

FO 350 S
FO 550 S



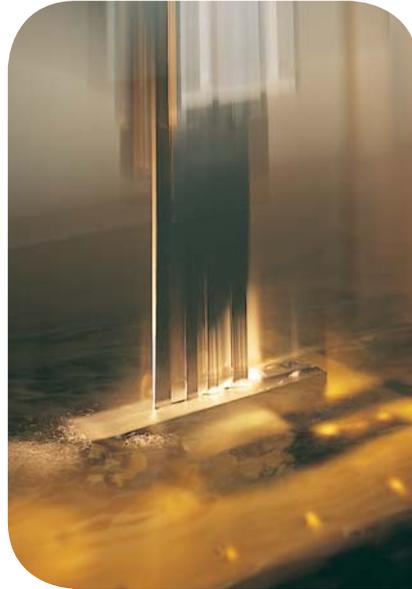
FO 350 S/FO 550 S At a glance

Speed finishing technology for die-sinking EDM.



A profitable choice.

The increase of the movement speed of the Z axis and its spectacular acceleration enable a 30% increase in performance in machining of medium to deep ribs. This technological choice facilitates the evacuation of particles in the cavities and avoids lateral strain.



Unmatched surface homogeneity.

Providing low and homogeneous surface finishes and ensuring precision details due to decreased wear rates. By reducing or eliminating the need of manual polishing this is an enormous advantage in application fields like consumer electronics.



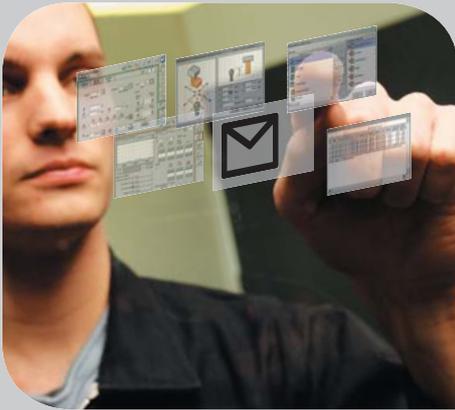
Personalize your machine to meet your needs.

The FO 350 S/FO 550 S machines are ready to receive a large variety of options. Adapted to the end-users' requirements, this personalization leads to optimum use in terms of running time, precision and productivity.





Technical Data	FO 350 S	FO 550 S
Machine concept	C-frame, fixed table, drop tank	
X, Y, Z axes	mm 350 x 250 x 300	600 x 400 x 450
Dist. table-chuck min. / max.	mm 150 / 450	150 / 600
Workpiece dimensions max.	mm 780 x 530 x 300	1200 x 850 x 400
Workpiece weight max.	kg 500	1600
Electrode weight	kg 50	100
Machining current	A 64 (128)	64 (128)
Minimum surface roughness Ra	µm 0.1	0.1
Measuring system / resolution	µm Linear glass scales / 0.05	
CNC Type	Windows XP, DPC	



DPC – A tailor-made Interface.

The comprehensive range of functions is illustrated by graphics, designed to facilitate intuitive, spontaneous comprehension by the operator. Imbedded expertise, on-board documentation and a unique solution of programming result in short set-up time and productivity.

Building long-lasting reliability.

A short oversized cast-iron C-frame delivers mechanical stability and precision for the life of the machine, regardless of workpiece weight or dielectric volume. In addition, a rugged design absorbs all machining forces in order to maintain a precise gap between workpiece and electrode. Linear glass scales equip the X and Y, as well as the Z axis, ensuring lifetime movement and positioning precision.



Imbedded experience at the service of the operator.

Decade-long experience and EDM know-how at your disposal. Whether we speak of sparking energy control according to the electrode shape, or gap supervision and real-time spark analysis, the assurance of around-the-clock monitoring and process optimization leads to repetitive and foreseeable machining results.

FO 350 S FO 550 S

A translation of axis-speed and sparking control into EDM productivity increase.

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...