

MEDIUM TO HIGH-SPEED FILLING LINES



M&O Perry Industries manufactures medium to high-speed liquid and powder fill finish production lines providing high accuracy fills @ 0.2% < 0.5% depending on container stability, and liquid or powder characteristics. Line options include: bottle washing machine, dry heat sterilization tunnel sterile liquid or powder filling, stoppering & capping, traying and labeling.

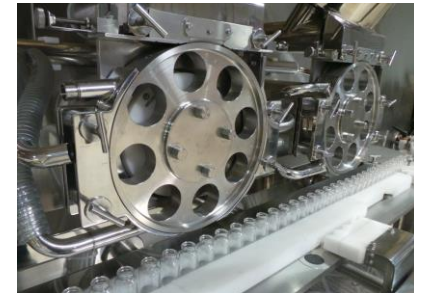
Intermediate Speed Filler

- Liquid or Powder Filling + Stoppering + Capping
- Intermittent motion
- **Up to 90cpm / 5,400cph**



High Speed Filler

- Liquid or Powder Filling + Stoppering
- Continuous motion
- **Up to 350cpm / 21,000cph**



ACCOFIL® Powder Filling

- High Accuracy $\pm 0.5\% \sim \pm 2\%$ depending on container stability, powder density and handling characteristics

Liquid Filling

- Peristaltic Pump
- Rolling Diaphragm Pump
- Rotary Piston Pump
- Volumetric Piston Pump
- Other pumps available: gear pump, IVEK, etc.
- Up to 360cpm with 12-up system



MOP P1500S 0122



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Cleaning + Sterilizing



Washing Machines Up to 400cpm

Sterilizing & Depyrogenation Tunnels Up to 400cpm



Closing / End of the Line



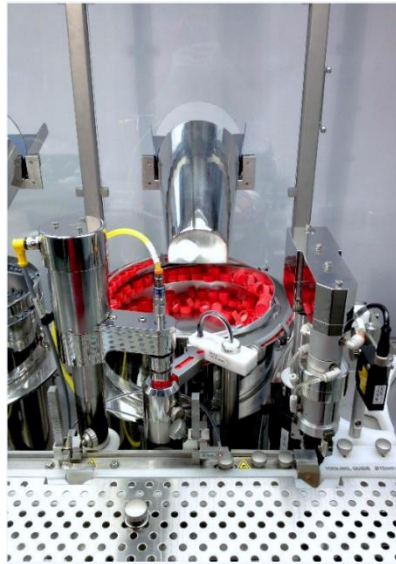
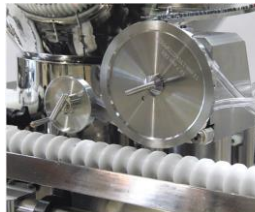
Stoppering
Up to 400cpm



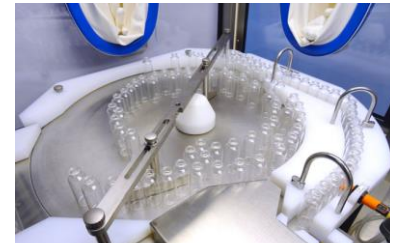
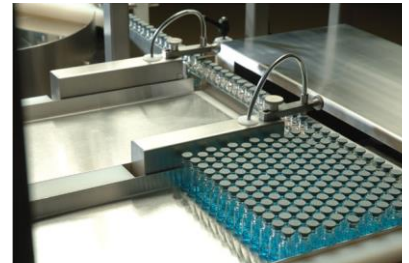
Aluminum Crimp Capping
Up to 400cpm



Screw Capping
Up to 300cpm



Vial Traying / Rotary Turntables



Containment



- **Safety Hood** - Standard
- **VLAF** – Vertical Laminar Air Flow
- **oRABS** – Open Restricted Access Barrier System
- **cRABS** – Closed Restricted Access Barrier System
- **Isolator**



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