

FI 240 SLP
FI 440 SLP

SERIES FI X40 SLP

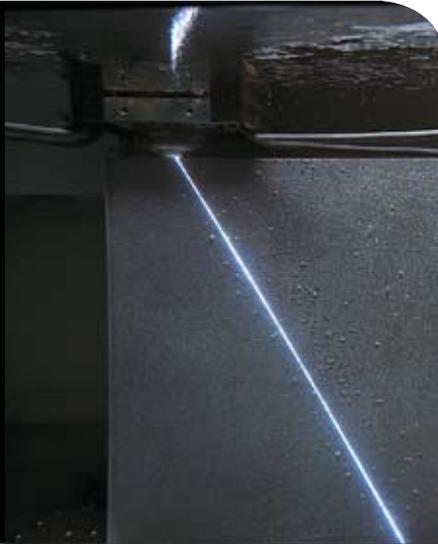
At a glance

Proven performance at the lowest cost.



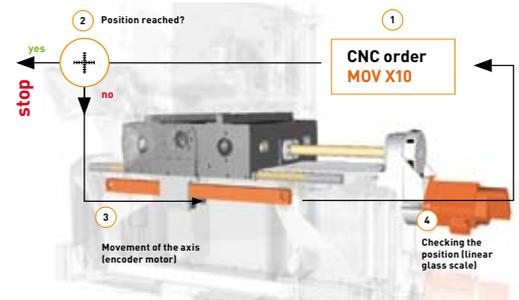
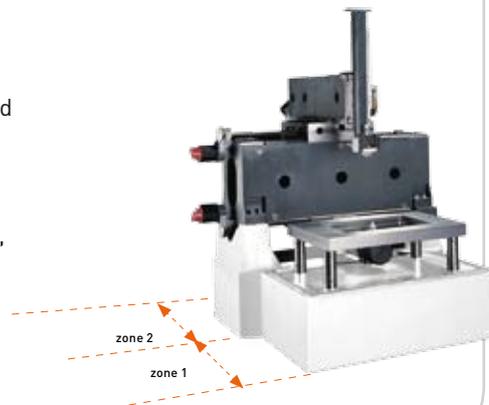
QUADRAX® 45° up to 400 mm, a unique capacity for tapered machining.

The SLP series is the most flexible on the market, capable of cutting tapers of 45° whatever the height of the part (up to 400 mm). The principle of crossed double guidance of the X, Y and U, V axes, independent and having the same dimensions, enables large taper machining and therefore the possible range of applications with EDM wire machining to be expanded.



The fixed bench combines robustness and accuracy.

This design, where the part is static, enables very heavy parts to be loaded without affecting accuracy (**zone 1**). The precision components of the machine are used solely to move the wire guides. Protected from dirt, shocks and stresses, they work permanently in an ideal situation to ensure durable accuracy (**zone 2**).



Usage safety.

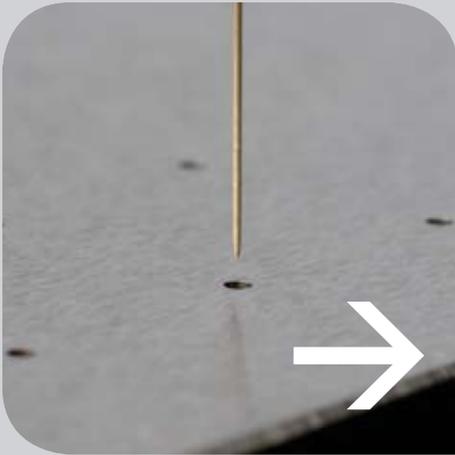
Due to the ICP system, collisions are of no consequence. The five axes of the ROBOFIL 240 SLP and 440 SLP are protected by ICP against the effects of programming errors or bad maneuvers. This protection system, which is completely integrated into the mechanics of the movements, detects the slightest abnormal force and stops the machine before any deterioration of the part being machined or of the wire guidance systems.





Technical Data		FI 240 SLP	FI 440 SLP
X, Y, Z travel	mm	350 x 220 x 220	550 x 350 x 400
Max. workpiece dimensions*	mm	1000 x 550 x 220	1200 x 700 x 400
Max. workpiece weight	kg	750	1500
Max. taper	°/mm	± 45 °/ 220 (standard 30 °)	± 45 °/ 400 (standard 30 °)
Wire diameters available	mm	0.1 – 0.3	0.1 – 0.3
Cutting speed	mm ² /min	300	300
Min. finishing	µm Ra	0.22	0.22
Measurement resolution	µm	0.05	0.05
Type of CNC		PC multiprocessors Windows XP, touch screen	PC multiprocessors Windows XP, touch screen

* Width x Depth x Height



The exclusive threading system for all types of wire.

Automatic threading is rapid and reliable whatever the type of wire used: hard or soft brass, coated or not. The key to success is preparing the wire properly before threading. The wire is annealed and stretched over a large length. The thermal break leaves no burr, and the tapered extremity of the wire facilitates its path through the closed guides and the rethreading in the slot.

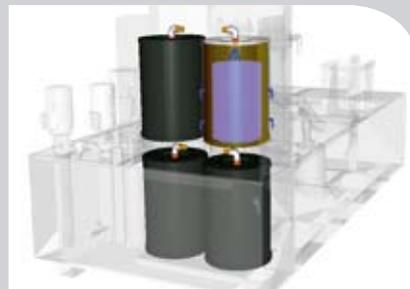


The touch screen is efficient and user-friendly.

The Windows XP operating system makes managing programs and technologies extremely simple. The new dynamic screen function (DSF) assists and helps the operator with set-up and references for the work to be performed. The CNC contains intelligent and interactive documentation in HTML (e-Doc) in the form of a website. The maintenance procedures provided enable breakdowns and drops in performance to be anticipated.

Optimum filtration.

This series offers a system equipped with four filters as standard. Depending on his needs, the user can either benefit from the fineness of filtration or the cost of filtration, which is closely linked to the autonomy of the filter. The greater the capacity of the filter, the more the hourly cost of filtration falls.



Machining performance: the "Direct Cut Performance".

It is designed to cover the greatest number of applications and enables a surface finish of CH26 (Ra = 2 µm) to be obtained with a geometric spread of less than a hundredth of a millimeter for parts less than 90 mm high.



FI 240 SLP FI 440 SLP

The ROBOFIL 240 SLP and 440 SLP are machines that ideally combine versatility and reduced operating costs for manufacturers.

At a glance

GF AgieCharmilles

We enable our customers to run their businesses efficiently and effectively by offering innovative Milling, EDM and Automation solutions. A comprehensive package of Customer Services completes our proposition.

Achieve more

We commit to a promise. That promise is "Achieve more". It's a commitment to create the right conditions for our customers to obtain competitive results. When our customers win, we win.

www.gfac.com



AgieCharmilles

Achieve more...