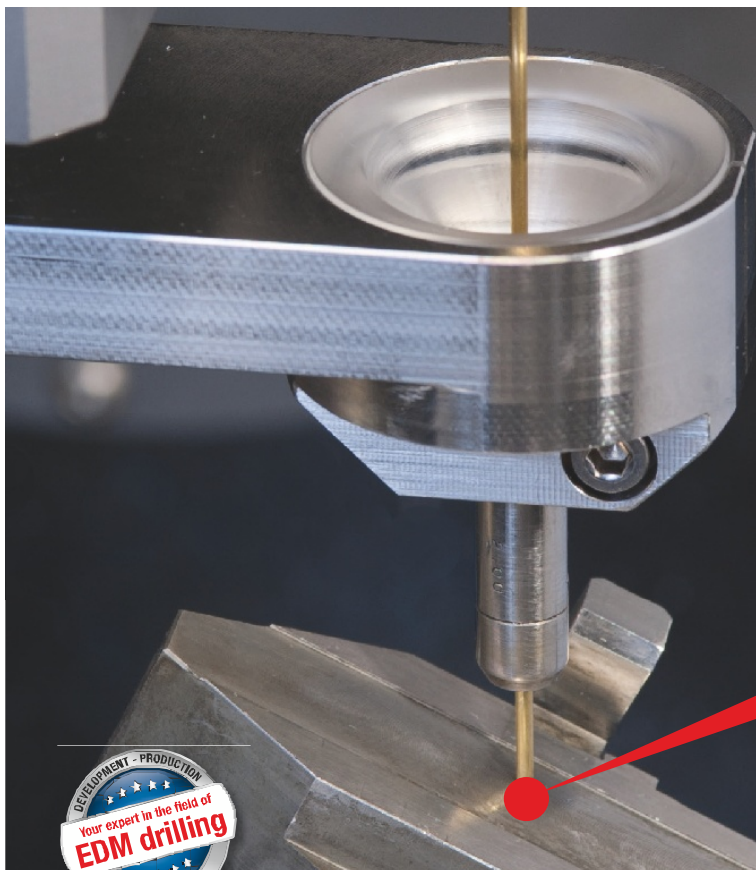




# Product range

EDM DRILLING MACHINES – EDM ACCESSORIES  
CONSUMABLES



A member of EDM drill group.

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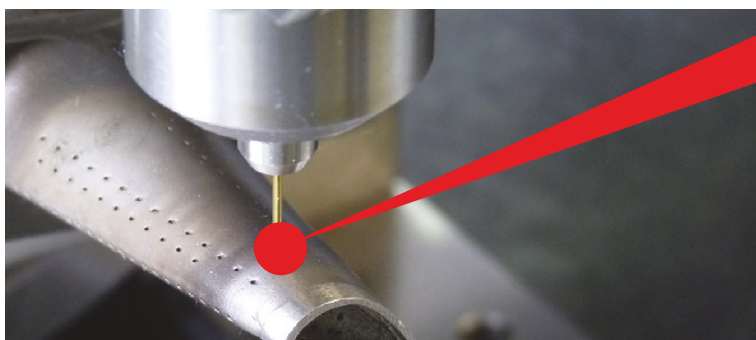
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# About us

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We are specialists in the fields of developing and improving, manufacturing and selling EDM-equipment.

## Development

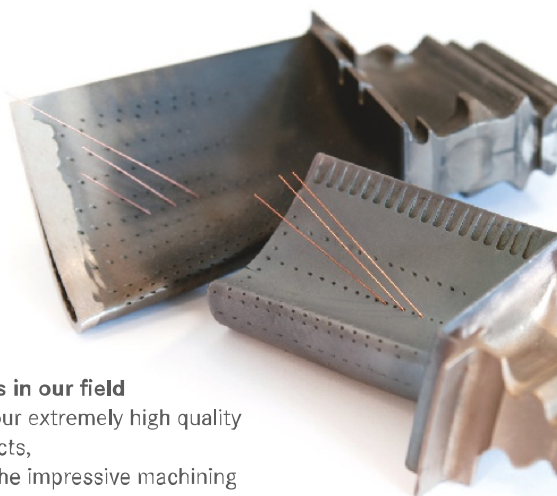
If you have to machine an especially big work piece, if a blind hole with an extreme ratio of diameter to depth is required, if insertion of holes with exceeding steep angles of entrance is necessary or if your EDM drilling machine should be integrated into a production line – **HEUN** is your competent partner. We rise to the challenge.

