



MECCANOPLASTICA

GROUP



EBM



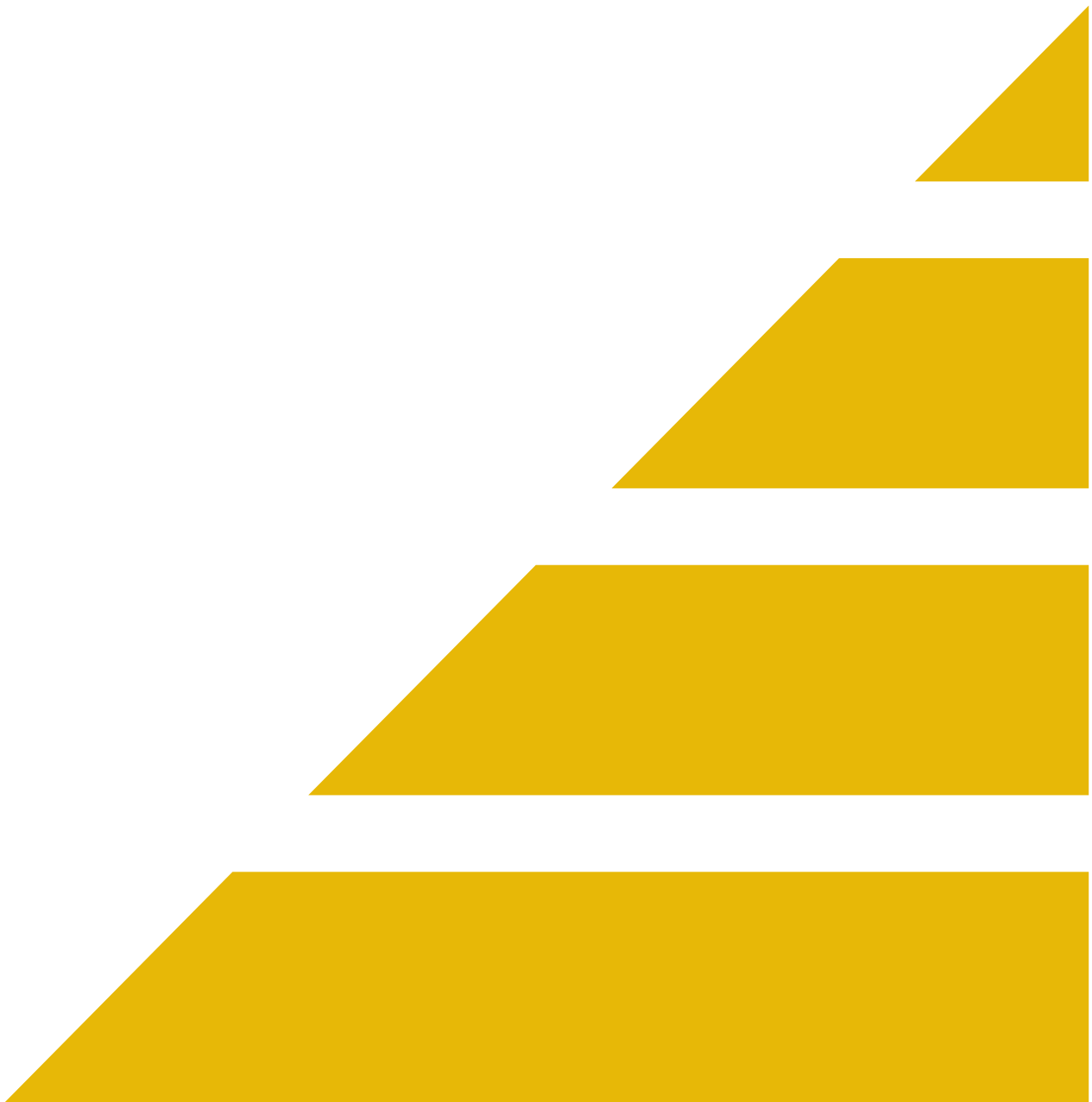
IBM



SBM

Passionate People Lasting Solution

**EXTRUSION BLOW MOULDING MACHINES
INTERACTIVE CATALOGUE**



OUR GROUP: YOUR GLOBAL BLOW MOULDING PARTNER



Founded in the heart of Tuscany in 1983, Meccanoplastica has grown together with its customers. Over time, we have developed and evolved from a small company, made up of its three founding partners, into an industrial concern active on the Italian and foreign markets, with Facilities in Florence (Italy) and Barcelona (Spain). We are among the very few to design and manufacture plastic processing machines based on three different technologies: extrusion blow moulding, injection blow moulding, and stretch blow moulding for PET preforms.

Always looking to the future, planning, designing and ever striving to innovate, we aim to keep ahead of the times, to go on giving our customers exactly what they want.

But we are conscious of the past too, proud of the way our company has evolved on the basis of what for us are the cornerstone qualities: hands-on experience, knowledge and passion.

MISSION & ESG PILLARS

The milestone of Meccanoplastica's mission is a set of shared values that pervade the corporate spirit and are the basis of all the activities carried out. These values are an essential part of corporate governance, on which all decisions and actions implemented by Meccanoplastica are based.

The Company is committed to adopting these values, which range across different areas, such as ethics, the environment and safety, with the aim of pursuing constant improvement towards Sustainable development. The Sustainability Plan drawn up by the Company fits into this perspective, as well as the verification of its Sustainability rating, entrusted to an internationally recognized body such as ECOVADIS, which produced a first result in 2024 with the Bronze Medal.



MISSION & ESG PILLARS

THE SHARED VALUES OF MECCANOPLASTICA

- Fairness and transparency
- Listening
- Conflict of interest management
- Fight against corruption and bribery
- Anti-money laundering
- Respect for the Individual - Diversity and inclusion
- Growth and Training
- Attention to the environment
- Health and safety at work
- Protection of human rights
- Supply chain management
- Confidentiality and data protection
- Managing of gifts and gratuities
- Industry, trade and protection of industrial property rights



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**HE SERIES-Up to 30L
