

Electronic Filling Carousel Type K 5 E – K 24 E



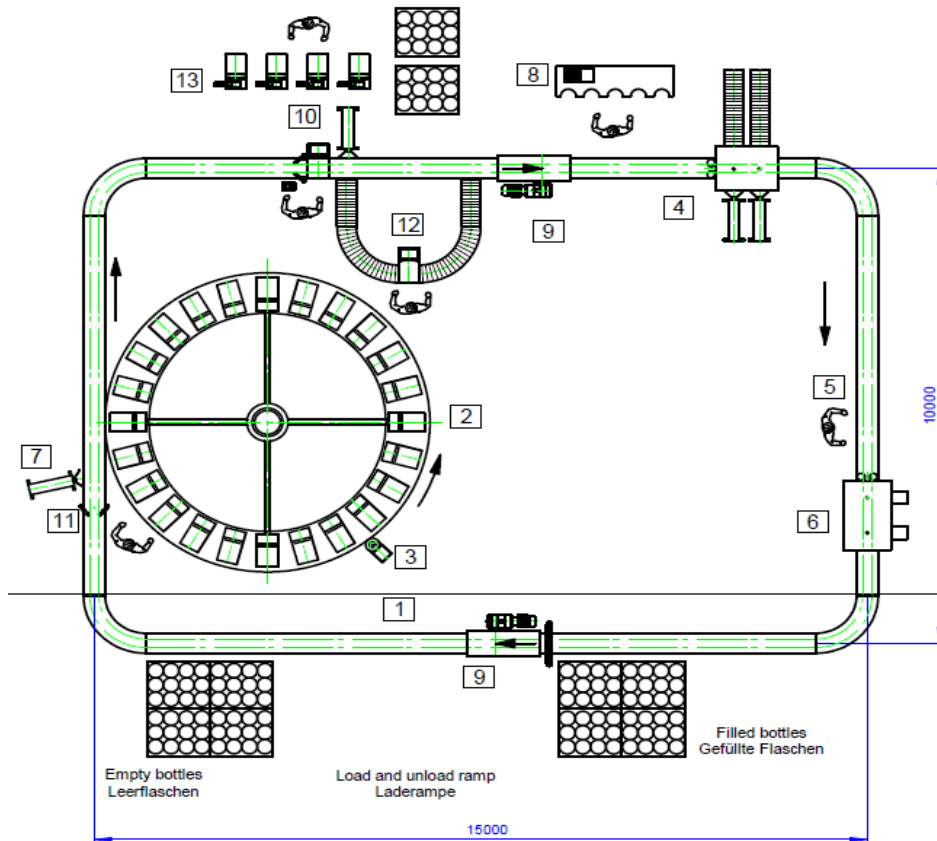
Typical design of a filling carousel



Filling of cylinders

- Closed circular platform for up to 24 electronic scales
- Automatic cylinder transport through a chain conveyor with individual regulation of the process
- Efficiency up to 1200 bottle/hour
- Continuously adjustable rotating speed provides adaptation to the size of empty bottles
- Maximum filling efficiency by minimum staff requirements
- Automatic push on/off of the cylinders
- Optional integration of control scales, leak testing unit, washing plant, shrinking machine and other components direct into a chain conveyor
- Wireless filling data transfer to PC for the collection and processing

Carousel with a circular chain conveyor (sample)



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| 1 – Circular Chain Conveyor | 2 – Carousel Unit with Filling Scales |
| 3 – Drive Unit | 4 – Automatic Leak Testing Device |
| 5 – Shrink Sleeve Application | 6 – Automatic Shrink Machine |
| 7 – Introduction Station | 8 – Evacuation unit |
| 9 – Gear Drive Station | 10 – Check scale |
| 11 – Stopping Device | 12 – Filled Weight Correction Scale |
| 13 – Filling Scales for Big Bottles | |

The size of the carousel depends on the required filling efficiency per hour.

Filling efficiency for one bottle – 1 kg in 4 sec.

Number of filling scales	Diameter of a carousel (mm)	Efficiency bottle/hour	
		27l (11kg)	50l (27kg)
5	2410	190	140
7	2810	320	240
9	3310	420	305
12	4010	580	410
18	5360	880	660
24	6310	1180	890