



Impactor
presses
from 600
to 6,000 kg



Impactor presses

PM6 - PM30 - PM60
PM6P - PM30P - PM60P

At the time of ISO standardization, identification and traceability of parts, EMG presses propose a range of impactor presses and numbering, riveting and crimping accessories combining performance, precision and security.

This range is found in numerous workshops. The power delivered is constant and regular, and remains exact irrespective of the force applied on the lever.

These presses have an adjustable impact force and a mechanism which forbidding the double impact return effect.

POSSIBILITY OF MARKING - Indicative values
(number of characters depending on the height and material)

	600 kg		3 000 kg		6 000 kg	
	Aluminium	Iron	Aluminium	Iron	Aluminium	Iron
1 mm	14	7	28	15	75	36
2 mm	12	5	24	12	65	26
3 mm	8	3	20	9	56	17
4 mm	6	2	16	8	50	15
5 mm	5	1	14	6	46	12
6 mm	-	-	6	3	40	8
10 mm	-	-	3	1	20	5

1 - Manual Impactor presses from 600 to 6,000 kg



PM6

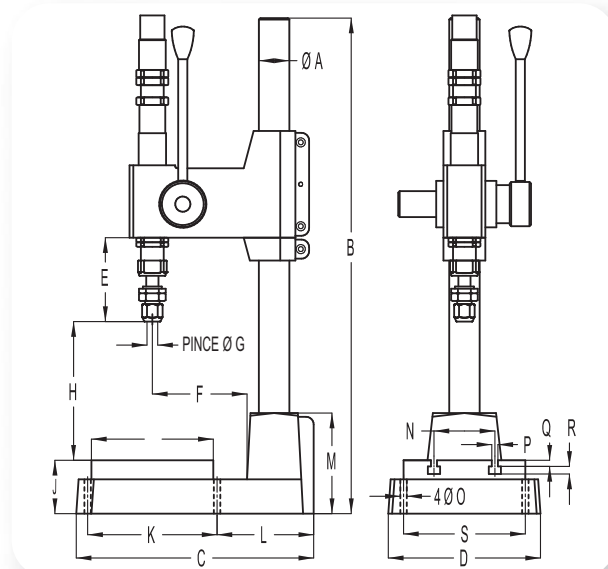
PM30

PM60

Table of values of manual impactor presses

	PM6	PM30	PM60		PM6	PM30	PM60
A	Ø 30	Ø 40	Ø 70	K	135	170	230
B	500	650	1000	L	80	127	190
C	215	312	445	M	70	132	190
D	130	200	280	N	50	80	120
E	46	110	145	O	Ø 6,50	Ø 8,50	Ø 10,50
F	86	123	174	P	6	8	12
G	Ø6 x 27	Ø 10 x 38	Ø 16 x 48	Q	9	10	13
H	30 - 250	40 - 250	70 - 520	R	6	8	9
I	100	160	220	S	90	160	230
J	50	70	90				

	PM6	PM30	PM60
Power (kg)	600	3 000	6 000
Max. downstroke (mm)	25	40	40
Impact stroke (mm)	0,2	0,2	0,2
Adjustable clear height (mm)	30 to 250	40 to 250	70 to 520
Swan-neck depth (mm)	86	123	174
Ø of the shank of the tool (mm)	Ø6 x 27	Ø10 x 38	Ø16 x 48
Table (mm)	100 x 100	160 x 160	220 x 220
Weight (kg)	11	30	100



