



Series LF 202 Romaco Macofar

The new Romaco Macofar LF 202 series is designed for high speed liquid filling of pharmaceutical, nutraceutical and cosmetics liquid products.

LF 202 liquid filler can be equipped with different filling systems and multiple closing heads, and completed with in line controls to check filling accuracy and capping quality.

Highlights

- Reduced format parts for fast product changeover
- Product transport system designed to be adjusted to handle a wide range of different bottles' diameters
- Linear configuration on table top design
- Positive handling of all products by means of pick and place for all kind of caps and closures
- Pre-arranged for 100% in line check weighing system
- Pre-arranged for 100% in line torque control
- Customized configurations for liquid filling by means of dosing system of customer's choice (mechanical piston pumps, rotary pumps and peristaltic pumps)
- Suitable to be equipped with laminar flow
- Suitable to be configured for products disciplined by the ATEX directive
- GMP design for easy cleaning and high operators' ergonomics

Technical Data	LF 201	LF 202	LF 203
Description	Filling + Single Capping	Filling + Double Capping	Filling + Triple capping
Motion	Intermittent	Intermittent	Intermittent
Max output (units/h) up to depending on bottle size and dosage	12,000	12,000	12,000
Filling range (min–max ml)	0.5–500	0.5–500	0.5–500
Bottle diameter (min–max mm)	20–62	20–62	20–62
Bottle height (min–max mm)	40–180	40–180	40–180
Installed power	9 kW	11 kW	13 kW
Compressed air consumption	150 NI/min	150 NI/min	200 NI/min
Compressed air pressure	6 bar	6 bar	6 bar
Width	1,090 mm (2,685 mm including caps hopper)	1,090 mm (2,685 mm including caps hopper)	1,090 mm (2,685 mm including caps hopper)
Length	4,700 mm	5,900 mm	7,100 mm
Height	2,015 mm	2,015 mm	2,015 mm
Weight	2,400 kg	2,800 kg	3,300 kg

