



MACHINERY & EQUIPMENTS
MASCHINEN & ANLAGEN
MÁQUINAS E EQUIPAMENTOS

IBS Hot Forging Machines

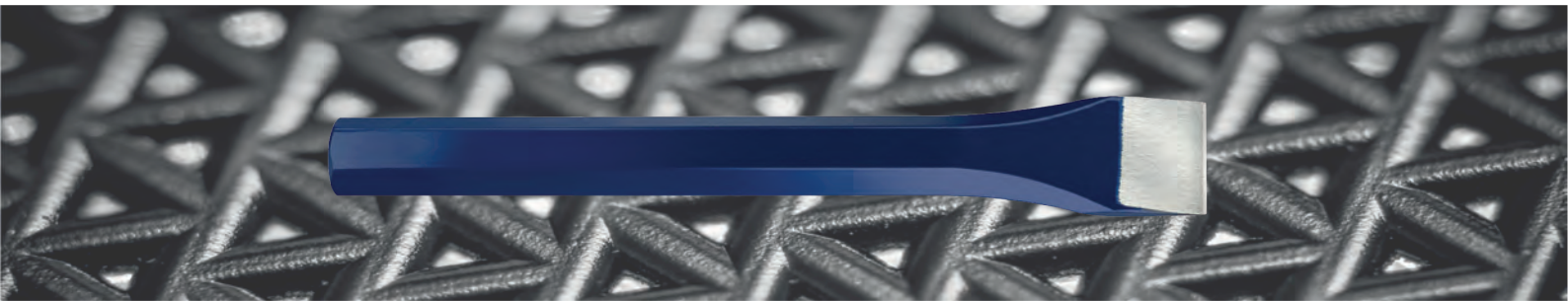
FORGING MACHINES FOR FILES AND CHISELS
SCHMIEDMASCHINEN FÜR AKTEN UND MEISSEL
MAQUINAS PARA FORJAR LIMAS E PONTEIROS

We have been developing and producing our Hot Forging Machines for more than 70 years, and have gained the market recognition for their high quality standard and extreme reliability. These Machines were specially developed for precise, fast and economic forging of several tools, namely file tangs and points and chisel points, of different formats : flat, square, triangular, round, hexagonal, etc.

The robust machine construction allows the shaping of all metallic materials, in particular of construction and tool steel.

These machines have a high hourly output, approximately double of common power hammers and a high degree of exactness.

Machine Specifications		SM401	SM402	SM403	SM601	SM602
Forging Capacity (mm)	Cross Section x Length	10X120	24X90	50X120	10X120	24X90
Greates Possible Forging	Length (mm)	140	165	175	140	165
Working Pressure	Max (N)	120000	220000	450000	120000	220000
Stroke	(num/min)	1200	1000	800	1200	1000
Motor Output	1400 U/min (KW/PS)	11/15	15/20	18/25	15/20	18/25
Dimensions (mm)	Width	1600	1700	1800	1750	1850
	Dept	1100	1200	1400	1100	1200
	Hight	1550	1600	1650	1600	1680
Transport Detail s						
Weight (Kg)	Gross	2000	2750	3900	2800	3850
	Net	1900	2600	3700	2700	3700
Create Dimen.	Width	1750	1850	1950	1900	2000
	Dept	1250	1350	1550	1250	1350
	Hight	1750	1800	1850	1800	1880





Type:

Models:

4 Hammers

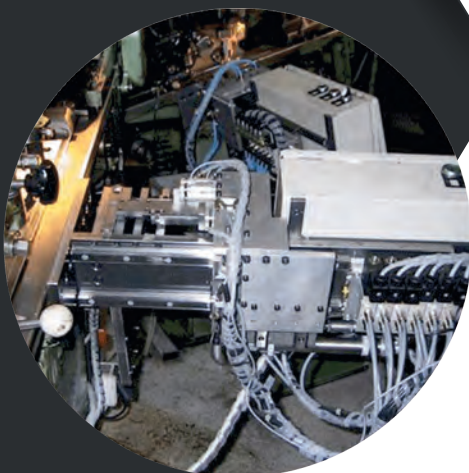
SM401, SM402, SM403



Type:
6 Hammers

Models:
SM601, SM602





The experience gained by Tomé Fêreira in over 160 years of manufacturing files and rasps is also being used to develop new machinery for file production and other different uses. In fact, we are the most important worldwide supplier of machinery for file productions.

Our Hot Forging machines are the best example - We supply them to most of the biggest file manufacturers around the world, and also to the most important chisel makers.

But, we are also on the top of modern technology with many other equipments. Our Induction Hardening Systems and our Induction Heating Systems are used not only by the file and the chisel industry, but also in the glass mould industry for heating up the moulds before brazing. We prepare individualized solutions for each induction heating demand.

Our File Sharpening Systems and our Dry Sandblasting Equipments, both with run through belts, are also best sellers.

Of course, file cutting machines, either automatic or semi-automatic, with or without feeders, and all machinery concerning file and rasp production we produce and supply.

We have the know-how and manufacturing capacity to install complete production lines for different types of files, and we are regularly asked to do so. We supply Key in hand solutions, including training and know how transfer.

Please contact us for more detailed information about your needs.