2 - Pneumatic Impactor presses from 600 to 6,000 kg



PM6 P

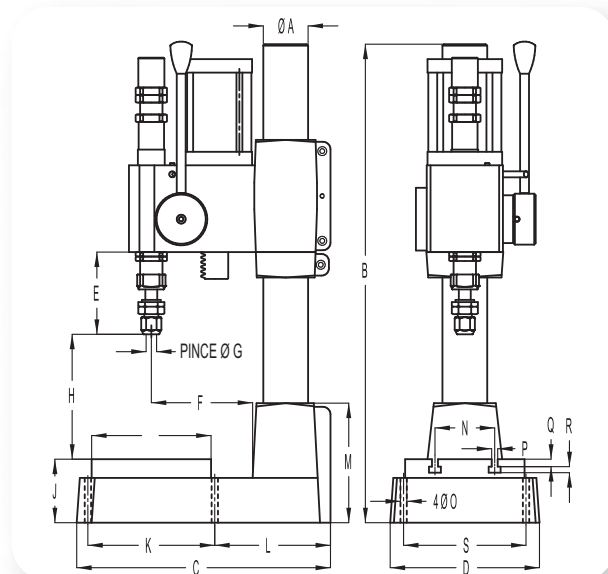
PM30 P

PM60 P

Table of values of manual impactor presses

	PM6 P	PM30 P	PM60 P		PM6 P	PM30 P	PM60 P
A	Ø 40	Ø 60	Ø 100	K	110	170	250
B	500	640	830	L	117	155	228
C	242	340	503	M	90	150	210
D	140	200	300	N	50	80	120
E	46,5	110	145	O	Ø 6,50	Ø 8,50	Ø 10,50
F	86	135	190	P	6	8	12
G	Ø6 x 27	Ø 10 x 38	Ø 16 x 48	Q	6	8	9
H	40 - 300	60 - 300	100 - 300	R	9	10	13
I	100	160	240	S	110	164	250
J	60	85	110				

	PM6 P	PM30 P	PM60 P
Power (kg)	600	3 000	6 000
Max. downstroke (mm)	30	40	45
Impact stroke (mm)	0,2	0,2	0,2
Adjustable clear height (mm)	40 to 300	60 to 300	100 to 300
Swan-neck depth (mm)	86	135	190
Ø of the shank of the tool (mm)	Ø6 x 27	Ø10 x 38	Ø16 x 48
Table (mm)	100 x 100	160 x 160	240 x 240
Weight (kg)	15	38	120



> Versions of the control for pneumatic presses



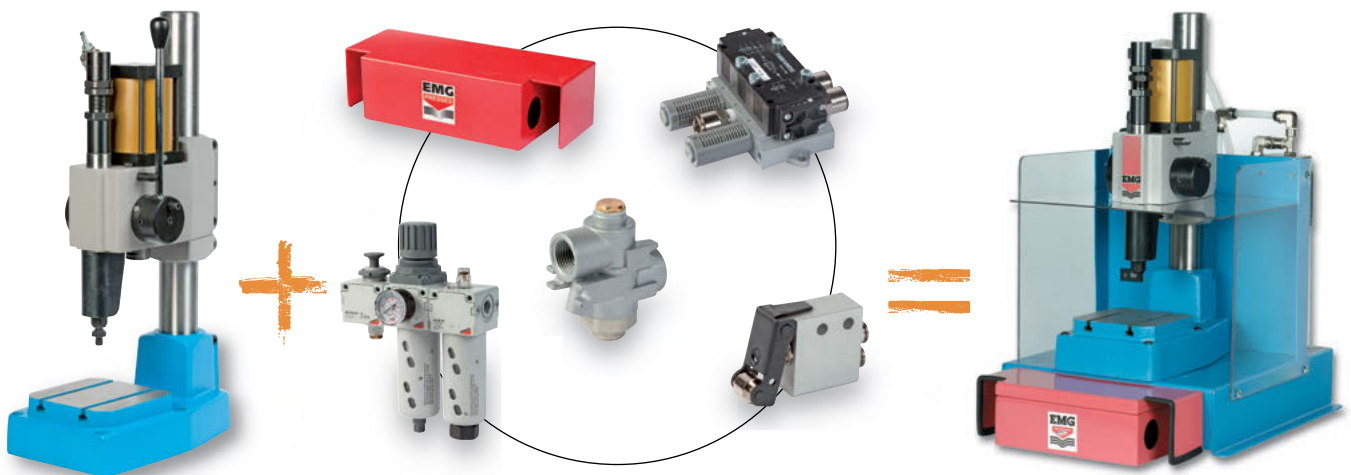
• Version 1: intended for integration by the customer

Only machine delivered, no controls, no equipment.

