

TECNO TREND

Aseptic Powder Machines

Powder Solutions



COMAS
GROUP

TRUSTED PARTNER SINCE 1979

MICRO DOSING



 **FY SERIES**



● FX/FE SERIES



DOSING TECHNOLOGIES

1 NEEDLES

Vacuum pressure

- Injectable powders, antibiotics, insulin



Suitable to handle
Ø 14-46 mm - h: 32-90

Machine version: FY

2 DISC

Vacuum pressure

- Injectable powders, antibiotics, insulin



Suitable to handle
Ø 14-46 mm - h: 35-120

Machine version: FV



- **Standard dosing range:** from 100 mg. up to 1,5 gr. with a single dosage
- **Mechanical speed:** from 6.000 to 24.000 pieces/hour
- **Dosage accuracy:** +/- 1% volume

+ Line to be integrated with: Washing Machine and Depirogenation Tunnel

3 VOLUMETRIC COMPRESSION

Needled technology applications

- Powder in caps (FX/FE)
- Powder in alveolar blisters and special containers for inhalation purposes (FX)



Suitable for
'extemporaneous' packaging
and special

Machine version: FX/FE

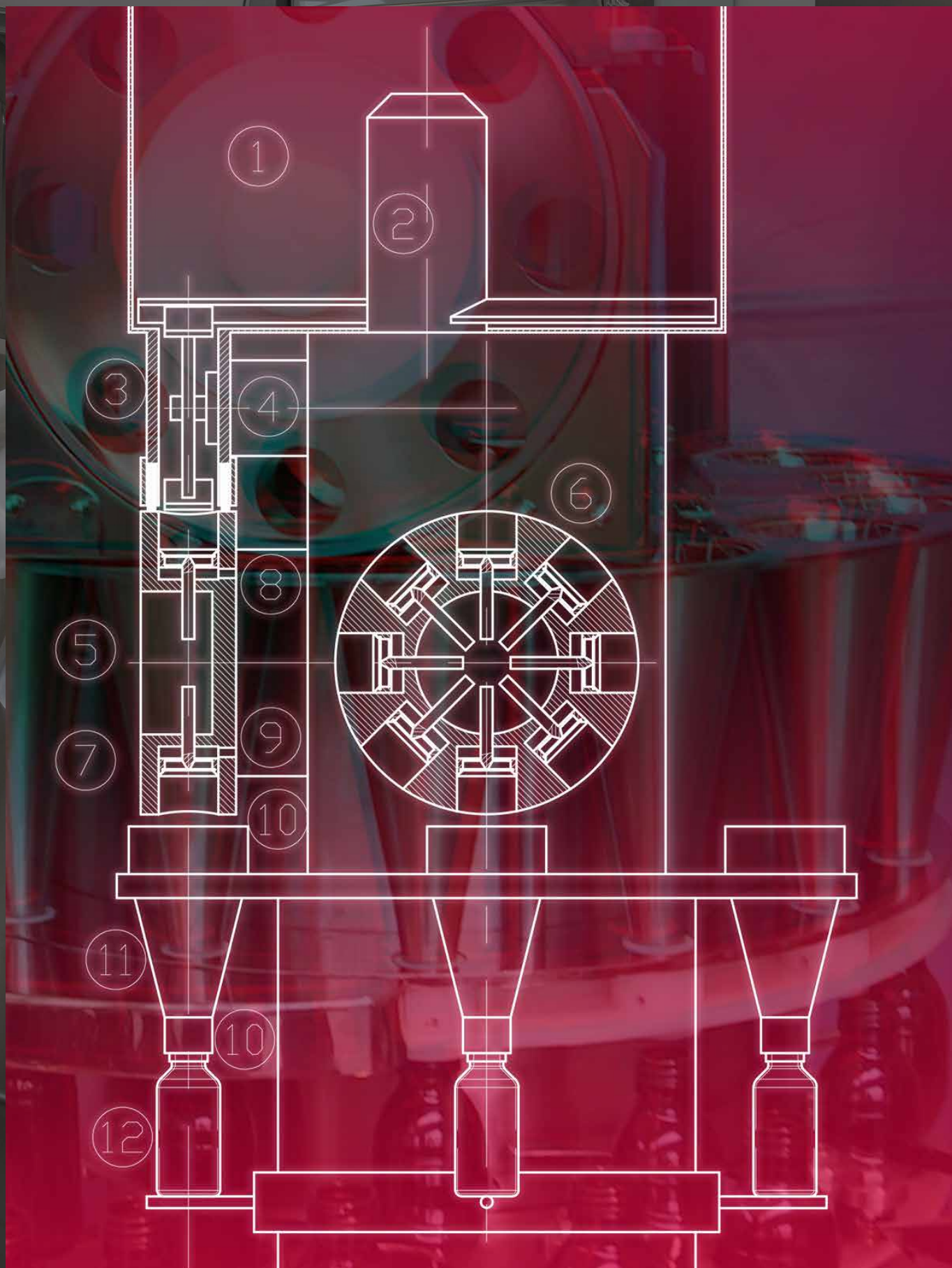


- **Standard dosing range (FE):** from 0,02 cc to 1,2 cc.
- **Standard dosing range (FX):** from 0,1 mm³ to 10 cc.
- **Mechanical speed (FE):** from 6.000 to 40.000 caps/hour
- **Mechanical speed (FX):** from 1.200 to 30.000 pieces/hour
- **Mechanical speed (FX for caps):** from 8.000 to 30.000 caps/hour
- **Dosage accuracy:** +/- 1% volume



Glass & Plastic

MACRO DOSING





DOSING TECHNOLOGIES

1 DISC *Vacuum pressure rotating*

- Dry syrups, granules



Suitable to handle
Ø 24-70 h: 65-180

Machine version: FM



- Standard dosing range: from 1 cc up to 200 cc.
- Mechanical speed: from 6.000 to 12.000 pieces/hour
- Dosage accuracy: +/- 2% volume

+ Machines to be integrated with: Air Blowing and Sucking Machine



Glass & Plastic

GRAVITY DOSING



 FG SERIES



DOSING TECHNOLOGIES

1 BY GRAVITY *Volumetric*

- Dry syrups, granular powders for oral suspensions



Suitable to handle
Ø 24-70 mm - h: 65-180

Machine version: FG



- **Standard dosing range:** from 1 cc to 100 cc.
- **Mechanical speed:** from 6.000 to 24.000 pieces/hour
- **Dosage accuracy:** +/- 2% volume

+ Machines to be integrated with: Air Blowing and Sucking Machine



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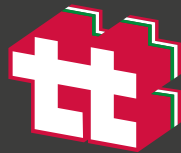


OPTIONALS

For ALL RANGE of machines



- Different RABS level + gloves where requested
- CFR21 Part.11
- Nitrogen
- Media Fill
- IPC 100% weight system
- Automatic Powders/Granules feeding system
- Remote Assistance Control
- Validation Protocols



TECNO TREND
Aseptic Powder Machines

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

- Automatic feeding systems for bottles and caps.
- Powder optional equipments.
- Secondary packaging Machines like:

Check Weigher, 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 Group offers the opportunity to meet product development as well as source the very latest products innovation on this market.

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