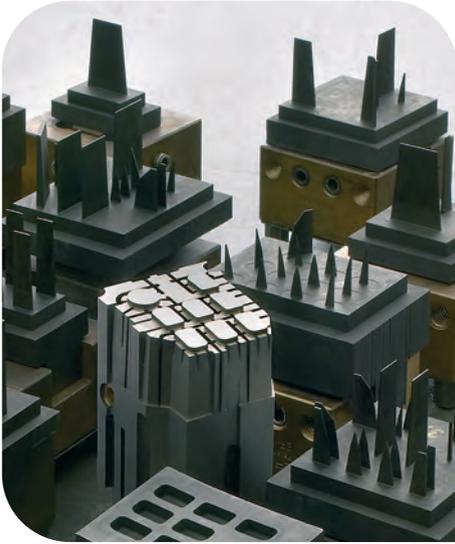


**AT Hyperspark HS**

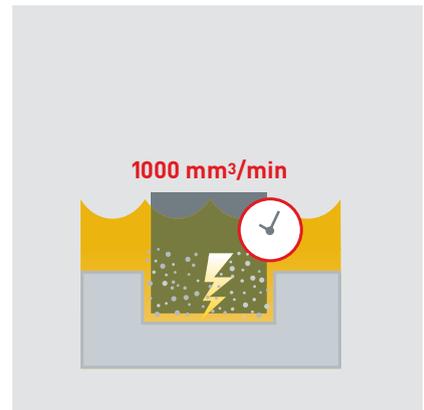
# AT Hyperspark HS At a glance

The intelligent way of ED die sinking



### High removal rates

With the intelligent interaction of various functions, the IPG generator achieves removal rates lying far above the average of other products in all fields of application – from the narrowest ribs through pointed cone cavities to premilled moulds.



### Flexible Planning

With Pieceinsert, express jobs can be inserted without having to reprogram the interrupted job again. For this purpose, the actual situation of the machining in progress, including the number of roughing and finishing sequences, is recorded and afterwards the job is resumed exactly there where it was interrupted.

Piece List Start EDM		
Name	State	Availability
Piece 0811	Active	Present
Piece 0804	Active	Present
Piece 0834	Active	Present



Technical Data		AT Hyperspark 2 HS	AT Hyperspark 3 HS	AT Hyperspark 2 Exact HS	AT Hyperspark 3 Exact HS
Dimensions (L x W x H)	mm in	2689x1855x2593 106x73x102	2855x2135x2965 112x84x116	2689x1855x2593 106x73x102	2855x2135x2965 112x84x116
Total weight (without dielectric)	kg lb	3200 7040	3900 8580	3200 7040	3900 8580
X, Y, Z axes travels	mm in	350x250x350 13.7x9.8x13.7	500x350x500 19.7x13.7x19.7	350x250x350 13.7x9.8x13.7	500x350x500 19.7x13.7x19.7
Max. electrode weight/with C axis	kg lb	100/50 220/110	100/50 220/110	100/50 220/110	100/50 220/110
Max. workpiece weight	kg lb	400 880	800 1760	400 880	800 1760
Max. workpiece dimension (L x W x H)	mm in	650x580x250 25.6x22.8x9.8	880x680x350 34.6x26.7x13.7	650x580x250 25.6x22.8x9.8	880x680x350 34.6x26.7x13.7
Dielectric charge volume	l us gal	415 109	620 164	415 109	620 164
Minimum surface roughness Ra	µm µin	0.2 7.9	0.2 7.9	0.2 7.9	0.2 7.9
Best surface finish Ra with SF Module	µm µin	< 0.1 3.9	< 0.1 3.9	< 0.1 3.9	< 0.1 3.9
Dual Measuring System X, Y, Z		-	-	✓	✓

### Integrated Job Management System

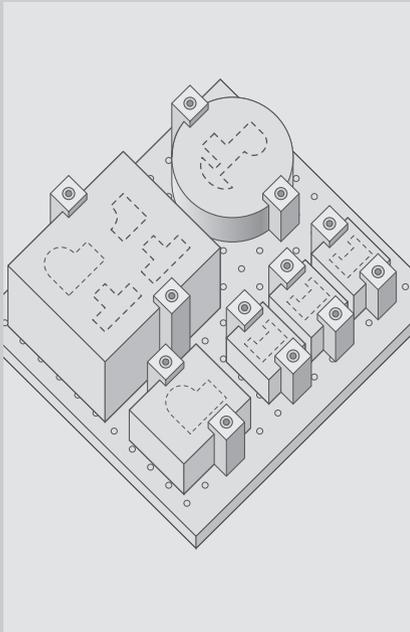
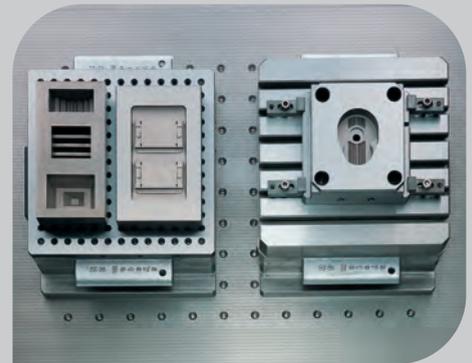
Overview of actual machining status and possibility, to change execution sequence. No need of an external JMSystem.

### Long running times

With high autonomy, automated machining sequences can already be realised as standard.

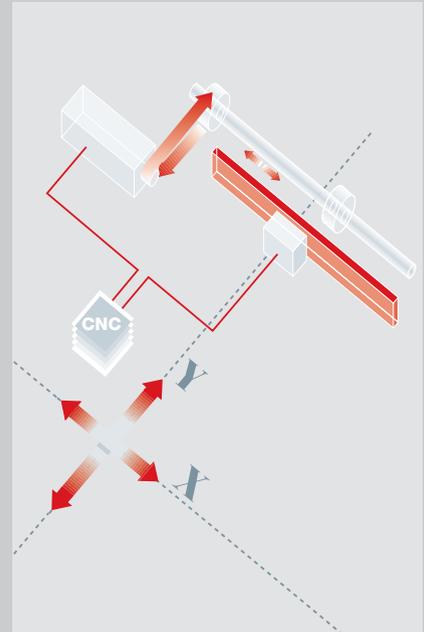
### Ready for automation

The lowerable work tank, ensures good accessibility for the setting-up of workpieces. Automated, the work tank is raised or lowered automatically in accordance with the machining sequences for loading or unloading workpieces or pallets. Regulation of the bath level is adapted automatically to the workpieces height.



### Exceptional on Exact HS positioning accuracy

AT Hyperspark Exact HS meets the highest requirements of technical mould making. Expect µm-accurate precision on the workpiece for typical applications like multifunctionally designed plastic parts, containing webs, jaws, openings and cavities, e.g. for the secure retention of electrical components in assembly. Conditions, requiring µm-accurate axis position when ED machining.



## AT Hyperspark HS

The AT Hyperspark HS ED die-sinking systems impress with unique features

## AT Hyperspark Exact HS

The AT Hyperspark Exact HS models are designed for highest precision requirement in ED die sinking

## At a glance

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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.

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