• Version 2: running condition with two hand controls

Version 1 + :

- Two hand controls with push buttons.
- Protection of side and top tables.
- Distributor, check valve and pneumatic fittings.
- Regulation and lubrication filter (lockable).

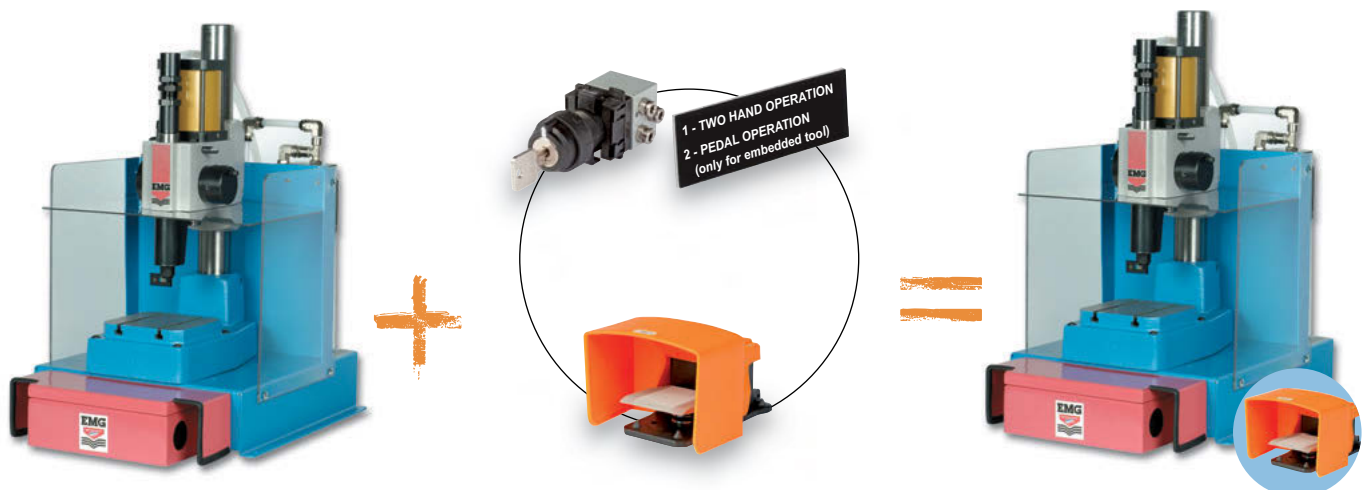


• Version 3: running condition with two hand or pedal controls

Version 2 + :

- Pedal control for embedded **tool working***
- 2-position key selector.

**Definition: The embedded tools must be intrinsically safe. Their corresponding openings and safety distances must be in compliance with the standards in force or must not exceed 6 mm. Any risk of additional deformation outside the embedded tools must be avoided.*



> Options

• Counter

5 digit counter with reset.



• Base support and lateral panels

Option press base support and set of 2 350x250 mm side panels.

These accessories allow designing a very ergonomic workstation:

- Legs passage 450 mm.
- Height of base support 730 mm (755 mm with anti-vibration supports).
- Lateral panels inclined for the 350 x 250 mm parts.



• Exhaust filter

Complete exhaust filter system for reduction in pollution and noise levels (75dB instead of 85).



• Anvil stakes

Set of 2 anvil stakes for securing the tools in T slots.



• Marking accessories

A significant range of accessories is available on request: manual or pneumatic numbering heads, press holders with characters, punches...



Additional options

- On request: special bores, complete press head only.
- Special RAL paint.
- Special services on request (press modifications, small tooling and fitting).



