

FLEXIBLE PACKAGING SOLUTIONS

VFFS AND CARTONING SYSTEMS





TECMAR
3C-130

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THE IMA COFFEE HUB



World-leading designer and manufacturer of automatic processing and packaging equipment for numerous industries, IMA Group has recently established the Coffee Hub, a cluster of specialist brands, each providing a key slice of the experience and expertise needed to serve the coffee industry from A to Z.

Comprising a handful of expert companies and supported through consolidated, strategic partnerships, IMA can now address any issue facing coffee producers.

FLEXIBLE PACKAGING BAGS



VERTICAL BAGGERS LINE - FORM FILL & SEAL

The 3SS bagger models guarantees a high performance output in the packaging of ground coffee and beans.

The design of the machines is based on an Open Frame architecture that provides easy cleaning and accessibility for maintenance and operational adjustments. The machines are controlled by a PLC and equipped with a user friendly HMI, a motorized film unwinding unit, a pneumatic film tension controller and a motorized film alignment system. The baggers, intermittent or continuous motion, including degassing valve applicator and N2 flushing system, are capable of producing and filling 3 side seal bags from 50 cc up to 5000 cc.

- 3C-130/OF intermittent or continuous motion - up to 150 bags/min
- 3C-200/OF intermittent motion - up to 60 bags/min
- 3C-360 intermittent motion - up to 15 bags/min
- 3C-80 Dual intermittent motion - up to 70 cycles/min (2 lanes) - 140 bags/min
- 3C-130 Twin intermittent motion - up to 80 cycles/min (2 lanes) - 160 bags/min
- PRYSMA intermittent motion - up to 50 bags/min



Pillow bag



Hanging hole



Gusseted bag



Block bottom



Flat top



Degassing valve



Quad seal bag

FLEXIBLE PACKAGING STICKS



STICK LINE

Vertical multiline packaging machines to produce tube style pouches to maximize capacity and optimize packaging material consumption. Suitable for liquids, powders and granulated products.

- STICK-200 - up to 70 cycles/min (up to 12 lanes) - 840 sticks/min
- STICK-400 - up to 70 cycles/min (up to 16 lanes) - 1120 sticks/min
- TWIN-200 - up to 70 cycles/min (up to 8 lanes) - 560 sticks/min
- TWIN-400 - up to 70 cycles/min (up to 12 lanes) - 840 sticks/min



