



ProMill-12

The ProMill-12 is the results of an optimization study that involved the milling chamber, the nozzles and the classifier. This optimization bring FPS jet mill to lowest process gas consumption, to higher process performances and to easiest cleaning procedures.

All connections of components have been done in order to be in compliance with cGMPs to assure quick and easy assembling and disassembling operations.

It is available with different options:

- special internal lining;
- CIP and SIP version;
- volumetric or gravimetric feeder;
- counter-pulse cyclone or fit with filtering sleeve;
- commands from manual to full automated PLC managed, compliant to GAMP and CFR21 Part11;
- ATEX certified;
- explosion proof system;
- cosmetic/pharma.

The ProMill-12 may be easily integrated into dedicated FPS isolator system to allow the process of very high active or sterile products. At FPS R&D and Test centre it is possible to perform technical trials.

TECHNICAL DATA

Dimensions

12" milling chamber

Material

AISI316L / PTFE / Ceramic

Gaskets

PTFE – FEP/Viton - Silicone

Surface roughness

< 0.25µm – contact parts

< 0.80µm – non contact parts

Batch size

Minimum 5kg – Maximum 2500kg

Productivity

Minimum 5kg/h – Maximum 200kg/h

Yield

Up to 99,95% (depending on batch size)

Gas consumption

249 Nm³/h (@7barg supply)

427 Nm³/h (@12barg supply)

Working pressure

From 2 up to 12barg

Headquarters

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