



GENERAL CATALOGUE

Famar, manufacturing success





FAMAR



A comprehensive tailored project

Forty years of experience and knowledge of the world of machine tools allow Famar to offer a truly personalised approach to satisfy the needs of the Client.

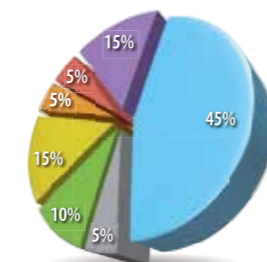
Famar collaborates to develop **the optimal production system for any particular request**, accompanying the Client through the whole process of evaluation: **from the definition of the process to the development of the best solution for its creation.**

Famar's ultimate goal has always been the

success and complete satisfaction of the client. For this reason, from the commercial to the engineering department, a path is followed aimed at finding innovative solutions, coupled with timely and decisive consulting.

The strengths of this course are reflected in four key elements: **feasibility study, personalisation** of the machine according to the specific needs of the client, **pre-testing** at Famar and at the client's premises, **assistance and support** after installation.

MACHINES SOLD FOR THE PRODUCTION SECTOR



- AUTOMOTIVE
- TRUCKS
- TRACTORS
- EARTH MOVING VEHICLES
- BEARINGS
- GEARED MOTORS
- OTHER

with exclusive technologies

Like a tailor sewing a tailored suit, Famar develops the **software** for the machine and programming of the piece, prepares **regulatory tests** according to the Client's standards, **personalises** the lathe based on electrical regulations and logistics of the production line.

It is a process of design and construction, done with the ongoing support of the Client, allowing the company to offer **production lines from blank to finished parts**, within the time requested and in perfect harmony with the logistical needs of the destination plants.

Famar is a partner of excellence in providing **vertical lathes** for the production of parts for the automotive industry - trucks - tractors - earth moving vehicles - gear motor bearings - oil joints - pumps; complete, independent solutions or integrated, simple, versatile and highly productive processes.

Famar has proved its excellence in **services** offered to support the Client: personal training, spare parts within 24 hours, assistance hot line and maintenance.



Find out more at www.famargroup.com



Ergo

200-215-260-315-400-415-500-630-815-850-1250

Since 1994 Ergo has been Famar's flagship machine. Born from the technological revolution represented by the **vertical lathe**, it has proved, over the years, to be a machine of great flexibility in terms of use and ideal for **small companies as well as big industries**.

Versatile enough to use as a single machine or inserted in the production line. Indicated as the best solution for all processes: from turning to drilling, from milling to hobbing and grinding.

All in one machine.



Ergo	Min	Max
TURNING CAPACITY		
Ø maximum self centring	mm 220	1250
Maximum piece length	mm 200	500
Ø swing	mm 240	1400



Ergo Infinity - Tandem Infinity

The Ergo and Tandem models equipped with the **Infinity solution**, the first in the world to change tools **without stopping the processing**, increasing efficiency by 15-20% of the cycle time.

The innovative Famar patent allows for the **replacement of the worn out tool during loading/unloading of the piece** not influencing the cycle time, enabling the achievement of machine efficiency never obtained before.



Ergo Infinity - Tandem Infinity	Min	Max
TURNING CAPACITY		
Ø maximum self centring	mm 260	630
Maximum piece length	mm 240	300
Ø swing	mm 350	660



Tandem

200-215-260-315-400-415

Doubled power to combine maximum productivity with minimum dimensions. Born from the technological revolution represented by the **vertical lathe**, Tandem has proved itself to be **ideal for the production of high-precision parts**.

Due to the arrangement of working areas and the loading on **two independent automated systems** it is possible to double production, perform the complete processing of the same element in two operations or process two different elements.

Tandem	Min	Max
TURNING CAPACITY		
Ø maximum self centring	mm 220	400
Maximum piece length	mm 200	300
Ø swing	mm 240	480



Ergo G - Tandem G

The Ergo and Tandem models equipped with **solution G** allows for the integration of the operations of **turning and grinding in a single grip** in order to obtain a definite reduction in the time for grinding and wheel dressing.

It guarantees lower investment, lower unit costs, shorter cycle times and excellent quality of the piece manufactured.



Ergo G - Tandem G	Min	Max
TURNING CAPACITY		
Ø maximum self centring	mm 220	630
Maximum piece length	mm 200	300
Ø swing	mm 240	660



new

Sub

Sub 160 2g - biSub 160 2g - Sub Nano 3g

These are models marked by productivity and compactness. Thanks to cutting-edge integrated automation, it is possible to achieve **loading and unloading in just 3 seconds**. In the **biSUB** model, with two working areas, you can double production or run the complete processing of the same element in two operations.

With the **SUB Nano** model, thanks to the double turret and double working area, the time for **loading/unloading is 0 seconds**.



SUB	Min	Max
TURNING CAPACITY		
Ø maximum self centring	mm 130	160
Maximum piece length	mm 65	120
Ø swing	mm 135	180



Maxer - Ergo CL

Maxer 400 - Ergo 260 CL - 500 CL - 815 CL

The **CL** versions of Ergo and Maxer allow you to process, **in a single grip**, pieces which need to be processed outside the axis of rotation of the workpiece.

The additional spindle on the Y-axis is able to perform **complex operations of milling, drilling, boring** even outside of the axis of rotation of the workpiece, simultaneously interpolating the work axes.

In their categories they have proven to be the best choices in terms of size and production flexibility.



Maxer - Ergo CL	Min	Max
TURNING CAPACITY		
Ø maximum self centring	mm 260	800
Maximum piece length	mm 240	500
Ø swing	mm 350	850



Pronto

Pronto 5 - 6 - 8

The Pronto models are standard vertical lathes with **automation and processing integrated in a single machine**. The Famar quality and experience in high-performance machines with a small investment.

The strengths are **stability**, thanks to the uniqueness of its bedframe, **dynamic axes** and **ease of use**. Ideal for both small and large batches for all types of processing, they represent the right balance between flexibility and productivity.



Pronto	Min	Max
TURNING CAPACITY		
Ø maximum self centring	mm 220	400
Maximum piece length	mm 200	300
Ø swing	mm 240	480



Special applications

Ergo 260 CP - 260 FCP - 260 OT - 315 DH - 400 MG

To solve Client production problems, Famar creates truly customised solutions. It is a logic that puts satisfying the needs completely at the heart of the project. A continuous and fruitful exchange with the Client who defines the **ideal processing for a given piece** until the final creation.

The models for special processing are developed on the bedframe of Famar machines and allow for the achievement of the best final quality with reduced investment.



Ergo	Min	Max
TURNING CAPACITY		
Ø maximum self centring	mm 260	400
Maximum piece length	mm 240	300
Ø swing	mm 350	480



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Famar constantly updates its products; the data shown in this catalogue are subject to change without notice.



FAMAR. A NEW WAY OF THINKING

Famar is the partner of choice for all your machining needs, from stand-alone machines to integrated production lines. Featuring all the benefits of Famar's international patent-protected vertical lathe—efficiency, precision, high productivity, reliability, and guaranteed assistance.



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