

FS 190 HS

RYCHIGER



The fastest rotary indexing machine available in the market

400 coffee capsules per minute and a footprint of less than 5 square meters speak for themselves: Catering providing up to 100 rotary cycles per minute, the FS 190 HS is way ahead of the competition.

FS 190 HS

- ✓ Fastest rotary indexing machine
- ✓ Up to 100 cycles/min
- ✓ Up to 400 capsules/min
- ✓ Footprint of less than 5m²
- ✓ Quick retooling
- ✓ Optimised accessibility

The compact FS 190 HS is based on the popular FS 190, but offers higher output rates. Our latest model can run up to 100 cycles per minute. To achieve this, sealing is performed directly on the plate, as is the case with many machines. However, the FS 190 HS does this much faster. HS stands for high speed, and with the FS 190 HS, you can produce up to 400 tea or coffee capsules per minute. The model caters to Nespresso and compatibles, Dolce Gusto, K-Cup and other popular capsule types. The FS 190 HS can also process proprietary capsules. It handles all materials, from plastic and aluminum to paper. Rotary indexing machines from Rychiger are known for their small footprint. The control unit and electric drive systems are integrated into the base frame. The machine is designed for optimized performance and minimum production waste.

All key machine functions such as the low-waste foil punching module and the coffee grinder of the filling module are integrated into a compact frame. The filled capsules are packed and palletized in separate downstream machines – also available from Rychiger.

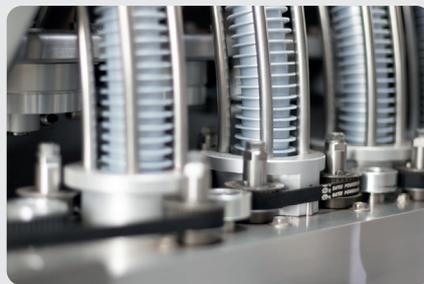


Details



Higher capsule storage

Greater autonomy thanks to additional capsule storage.



Safe stacking

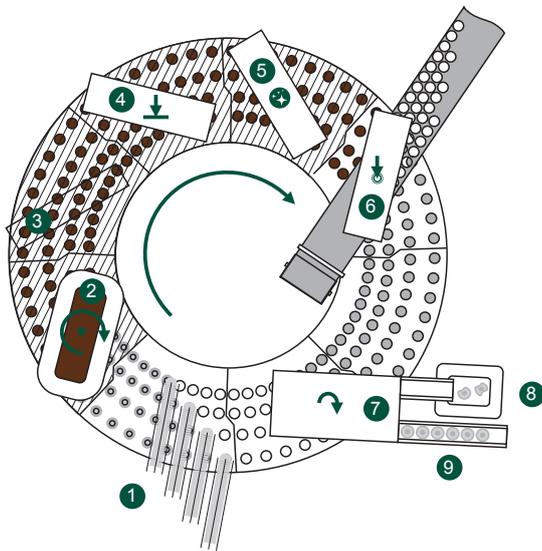
Whether aluminum or plastic, every type of capsule is safely stacked and separated.



Reduced foil waste

Optimum utilization of the cover band due to diagonally optimized band entry angle.

Process illustration



- 1 Destacker
- 2 Dosing station
- 3 Checkweigher
- 4 Compacting
- 5 Rim cleaning
- 6 Punching and sealing station
- 7 Capsule exit
- 8 Rejects ejector
- 9 Exit conveyor

Technical data FS 190 HS

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
35 - 55 mm	45 mm	4	100	400	24'000

Size (WxH)	Weight	Connected load	Rated Power	Compressed air
2,1 x 2,1 m	2'100 kg	3 x 400 V + Pe / 50 Hz	7 - 14 kW	a ≥ 6 bar 15 l/min