A mark of excellence in productivity

EMG has earned its reputation of excellence thanks to its integrated design and production methods and a solid technological prowess. This is backed up by an efficient distribution network, in compliance with the expectations of manufacturers.

Benefitting from a strategy dedicated to quality and active search of performances, EMG equipments ensure competitiveness, reliability and durability which are the core values for productivity of companies in numerous domains:

- Watchmaking, jewellery,
- Mechanical optics,
- Electrical equipments,
- Automotive industry,
- Electrical goods, toys,
- Locksmithing...

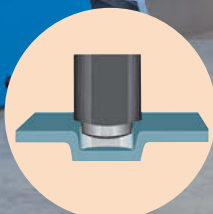
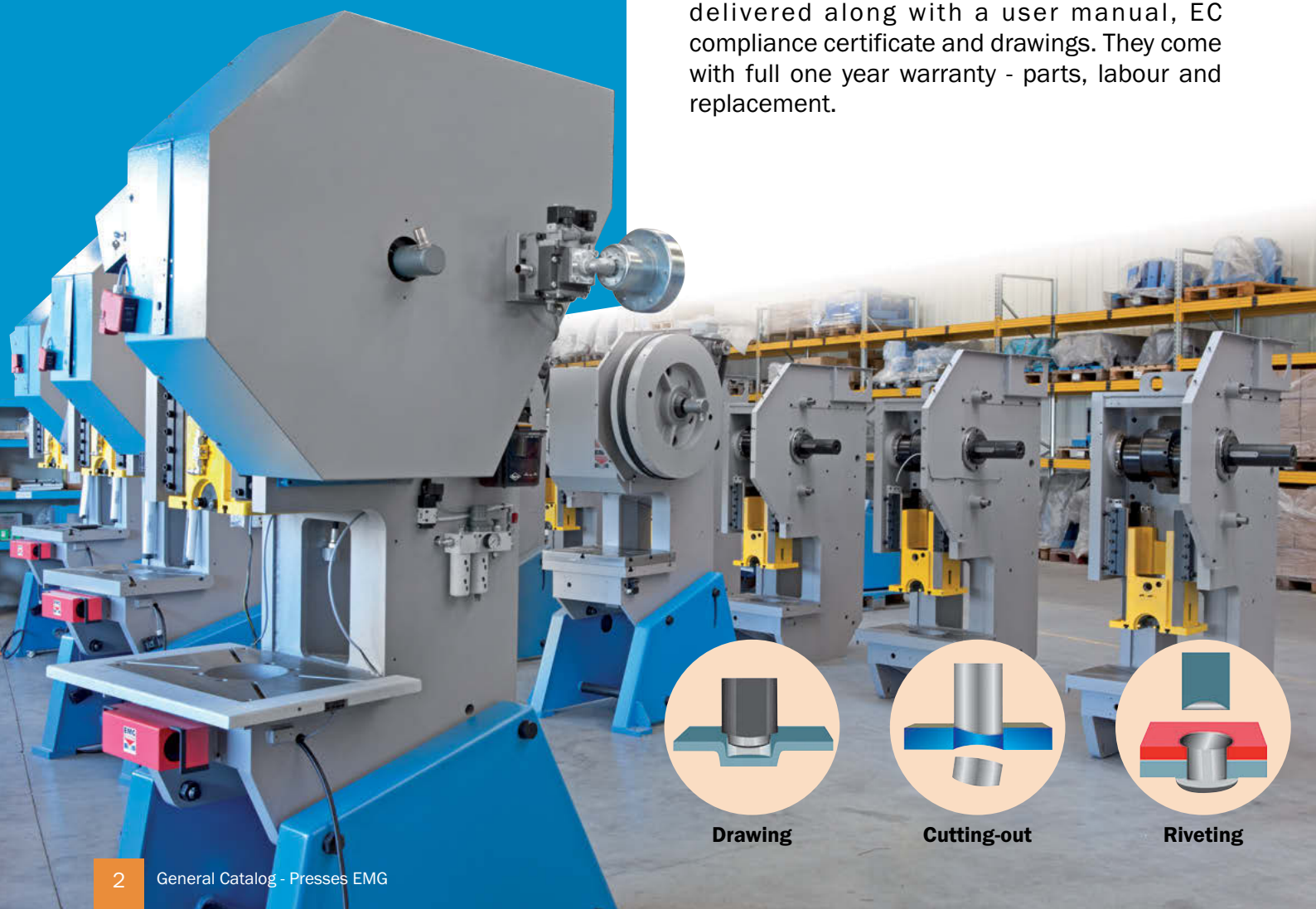