Full Electric
EBM MACHINES**

HE SERIES - EBM MACHINES



Focused on the all-electric solutions, our Continuous Extrusion Blow Moulding machineries range is suitable to produce bottles for any packaging markets: Food and Beverage, Pharmaceutical sector, Home and Personal care, Cosmetics, Chemical, and Industrial packaging, including Lubricants and Oils. Our wide customers range operates in these various market sectors, demanding an extremely high level of performance and manufacturing specialization. Customers rely on our experience to find the proper solutions for their applications.

Our machineries models fulfill these requirements thanks to advanced technological solutions, best-in-class quality, optimal design implementation of mechanical components, high efficiency, and flexible solutions to process plastic materials.



Applications

- ▶ cosmetic & healthcare
- ▶ pharmaceutical
- ▶ food & beverage
- ▶ consumer packaging
- ▶ industrial packaging



cosmetic & healthcare



pharmaceutical



food & beverage



consumer packaging



industrial packaging



HE SERIES - EBM MACHINES




As well as being very noiseless, the Extrusion Blow Moulding machines of the full-electric HE series ensure extremely high-performance levels to ensure fast and accurate operation and production.

They allow for lower energy consumption and are suitable for the production of containers of up to 30 liters in volume.

HE SERIES - EBM MACHINES



MODEL	CARRIAGE STROKE (MM)	MOULD-CLAMPING FORCE (TM)	VOLUME RANGE (ML)	INFO
HE350S/L (single station)	350-400	6 Tons	up to 2L	
HE350X/D (double station)	350-400	6 Tons	up to 2L	
HE480S/L (single station)	480-550	12 Tons	up to 5L	
HE480D (double station)	480	12 Tons	up to 5L	
HE550S (single station)	550	16 Tons	up to 5L	
HE550D (double station)	550	16 Tons	up to 5L	
HE660D/X (double station)	660-850	16 Tons	Up to 5L	
HE750S/M (single station)	750	30 Tons	from 5L up to 30L	
HE750D (double station)	750	30 Tons	from 5L up to 30L	
HE800D (double station)	800	22 Tons	up to 10L	

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MP SERIES-Up to 5L
HL SERIES-Up to 15L
Hydraulic
EBM MACHINES

MP SERIES & HL SERIES - EBM MACHINES



MP SERIES - The Continuous Extrusion Blow Moulding machines in this series provides a Mould carriage stroke on 15° inclined columns. This series is suitable to produce containers from 5ml. up to a maximum volume of 5L. This series includes both hydraulic and hybrid technology.

