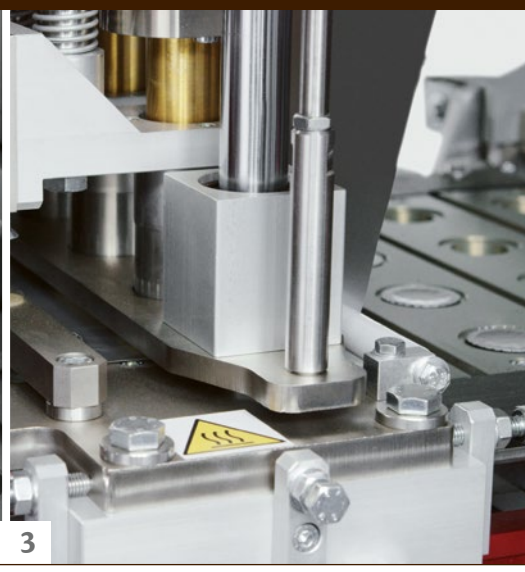
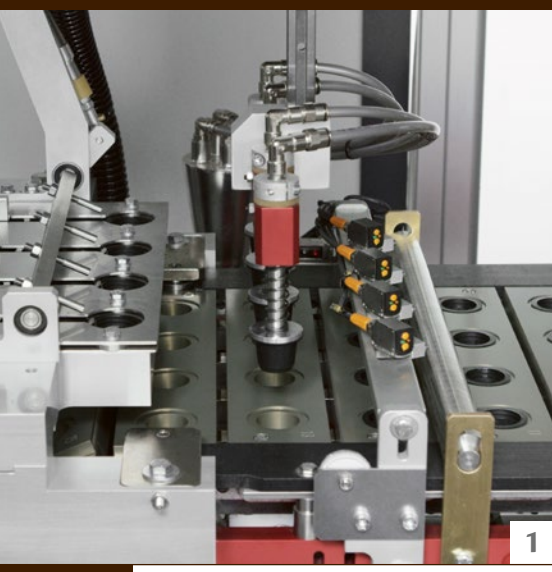