Centered vertical seal



Pour spout



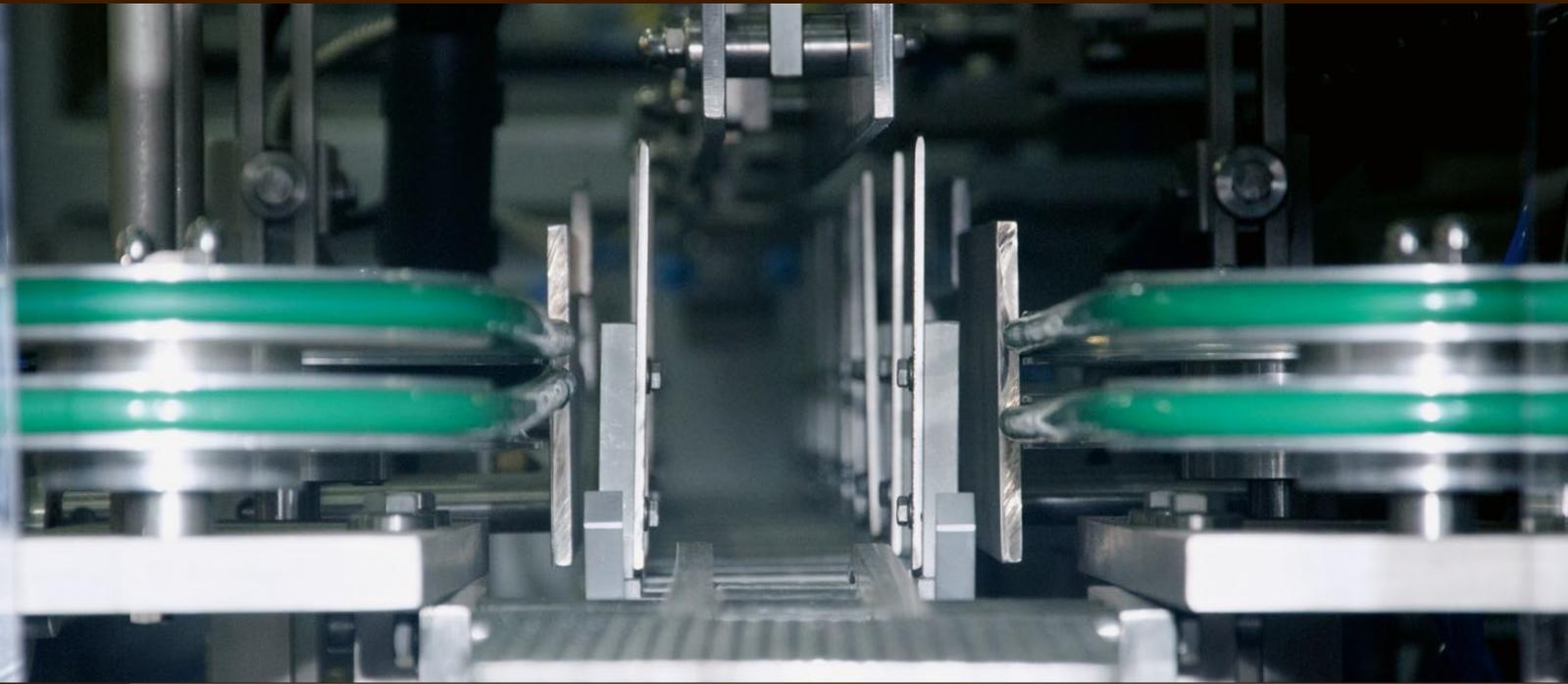
Easy opening features



Fin seal



CARTONERS FOR FLEXIBLE PACKAGING



AVA - INTERMITTENT MOTION CARTONING MACHINES FOR FLEXIBLE POUCHES

Configurable intermittent motion equipment that collates and stacks flexible pouches introducing them into cartons or display-boxes.

- AVA 100 - up to 70 cartons/min
- AVA 200 - up to 70 cartons/min



Multi-product horizontal cartoning



Single product horizontal cartoning



Display cartoning



EK - CONTINUOUS MOTION CARTONING MACHINES FOR FLEXIBLE POUCHES

Configurable continuous motion equipment that collates and stacks flexible pouches introducing them into cartons or display-boxes.

