ZELLWAG
PHARMTECH

COLLISCHAN

A team you can count on

Count, fill and close small-sized products quickly, accurately and safely with the Z-60 from Zellwag Pharmtech and the integrated multicount 60 from Collischan.

Flexible construction
- Multiformat machine for different container sizes and diameters
- Patented counting and dosing principle for tablets, dragées and capsules
- Self-optimizing control of product parameters
- Production output of up to 40 containers/min
- Snap-on and screw-on closures are possible on the same machine
- Interfaces to third-party systems are freely configurable

Compact design
- Toolfree format and product change
- Easy cleaning thanks to good accessibility
- User-friendly operation
- Low operational costs thanks to small footprint

Quality assurance
- IQ / OQ validation package available
- 21 Part 11 compliance upon need
- Complies with the requiremets of FDA and cGMP

Reliable object detection
- Novel object detection via camera system
- Reliable counting, also for products which are not clearly separated one by one on the vibration chute
- Dust in the counted material does not affect the optical control
- Simplified parameter setting

Configuration
- Automatic container and closure infeed
- Screw-on or snap-on closures
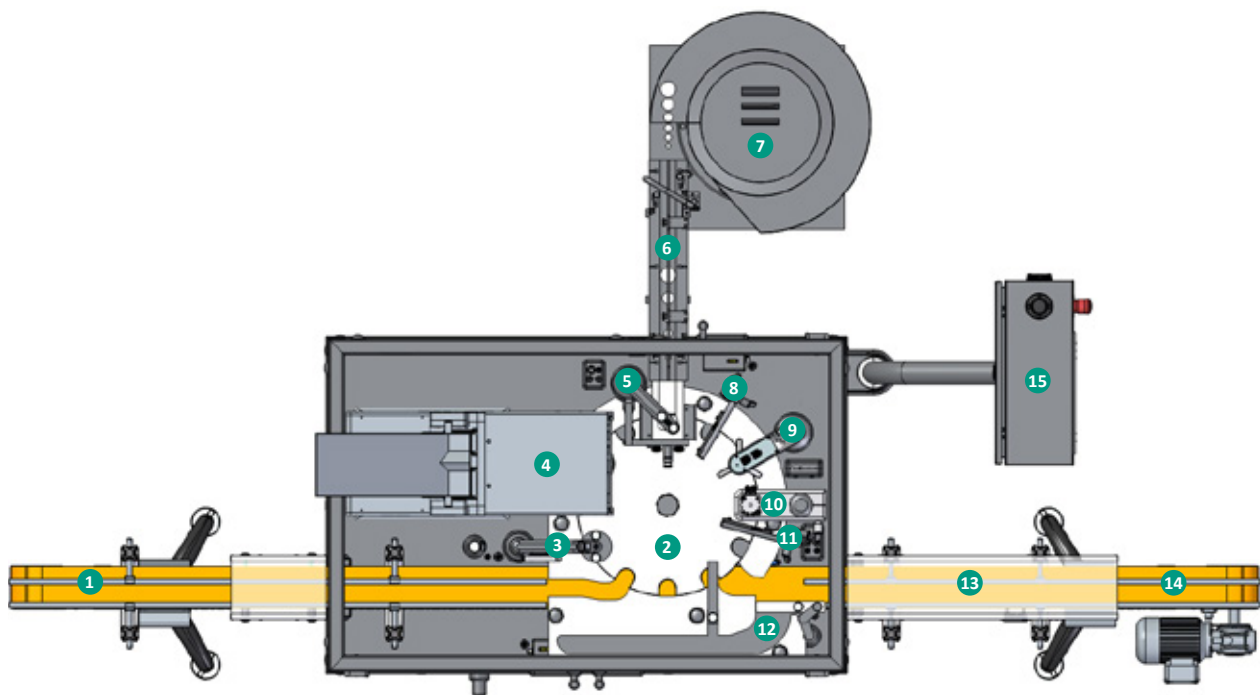- In process closure control
- Non-conformity exit

Format range
- Container height: 50 - 125 mm
- Closure height: 10 - 40 mm
- Container diameter: 30 - 75 mm

Techical data
- GMP Design
- 3 x 400 VAC, N, PE, 25 AT
- 6 bar air
- Pneumatics Festo

PROCESS

#		#	
1	Container infeed	9	Screw-on station
2	Turning star	10	Press-on station
3	Blow out station	11	Position control closures
4	Counting system Multicount 60	12	NIO-area
5	Closure place station	13	Safety housing container outfeed
6	Closure infeed	14	Container outfeed
7	Vibration bowl closures	15	Operating panel with HMI
8	Presence control closures		