HL SERIES - The HL series is characterized by the Mould-Carriage stroke on horizontal prismatic guides and the "UP & DOWN" movement of the extruder by an electric motor ("Bobbing"). Accordingly, these machines are particularly suitable for both very high production requirements (multi-cavity), as well as the implementation of containers of up to 15 litres in volume. This series includes both hydraulic and hybrid technology.









MP SERIES & HL SERIES - EBM MACHINES



MODEL	CARRIAGE STROKE (MM)	MOULD-CLAMPING FORCE (TM)	VOLUME RANGE (ML)	INFO
MP1D	260	35	5-1000	
MP2L	320	53	5-2000	
MP2D	350	53	5-2000	
MP5M - 5L	400-450	95	100-5000	
MP5D - 5X	400-450	95	100-5000	

MP SERIES & HL SERIES - EBM MACHINES



MODEL	CARRIAGE STROKE (MM)	MOULD-CLAMPING FORCE (TM)	VOLUME RANGE (ML)	INFO
HL500S	490	140	1-5	
HL500D	490	140	1-5	
HL500L	550	200	1-5	
HL600S	620	200	1-15	
HL600L	700	200	1-15	
HL600D	620	200	1-15	

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**THREE & FOUR STATION
IBM MACHINES**

THREE & FOUR STATION - IBM MACHINES



The JET series is unique within the Injection-Blow Moulding machinery sector. Meccanoplastica was the first company globally to make this kind of machinery, featuring fully-electric operation.

This is why the JET series of machines (JET65, JET85, JET120, JET150, JET175 & JET75-4) are ideal for applications where you need to ensure there are no polluting agents when the container is made, as well as ensuring considerable energy savings vs. Traditional Hydraulic machinery.

The JET series machines are most suitable for operation within the medical, pharmaceutical, and cosmetics sector. They have the flexibility to make containers ranging in capacity from 5ml to 300ml and have flexibility in terms of Center of Pressure location and in the number of cavities which can be achieved.



Applications

- ▶ cosmetic & healthcare
- ▶ pharmaceutical
- ▶ food & beverage
- ▶ consumer packaging
- ▶ industrial packaging



cosmetic & healthcare



pharmaceutical








THREE & FOUR STATION - IBM MACHINES



These injection blow moulding machine series are suitable for producing small plastic bottles with capacities of between 5 ml and 300 ml, and they are available with varying characteristics depending on the spaces where the moulds, which may have more or fewer cavities, are placed.

THREE & FOUR STATION - IBM MACHINES



MODEL	INJECTION MOULD-CLAMPING FORCE (TM)	BLOWING MOULD-CLAMPING FORCE (TM)	INFO
JET65	60	5	
JET85	75	10	
JET120	100	20	
JET150	120	20	
JET175	140	20	



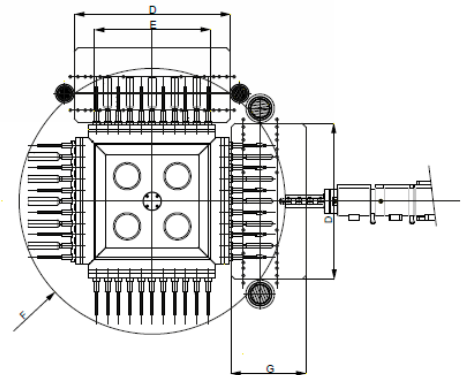
THREE & FOUR STATION - IBM MACHINES



INFO JET75



65-ton mould-clamping (injection) force
11-ton mould-clamping (blowing) force



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MIPET P-SERIES

Up to 2,5L

SBM MACHINES



MIPET P-SERIES - SBM MACHINES



Meccanoplastica Iberica started as a small business project that has grown organically, based on the continuous development of the machineries range the company has successfully grown and has been fully integrated into one of the main groups of machinery for the plastic container manufacturing industry: the Meccanoplastica Group.

