

Series CSP Romaco Macofar

Romaco Macofar CSP capping machines offer the latest state-of-the-art technology for vial sealing after they are filled with injectable drugs. They are suitable to handle various types of caps and have been developed conforming to the most recent regulations associated with aseptic processing different capping operation principles: fixed blade and rotating heads.

Fixed blade: each vial entering the machine is locked in place by a bottom lifting and rotating plate and a fixed idle top plate; during the rotation a stationary side blade bends the cap base, sealing the vial.

Rotating heads: each vial entering the machine is locked in place by a bottom stationary plate and a three-blade rotating head that the cap previously placed on the stationary vial and seals it.



Highlights

- Extremely compact footprint
- Mechanical design with minimal number of particles generated by caps (suction system of particulates produced during capping is an available option)
- Cap feeding location maximizes vials protection from non-viable particles
- High number of vial rotations during capping to optimize the final sealing quality
- Easy access to 'white' and 'grey' areas
- Easy cleanability of 'white area' surfaces
- Quick and easy removal/assembly of cap contact parts
- Very quick and repeatable semi-automatic size parts change-over with minimum manual interventions

Technical Data	CSP 5	CSP 8	CSP 10	CSP 12	CSP 18	CSP 24
Vial diameter (with Alu-caps and flip-off), in mm	16 ÷ 70	16 ÷ 70	16 ÷ 52	16 ÷ 52	18 ÷ 52	18 ÷ 52
Vial diameter (with PFP – Press on – Screw cap) in mm	23 ÷ 60	23 ÷ 60	23 ÷ 53	NA	NA	NA
Vial diameter (with Screw cap), in mm	24 ÷ 60	24 ÷ 60	24 ÷ 53	NA	20 ÷ 52	NA
Vial height (with Alu-caps and flip-off), in mm	35 ÷ 160	35 ÷ 160	35 ÷ 160	35 ÷ 105	35 ÷ 160	35 ÷ 105
Vial height (with PFP – Press on – Screw cap), in mm	40 ÷ 160	40 ÷ 160	40 ÷ 160	NA	NA	NA
Vial height (with Screw cap), in mm	60 ÷ 120	60 ÷ 120	40 ÷ 80	NA	40 ÷ 80	NA
Mechanical output	5,000	6,000	10,000	12,000	18,000	24,000
Closing head	1	1/2	5	5	7	10
Motion	Intermittent	Intermittent	Continuous	Continuous	Continuous	Continuous
Rated power, in kW	2.5	2.5	2.5	2.5	2.5	2.5
Net weight, in kg	720	720	850	850	860	860
Gross weight	1,020 kg	1,020 kg	1,120 kg	1,120 kg	1,120 kg	1,120 kg

