

FX

CATEGORY & CAPACITY
PHARMACEUTICAL
◇ CORE



**Nutraceutical
Industry**



The FX and FD120/P models are unit machines, designed to fill and close most of the nutraceutical powders.

The machine has been designed to meet the standards in force in the pharmaceutical industry and to work in sterile rooms for processing oral or edible products, plus the chance to be equipped with a LAF system. The machine has been built using FDA-approved materials such as stainless steel and anodised aluminium. If the machine needs to be configured to work in sterile rooms, AISI 316L stainless steel is used, paying utmost care to finishing, according to GMP regulations.

The FX is a continuous motion machine and the FD120 comes in two versions- single index and double index. The operator can adjust most of the machine functions from the control panel.



About Bormioli Pharma

Bormioli Pharma is a leading primary packaging manufacturer, serving exclusively the pharmaceutical & biopharmaceutical and nutraceutical markets with integrated glass and plastic containers, closures and accessories. These products are developed to guarantee drug integrity and improve patient quality of life. Bormioli Pharma is ISO 9001 and ISO 15378 (GMP) certified and registered with the main international control organizations.

FD120P

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DESCRIPTION	SINGLE INDEX	DOUBLE INDEX
MECHANICAL SPEED (BPM)	Up to 50 caps/min.	Up to 100 caps/min.
DOSING RANGE	From 20 mm ³ to 750 mm ³ (=0,75 cc)	From 20 mm ³ to 750 mm ³ (=0,75 cc)
DOSAGE ACCURACY	+ -1% volume	+ -1% volume
DOSING SYSTEM	Dosing by auger	Dosing by auger
MOTION SYSTEMS	Alternate Motion	Alternate Motion
FEEDING SYSTEM	FULL AUTOMATIC	FULL AUTOMATIC
DEIONIZING DEVICE	OPTION	OPTION
NITROGEN PURGING	OPTION	OPTION
CAN WORK IN STERILE ROOMS	STANDARD	STANDARD
LAMINAR FLOW EQUIPPED	OPTION	OPTION
FILLING ADJUSTMENT	MANUAL	MANUAL
AUTOMATIC REJECT	YES	YES
100% IPC	OPTION	OPTION



Our Machines can be customized for complete turn key solutions with:

- AUTOMATIC FEEDING SYSTEMS FOR BOTTLES AND CAPS.
- LIQUID AND POWDER OPTIONAL EQUIPMENTS.
- SECONDARY PACKAGING MACHINES LIKE:
 Labeling, Cartoning, Case packer and integration vision systems for inspection and variable data check, SCADA and data collection solution, and serialization and traceability software to comply with global traceability requirements.

Comas offers the opportunity to meet product development as well as source the very latest products innovation on this market.