“Some important points” from standard to custom-made

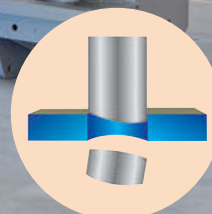
The various operations are executed carefully thanks to the power reserve of each model and a precision of a very rigorous assembly.

The entire EMG range offers a wide range of options and adaptations to satisfy the requirements of each application: LONG thus undertakes to design and equip special machines required by the specific activities of each and every profession.

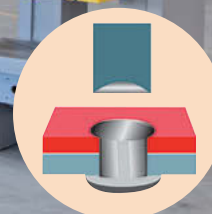
ISO-9001 certified since 2000, EMG presses are delivered along with a user manual, EC compliance certificate and drawings. They come with full one year warranty - parts, labour and replacement.



Drawing



Cutting-out

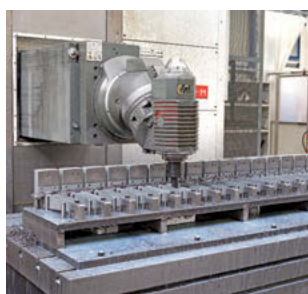


Riveting

Developing breakthrough technology for the last 60 years

Manufacturer with a well-recognized expertise, EMG has developed, for the last 3 generations, a wide range of products and services appreciated by the manufacturers all around the world.

Used successfully since 1966 in numerous industry sectors, EMG presses have been the most reliable partner of manufacturers, offering equipments synonymous to precision and durability.



Integrated production and skills

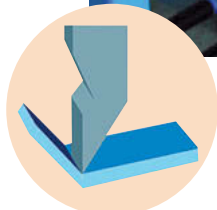
The production workshops facilitate integrated production from A to Z ensured by a multi-disciplinary team proficient in all the production steps, from designing to complex mechanical operations and assembly with precision, going through various machining operations: milling, turning, surface or cylindrical grinding. EMG also integrates thermal or surface treatment, mechanised-welding with machining, or paint.



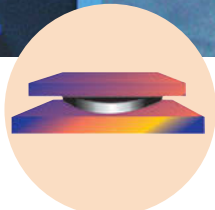
EMG test space for your samples

EMG proposes for its customers, at its headquarters, a showroom and a test laboratory related to the production workshops, allowing using and handling all our models.

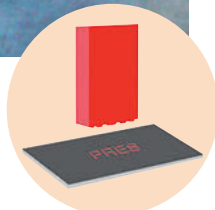
It is this department where all the tests on presses are carried out from the samples submitted by our customers and potential customers.



