the feed shall be regular and continuous.

2. Determination of the volume and power characteristics :

The indicate volume handled concerns the full rate service. When gathering up the remaining material, or changing the feeding device, or changing the handling circuit, the handled volume may be reduced. The resulting average volume can be estimated but not guaranteed.

The guarantee of the handling capacity is possible only when knowing perfectly the material to be conveyed as it is fed into the plant, the handling route and the site of the plant (with respect to sea level).

For the determination of the physical properties of the material, it is possible to refer to the FEM document n°2481 "Definition and determination of physical properties of bulk materials" set up by working group "Pneumatic handling" of section II FEM.

3. Tests preliminary to an order :

After a preliminary study of a problem, the manufacturer may ask the customer for a sample sufficient for testing purposes. If the results of the tests lead to modify the installation, the offer can be reviewed .

All the theoretical values and technical data referring to the plant shall remain the property of the supplier, even in the case of the customer having taken a share in the preliminary test costs.

4. Power input on the driving shaft :

The power input is calculated on the basis of all the information available mentioned in paragraphs 1, 2 and 3.

Except to the contrary and for clearly stated specifications, the power input shall be calculated for an elevation 0 (sea level) and a temperature of 20°C.