- EK 100 - up to 150 cartons/min
- EK 160 - up to 140 cartons/min



Multi-product horizontal cartoning



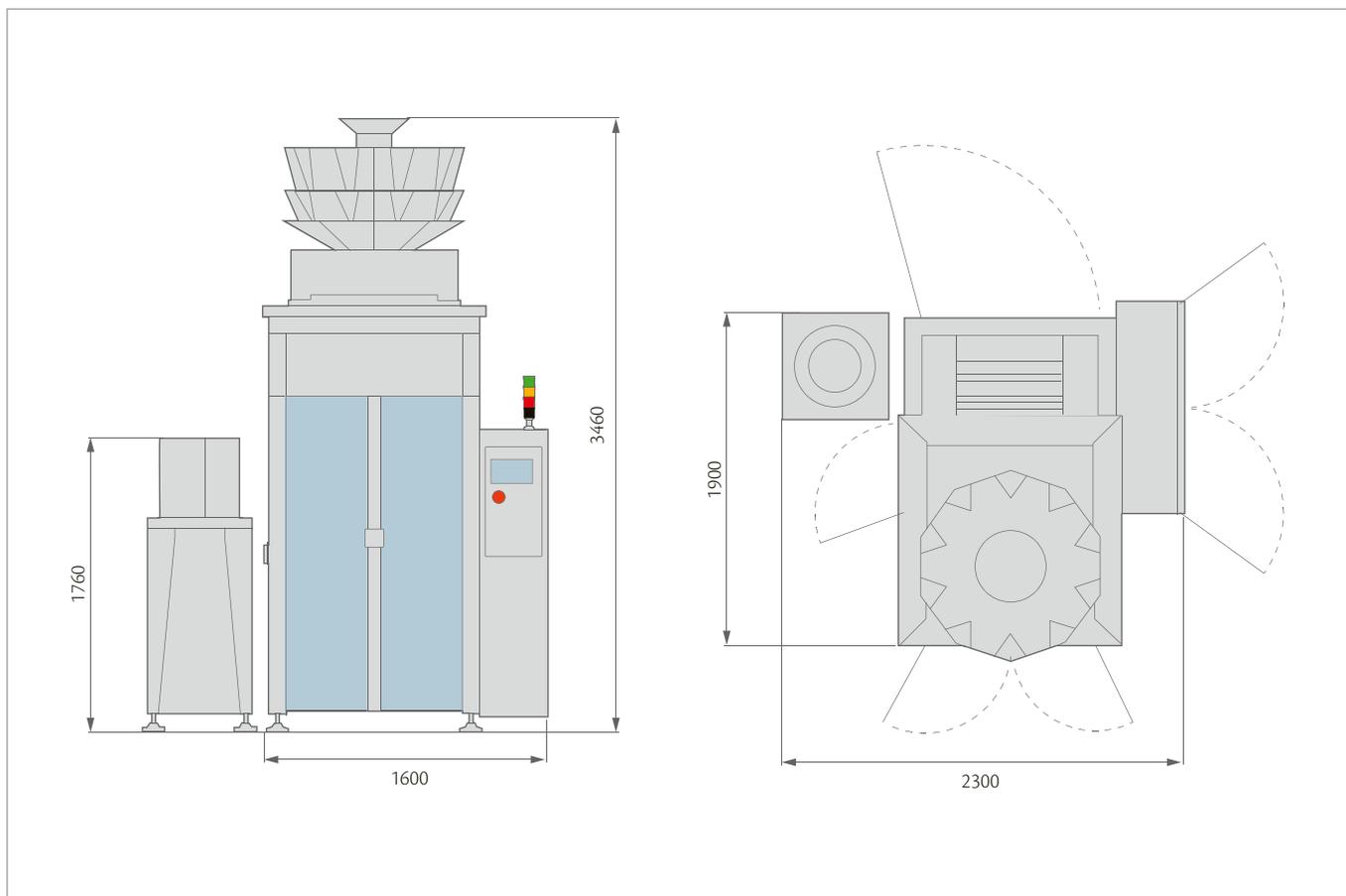
Single product horizontal cartoning



Display cartoning

TECHNICAL DATA - BAGS

3C-130/OF



INTERMITTENT MOTION MACHINES

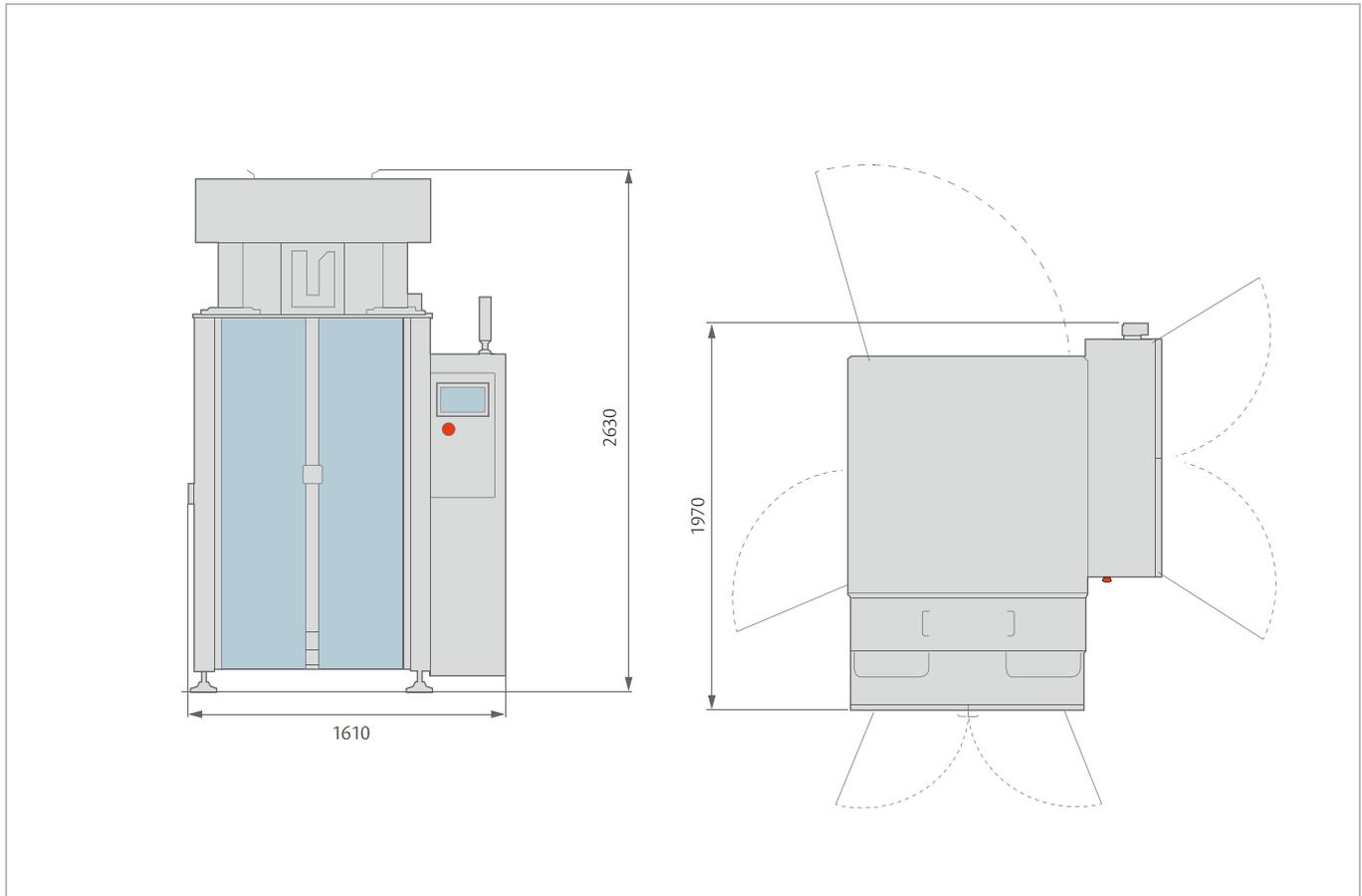
| | SEALING WIDTH (min-max / mm) | MAX SPEED - STROKES (cycles/min.) |
|-------------|---------------------------------|--------------------------------------|
| 3C-130/OF | 65-235 | 80 |
| 3C-200/OF | 135-350 | 60 |
| 3C-360 | 350-565 | 15 |
| 3C-80 Dual | 65-125 | 70 |
| 3C-130 Twin | 65-235 | 80 |
| PRYSMA | 65-220 | 50 |

CONTINUOUS MOTION MACHINES

| | SEALING WIDTH (min-max / mm) | SPEED - STROKES (cycles/min.) |
|-----------|---------------------------------|----------------------------------|
| 3C-130/OF | 65-205 | 150 |