MCA SERIES

CAPSULE FILLING AND SEALING MACHINES

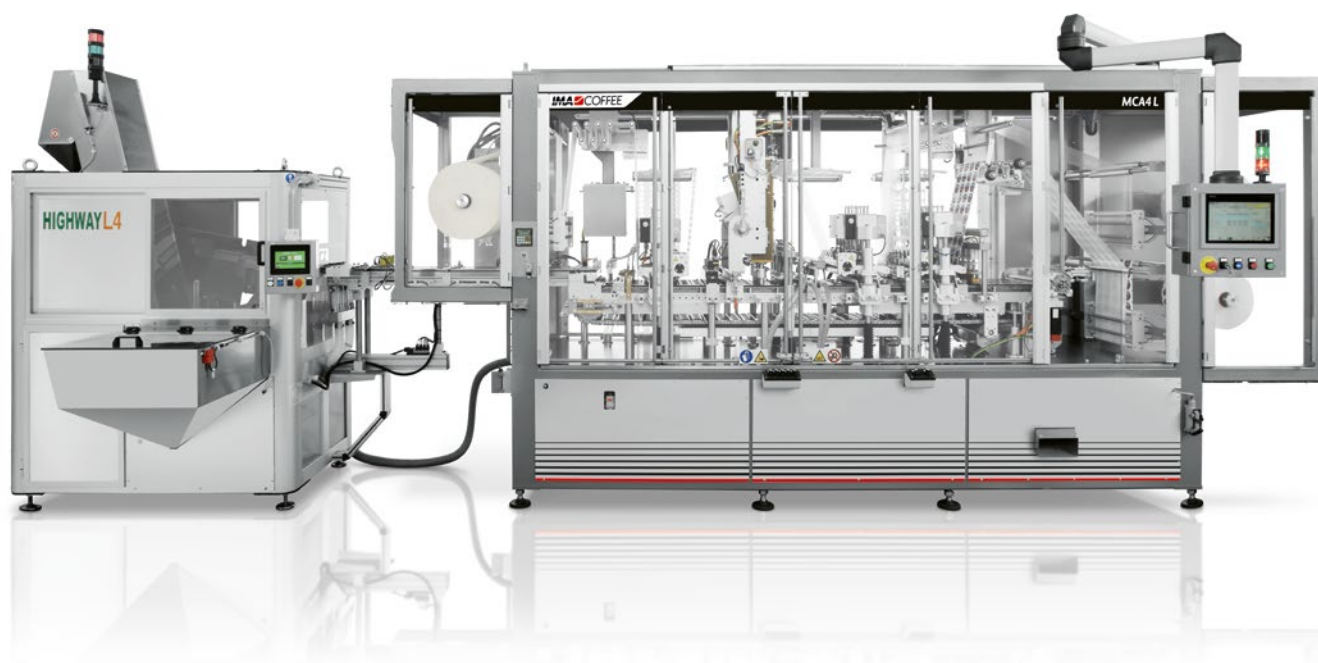


MCA SERIES CAPSULE FILLING AND SEALING MACHINES



The MCA Series is a range of versatile equipment ensuring cost-effective packaging and tried and tested reliability for coffee capsule processing. Available for capacities going from just 70 capsules/min to highly efficient production lines reaching volumes of 240 capsules/min, the MCA Series machines benefit from advanced technical solutions and customers will receive advice and supportive consultancy to safeguard their position in the market. The series of machines with handling chain start with the MCA-1 with a single lane, input pick & place, cutting and welding device for filter (bottom lid and/or top lid) in a unique station.

Dosing is carried out by a volumetric dosing screw and the weight accuracy is ± 0.2 g. Models include the MCA-2 for medium-low production and the MCA-4 for reliable medium-high production. Further to coffee, these machines are designed to dose different products with application of a kit for herbal and instant products. Multiple capsule systems are possible thanks to a simple format change and the MCA Series can be fitted with a host of accessories including integrated vertical packaging units, a nitrogen injection device, check-weigher, vision system and many more.

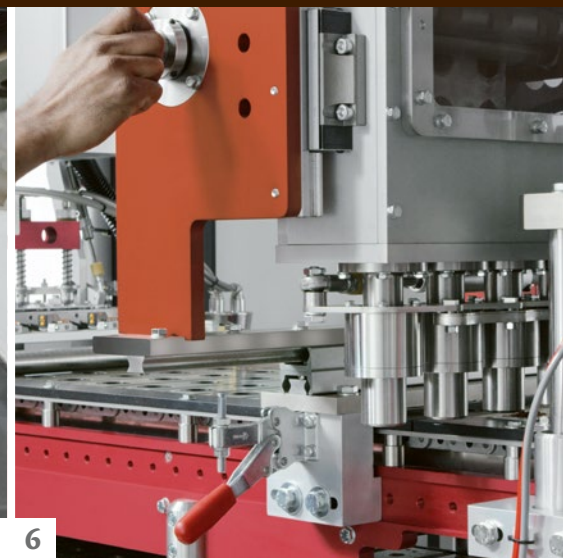




4



5



6

- 1** INFEEEDING PICK & PLACE
- 2** DOSING AND PRESSING UNITS
- 3** LID CLOSING UNIT
- 4** EXIT PICK & PLACE
- 5** TRANSFER CLEANING SYSTEM
- 6** DOSER PULLING OUT SYSTEM

OTHER ACCESSORIES

- Intermediate filter cutting and sealing device
- Ultrasonic sealing device
- Multi-capsule bags
- Hot-coding device
- Grinder machine
- Product loading system
- Double automatic vertical packaging machine
- Vacuum chamber

