



PRO

ProMill-8

The ProMill-8 is the result of an optimization study that involved the milling chamber, the nozzles and the classifier. This optimization brings 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 linings;
- fully closed configuration;
- CIP and SIP version;
- volumetric or gravimetric feeder;
- counter-pulse cyclone or fit with filtering sleeve;
- control from manual to full automated PLC managed, compliant to GAMP and CFR21 Part11;
- ATEX certified;
- explosion proof system;
- cosmetic/pharma.

The ProMill-8 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

8" 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 2kg – Maximum 100kg

Productivity

Minimum 0,5kg/h – Maximum 80kg/h

Yield

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

Gas consumption

119 Nm³/h (@7barg supply)

205 Nm³/h (@12barg supply)

Working pressure

From 2 up to 12barg

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