## Maintenance

With a regularly maintained machine running of production without problems, low downtime of your machine as well as proper machining results are guaranteed. We offer maintenance contracts with extensive service. The service intervals are arranged according to customized requirements.

## Service

We offer quick and efficient service for all **HEUN** products as well as for start hole drilling machines and wire cut machines of various further manufacturers.



## We are leaders in our field

- because of our extremely high quality of the products,
- because of the impressive machining capacity of the machines.

# Start hole EDM drilling machine

technical data			
series	S-26	S-36	S-46
travel X / Y (mm)	300 x 250	400 x 300	510 x 400
max. work piece height (mm)	300	300	400
electrode diameter (mm)	0.3 - 3.0	0.3 - 3.0	0.3 - 3.0
electrode length (mm)	400	400	400

## Optional

- powerful generator
- electrodes Ø from 0.1 to 6.0 mm
- extended eroding axis
- adaptation of indexer RT-2002
- booster
- Z-axis extension

**The low budget alternative**

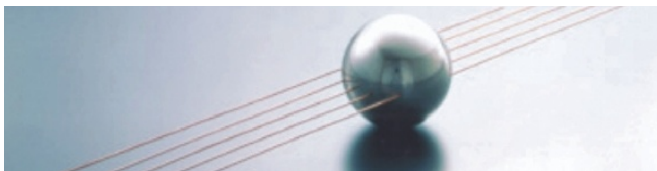
**S-26**



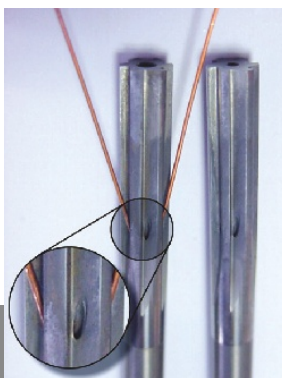
# S-series

## Processing examples

processing examples drilling without burr even on slanting areas with smallest electrodes



**Excellent drilling results into carbide possible with the machines of the SP-series with oil basin.**



# EDM drilling machine

## Type Microdrill

technical data			
series		MD-435 (electrode changer)	MD-840 (electrode changer)
travel X / Y	(mm)	400 x 350	800 x 400
max. work piece height	(mm)	270	280
electrode diameter	(mm)	0.08 - 6.0	0.08 - 6.0
electrode length	(mm)	300 / 400	300 / 400

### Optional

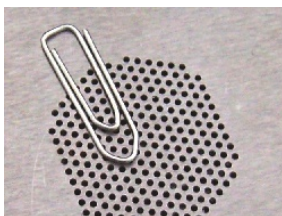
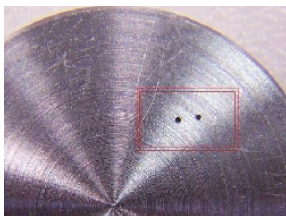
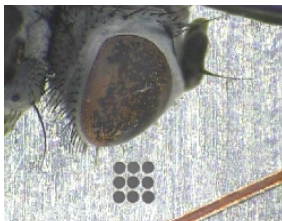
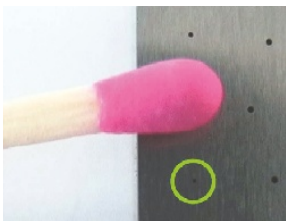
- Z-axis motor adjustable
- digital hand-wheel for setting mode X/Y/Z
- Z-axis extension
- integrated turning axis (4<sup>th</sup> axis)
- NC controlled turn-swivel axis (4<sup>th</sup> / 5<sup>th</sup> axis)



# MD-series

## Processing examples

micro drilling into carbide from  $\varnothing$  0.08 up to  $\varnothing$  6.0 mm



Also as version  
with oil basin.

# EDM drilling machine

## High-tech-series

technical data			
series		APos 800	APos 1200
travel X / Y	(mm)	800 x 600	1200 x 600
max. work piece height	(mm)	600	800
electrode diameter	(mm)	0.1 - 6.0	0.1 - 6.0
electrode length	(mm)	up to 800	up to 800

### Optional

- 70-fold electrode changer
- different indexers
- electrode length up to 800 mm
- 12-fold guide changer

**High-Tech**

**APos 800**

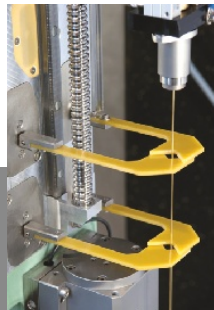
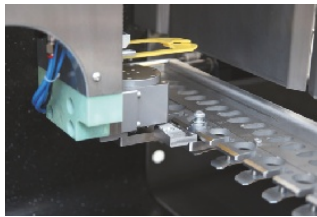
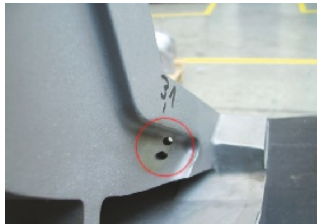