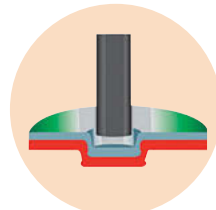
Folding



Pressing



Marking

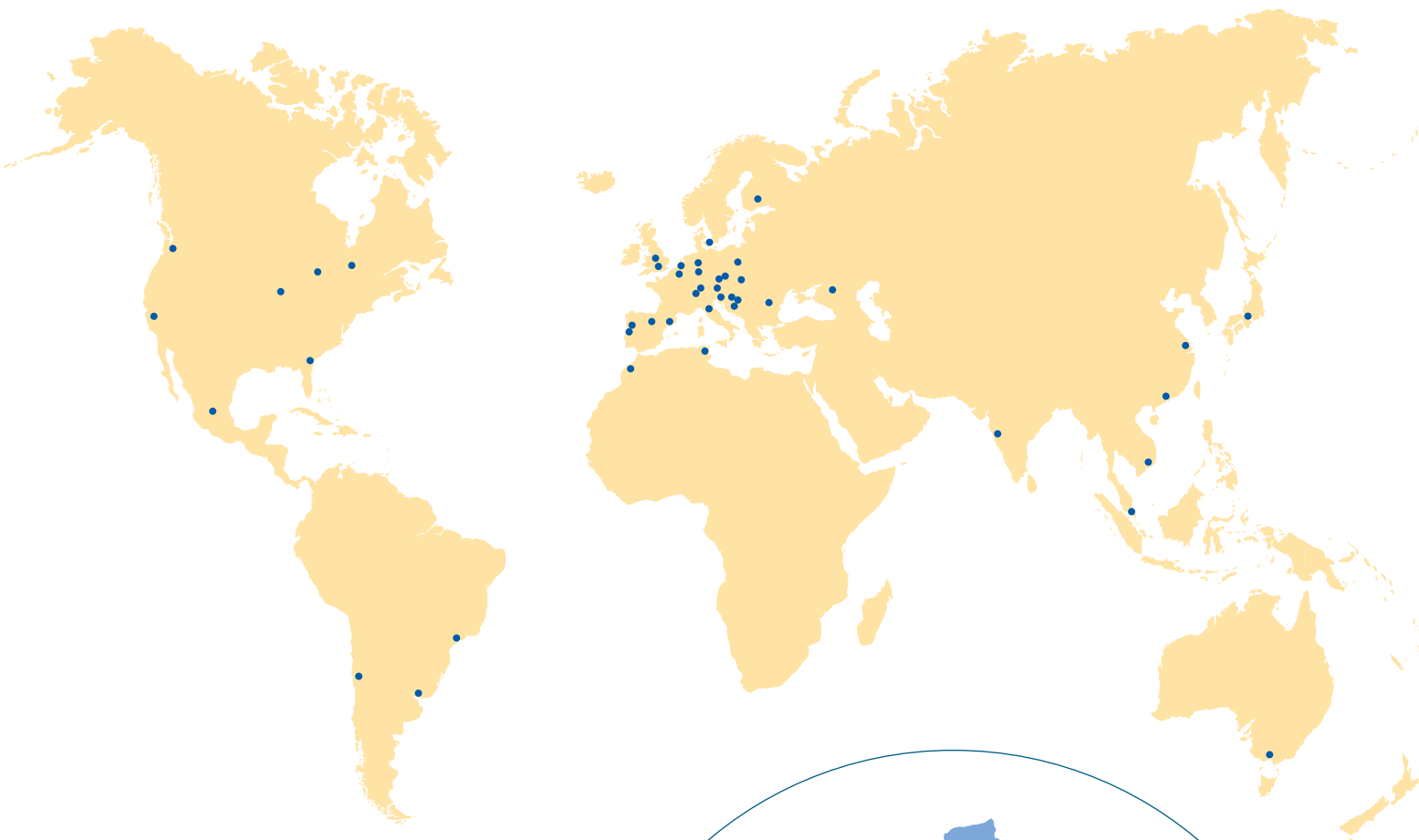


Assembling



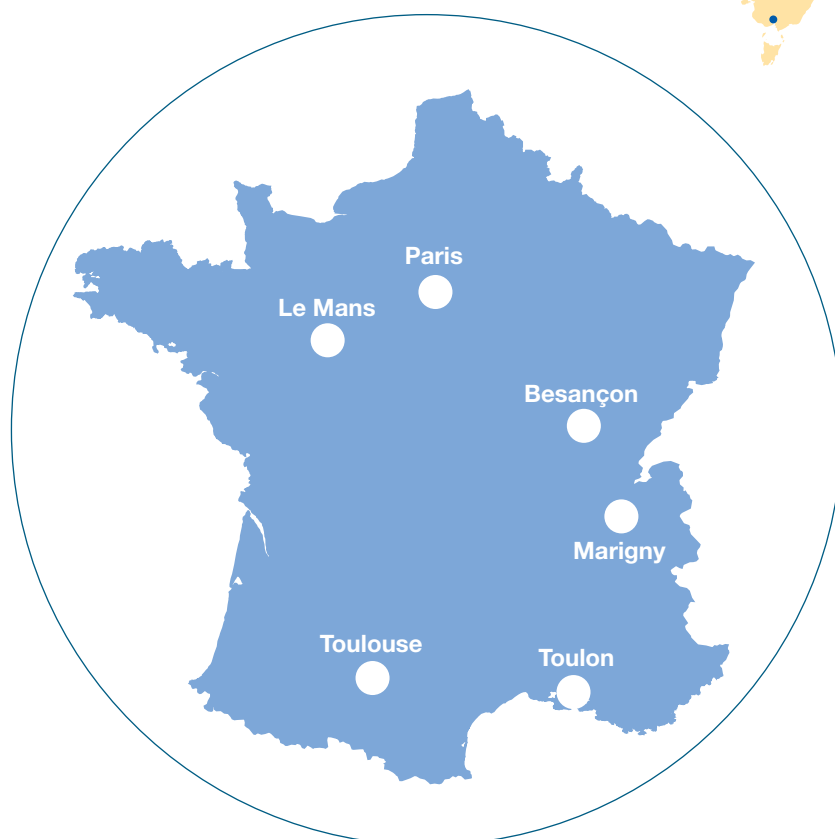
> EMG presence in France and around the world

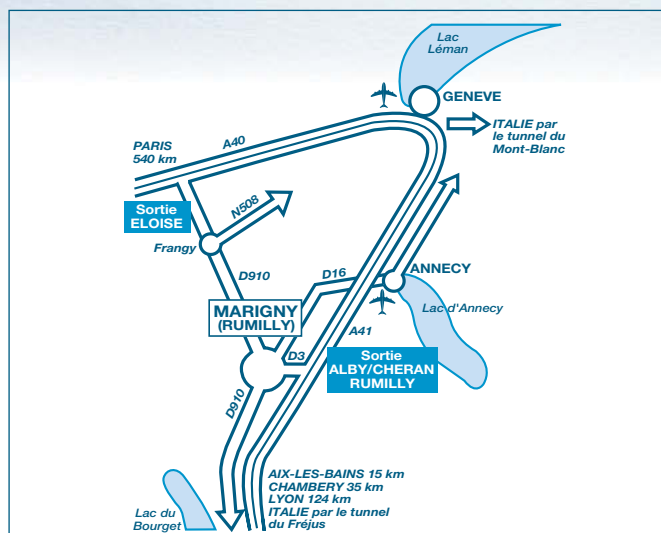
Presence across 5 continents with a strong and reliable chain of distributors, manufacturers or retailers selected by EMG which are locally recognized for their experience and quality-oriented service.



In France, our techno-commercial
are also machine-tool experts,
regularly trained on newer versions of
the equipments and accessories.

Within its distribution and sales
network, all our representatives are
specialists, thus ensuring the best
possible suggestions and the quality
offered by EMG manufacturer





EMG is set up in Haute-Savoie, a department on the border with Switzerland and Italy, and benefits from double advantage of an exceptional environment among lakes and mountains and a privileged commercial activity at the heart of Rhône-Alpes, second best French region and one of the most significant in European union.

Each EMG customer and partner throughout the world benefits, thanks to the equipments and services proposed by the brand, from a standard and a technical know-how inherited from a long industrial tradition and a permanent culture of research and development.