Our technologies are present worldwide. In our headquarters in Barcelona, we have facilities of approximately 3000 sq meters where we develop and manufacture all of our all-electric machinery line, namely the MIPET Series: Stretch Blow Moulding solutions from 100 ml. up to 10L.

Our machines operate with PET and rPET preforms with excellent quality results in any type of bottle.



Applications

- ▶ cosmetic & healthcare
- ▶ pharmaceutical
- ▶ food & beverage
- ▶ consumer packaging



cosmetic & healthcare



pharmaceutical



food & beverage







consumer packaging

MIPET P-SERIES - SBM MACHINES



STEP BY STEP MOVEMENT - CARRIER SYSTEM

MODEL	CAVITIES	LITERS	BPH	INFO
MIPET 1M	1	Up to 1,0 lts	Up to 1500 bph	
MIPET 1PN	1	Up to 1,5 lts	Up to 1000 bph	
MIPET 1P	1	Up to 2 - 2,5 lts	Up to 1500 bph	
MIPET 2P	2	Up to 2 - 2,5 lts	Up to 3000 bph	



MIPET P-SERIES - SBM MACHINES







CONTINUOUS MOVEMENT - STAR LOADING SYSTEM

MODEL	CAVITIES	LITERS	BPH	INFO
MIPET 2PN	2	Up to 2 lts	Up to 4000 bph	
MIPET 4P	4	Up to 2 - 2,5 lts	Up to 6000 bph	

MIPET P-SERIES - SBM MACHINES



CONTINUOUS MOVEMENT - STAR LOADING SYSTEM

MODEL	CAVITIES	LITERS	BPH	INFO
MIPET 4PS	4	Up to 2 lts	Up to 8000 bph	
MIPET 6P	6	Up to 2 - 2,5 lts	Up to 9000 bph	
MIPET 6PS	6	Up to 2 - 2,5 lts	Up to 12000 bph	
MIPET 8P	8	Up to 2 - 2,5 lts	Up to 12000 bph	

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MIPET G-SERIES
Up to 10L
SBM MACHINES

MIPET G-SERIES - SBM MACHINES



STEP BY STEP MOVEMENT - CARRIER SYSTEM




MODEL	CAVITIES	LITERS	BPH	INFO
MIPET 1G	1	Up to 10 lts	Up to 1200 bph	
MIPET 1GM	1 2	Up to 10 lts Up to 2 lts	Up to 1200 bph Up to 2000 bph	
MIPET 1GX	1	Up to 30 lts	Up to 300 bph	



MIPET G-SERIES - SBM MACHINES



CONTINUOUS MOVEMENT - STAR LOADING SYSTEM

MODEL	CAVITIES	LITERS	BPH	INFO
MIPET 2G	2	Up to 10 lts	Up to 2800 bph	
MIPET 3G	3	Up to 10 lts	Up to 3600 bph	
MIPET 4G	4	Up to 10 lts	Up to 4800 bph	




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MIPET - Special solution
SBM MACHINES



MIPET special solution - SBM MACHINES



MODEL	CAVITIES	LITERS	BPH	INFO
MIPET 1PA	1	Up to 1,25 lts Angle neck 30°	Up to 1200 bph	
MIPET 1GT	1	Up to 10 lts Jars - neck 120	Up to 1200 bph	
MIPET 1PV	1	Glasses Neck up to 80	Up to 400 bph	

MIPET special solution - SBM MACHINES



Combo blower + filler + capper.

Floor space and transport elements savings
Consumption and maintenance reduction
Adaptable to each project / need / industry
MIPET Flexible solutions

INFO COMBI





**Passionate People
Lasting Solution**







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