

## For Ampoules, Vials and Cartridges Containing Injectable Liquid Product

Up to 400 pcs/minute



### Applications

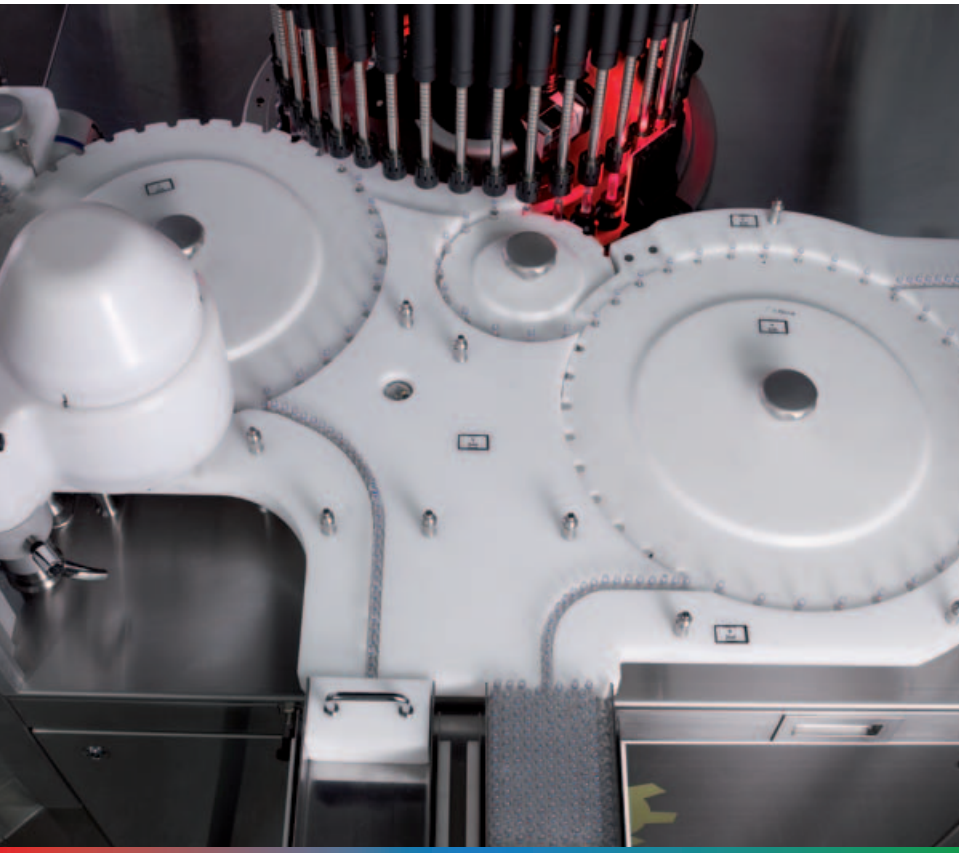
- Particles inspection
- Cosmetic inspection on the containers
- Tip inspection, fill level
- Alu seal control

### Advantages

- Very compact footprint
- High speed cameras
- Tracking cameras synchronized with the movements of the main turret
- Wide product range
- Capacity for maximum throughput of 400 units/min
- Defects separation by categories
- Change parts optimized for quick change over
- No turbulence
- Full IQ/OQ support package
- Swing arm including operator interface
- Ergonomicity of the component and parts

# EXACTA Plus - Automatic Machine Built with Continuous Motion

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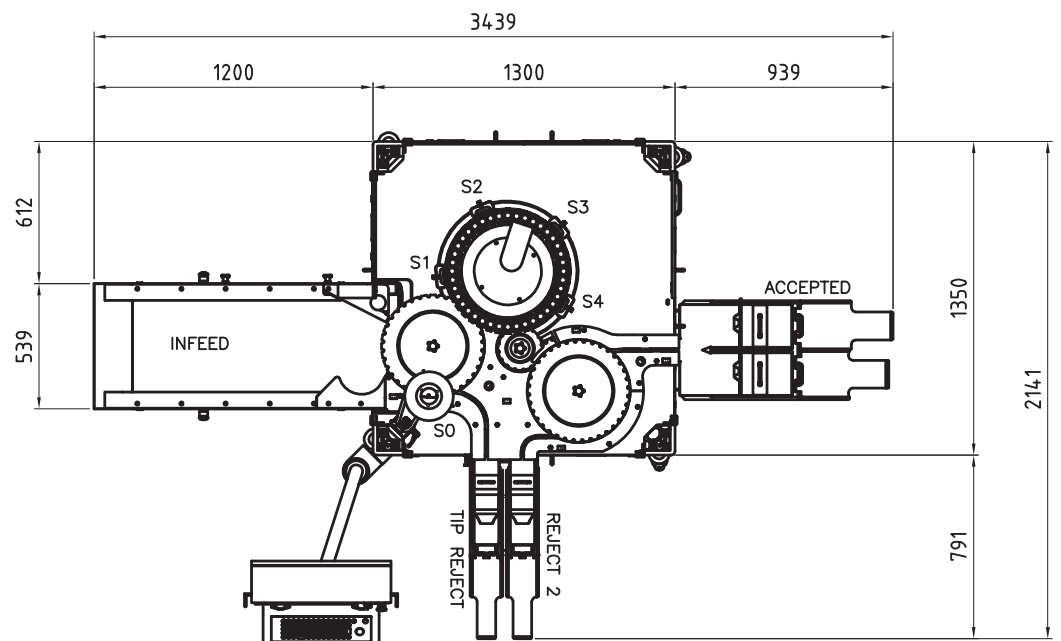


## Technical Data

- Machine Speed: 24.000 pcs/h max
- Containers spinning system: A total of 4 brushless motors with adjustable rotation speed from 0 to 3000 rpm
- Electric Supply: 400V- 220V±10% 50/60Hz 3Ph + ground
- PC: Siemens industrial PC with Raid array for simultaneous data back up
- PLC: Siemens S7/300 series with profibus communication port
- Control Panel: 17" colour touch screen monitor with external keyboard
- SCADA System: SQL Database (Compliance with 21CFR11)
- Vision System: Optrel's proprietary vision system PVSI (Programmable vision system interface)
- Validation Documents: Machine in compliance with the most important standard regulations and guideline. CFR21 part. 11 - Audit Trail - cGMP and GAMP5

## Camera System

- S1 – S2 –S3 : for particles and fill level inspection
- S0: tip defects, tip shape, alu seal inspection
- Optional: additional camera for cosmetic inspection available



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