

FS 960

RYCHIGER



Nonstop for a higher output

More capsules per minute and zero stops: the FS 960 pushes performance to a new level.

FS 960

- ✓ Zero-stop production
- ✓ Continuous capsule feed
- ✓ Continuous foil feed
- ✓ Minimum operator intervention
- ✓ Up to 1'560 capsules/min

The FS 960 caters provides two more lanes than the popular FS 910 thus offering more capacity. The main difference with its sister model is the advanced Total Productive Maintenance concept. In order to increase the machine efficiency according to DIN 8743, the FS 960 is designed for minimum scheduled downtimes and even less unplanned stops.

As regards availability, the FS 960 comes very close to zero-stop production. Every productive minute, it fills up to 1560 capsules with tea or coffee. The model caters to Nespresso and compatibles, Dolce Gusto, K-Cup and other popular capsule types. The FS 960 can handle all materials, from plastic and aluminum to paper. In addition, we offer a range of special solutions.

The FS 960 is even easier to access than the FS 910 and its design has been further optimized with regard to hygiene. As a result, there are less cleaning cycles required, while troubleshooting and repair are made easier. Like all Rychiger inline machines with linear transport, the FS 960 can be upgraded for additional processes by adding extra stations, including integrated secondary packaging units.



Details



Whether cutting filters or molding

The FS 960 carries out the processes with the highest precision in one tool.



Integrated Delta robots

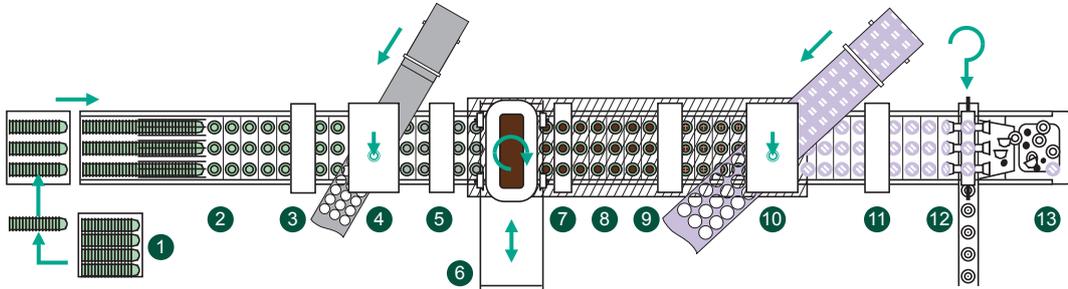
They allow fast operations with precise repositioning of new parts.



100% quality inspection

Only products that meet the high quality requirements leave the machine.

Process illustration



- 1 Container feeding system
- 2 Destacker
- 3 Inspection station
- 4 Punching and sealing station for bottom membrane/lid
- 5 Vision system
- 6 Doser
- 7 Checkweigher
- 8 Inert gas room
- 9 Rim cleaner
- 10 Welding station for membrane/lid
- 11 Inspection station
- 12 Container inverter
- 13 Exit by pick-and-place with integrated container reject

Technical data FS 960

The technical data might vary, depending on the container dimensions and shapes, the product to be filled, the machine configuration and material specifications.

Outer unit diameter	Unit height	Number of lanes	Cycles/min	Output/min	Output/h
45 mm	65 mm	12	65	780	46'800
45 mm	65 mm	12 x 2	60	1'440	86'400
45-55 mm	65 mm	10 x 2	55	1'100	66'000

Size (LxW)	Weight	Connected load	Rated power	Compressed air	Nitrogen
12 x 4 m	4'000 - 12'000 kg	3 x 400 V / 50 Hz 3 x 460 V / 60 Hz	30 kW	≥ 6 bar 60 - 120 Nm ³ /h	≥ 5 bar 65 - 130 Nm ³ /h