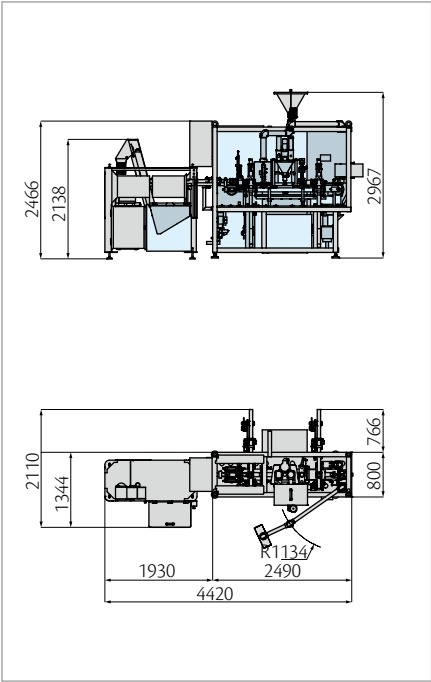
MAIN FEATURES

- COMPACT LINEAR FOOTPRINT FOR MORE SPACE IN THE PRODUCTION AREA
- MODULAR DESIGN ENABLES GREATER CUSTOMISATION OPPORTUNITIES
- SERVO MOTOR-DRIVEN MOVEMENTS ON MCA-2/4/6 EQUIPMENT
- PC-BASED MACHINERY
- INTUITIVE HMI FOR EASIER MACHINE OPERATION AND SET-UP
- DOSING UNIT CAN BE EXTRACTED EASILY FOR EFFICIENT CLEANING AND MAINTENANCE
- COST-EFFECTIVE SOLUTIONS FOR LOW-MEDIUM PRODUCTION OUTPUT

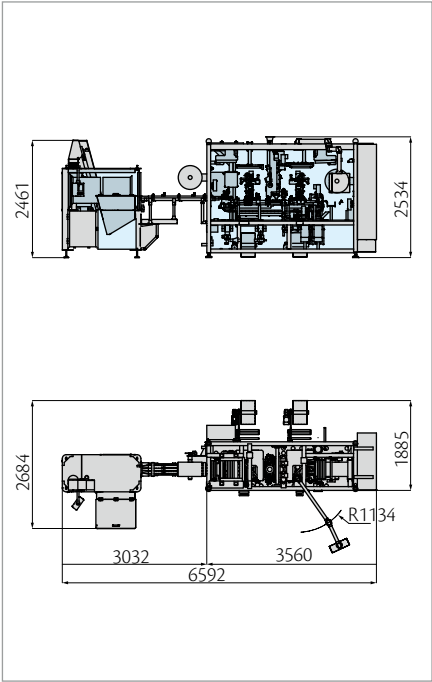


TECHNICAL DATA

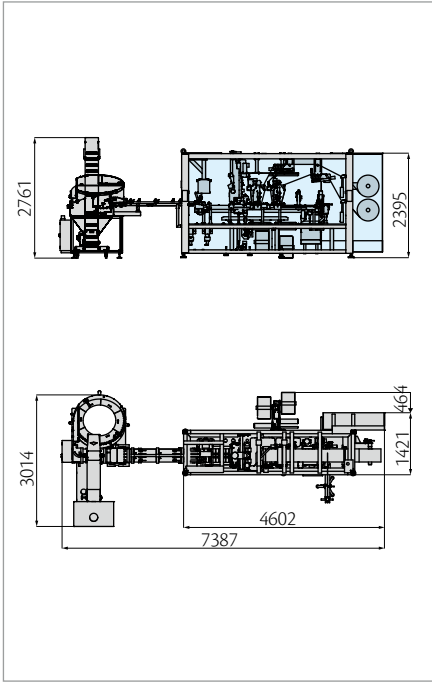
MCA1



MCA4 SHORT



MCA4 LONG



	MCA1	MCA2	MCA4 SHORT	MCA4 LONG
Production speed	70 capsules/min.	130 capsules/min.	240 capsules/min.	240 capsules/min
Installed power	10 kW	16 kW	18 kW	24 kW
Machine weight	1800 Kg	2800 Kg	2200 Kg	2800 Kg
Expected compressed air consumption	400 NI/min	300 NI/min	300 NI/min	350 NI/min
Compressed air pressure	7 bar	7 bar	7 bar	7 bar
Material reel diameter	400 mm max.	400 mm max.	400 mm max.	400 mm max.
Material reel width	60 mm max.	150 mm max.	300 mm max.	300 mm max.