TECHNICAL DATA - STICKS

STICK-200



STICK

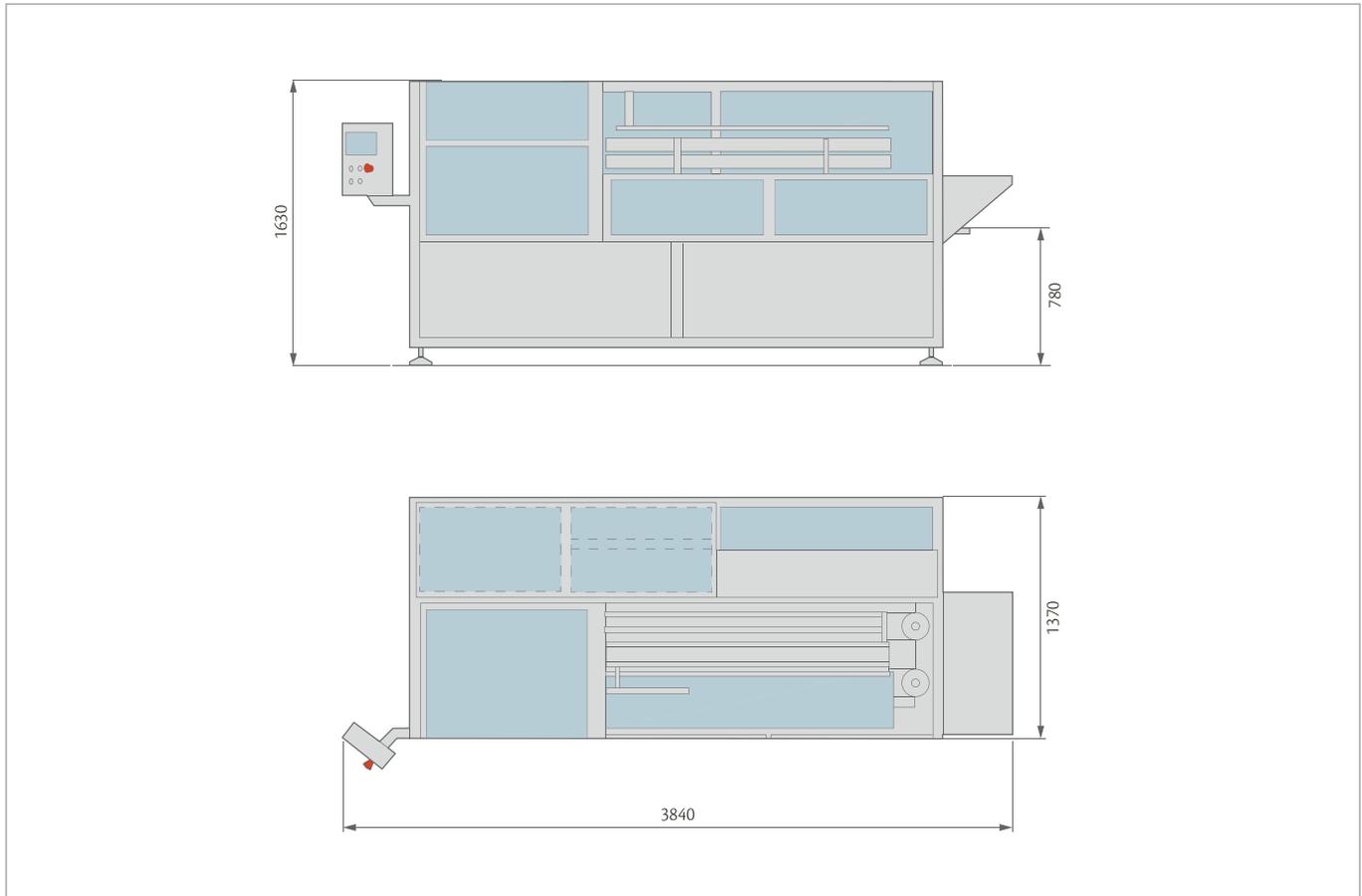
| | SEALING WIDTH (min-max / mm) | MAX SPEED (sticks/min.) | LANES |
|-----------|---------------------------------|----------------------------|-------|
| STICK-200 | 15-400 | 70 | 12 |
| STICK-400 | 15-600 | 70 | 16 |

FIN SEAL

| | SEALING WIDTH (min-max / mm) | MAX SPEED (sticks/min.) | LANES |
|----------|---------------------------------|----------------------------|-------|
| TWIN-200 | 25-440 | 70 | 8 |
| TWIN-400 | 25-600 | 70 | 12 |

TECHNICAL DATA - CARTONERS

AVA-100



INTERMITTENT MOTION MACHINES (CONFIGURABLE)

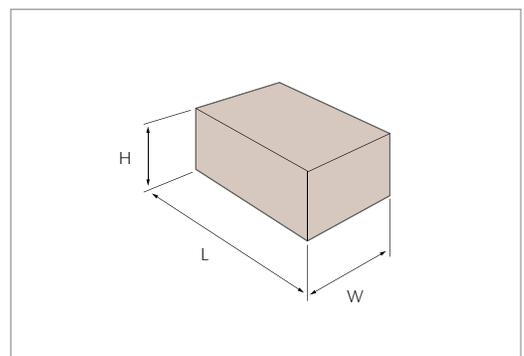
| | WIDTH (min-max / mm) | LENGHT (min-max / mm) | HEIGHT (min-max / mm) | MAX SPEED (cartons/min.) |
|---------|-------------------------|--------------------------|--------------------------|-----------------------------|
| AVA-100 | 60-110 | 90-130 | 30-120 | 70 |
| AVA-200 | 100-210 | 90-150 | 70-160 | 70 |

EK-100



CONTINUOUS MOTION MACHINES

| | WIDTH (min-max / mm) | LENGHT (min-max / mm) | HEIGHT (min-max / mm) | MAX SPEED (cartons/min.) |
|--------|-------------------------|--------------------------|--------------------------|-----------------------------|
| EK-100 | 48-100 | 90-130 | 25-60 | 150 |
| EK-160 | 85-160 | 95-230 | 27-110 | 140 |





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