# APos-series

## Processing examples

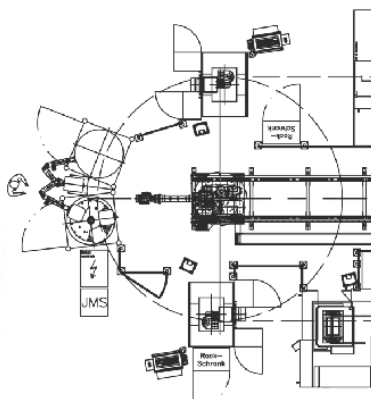
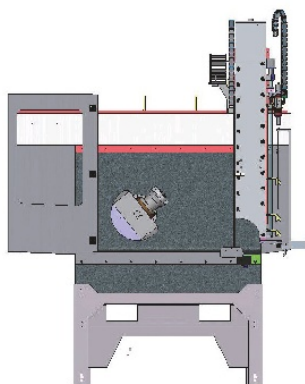
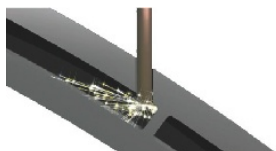
- machining of specific materials
- forging die machining
- cutting die machining
- turbine machining
- press cylinder machining



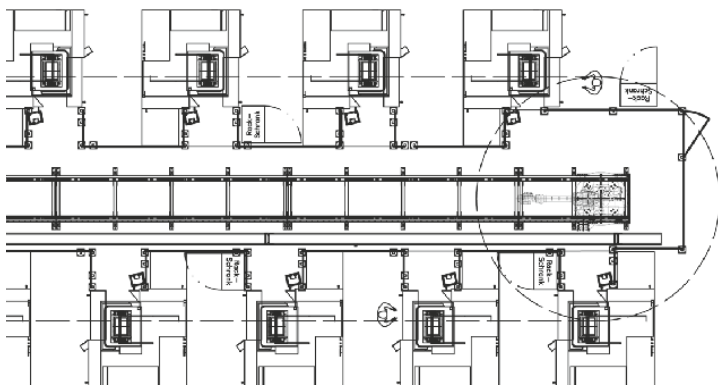
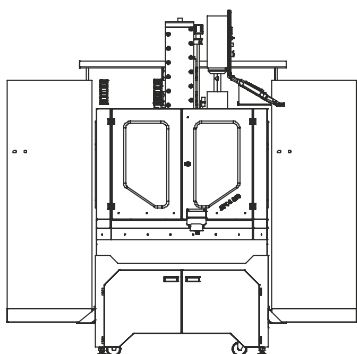
# Special solutions

## Projects already realized

- special machines with up to 9 axes
- drilling depth up to 2,600 mm
- robot integration
- job management
- breakthrough detection

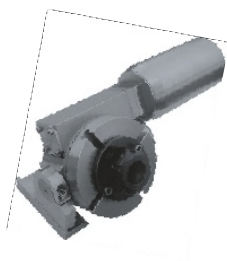


**We develop solutions  
for your requirements!**



# Accessories

## Rotary tables / Indexer



### 2 axes indexer all-purpose RT 2002

- motor controlled rotating axis A
- manual adjustable swivel axis B
- all-purpose because of external control system



### Indexer for APos

- work pieces up to 100 kg
- diameter 400 mm
- protection class IP65
- applicable together with motor-driven tilting head

## External tank- and filter unit



up to 450 l

## Deionizing unit



up to 300 l

## Cooling unit



cooling capacity from 1.66 kW

## Portable EDM drilling unit



### Tap Remover

- easily remove broken tap
- small, light, compact design
- without damage on the threads

## Further accessories



### Conductance measuring device (WA-300)



### Refractometer

- for control of water quality

# Materials

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## Consumables



### Electrodes

copper / brass  
single / coreless



### Collets



### Guides

ceramic  
sapphire  
diamond



### Filters

paper filter  
fine filter



### Power feed contacts



### Clamping equipment

also stainless

---

## Spare parts

For all HEUN machines as well as various machines of other manufacturers:



**Pumps**



**Boards**

## Auxiliary supplies



### Machine cleaning agent

EDM-Clean

Wirasol

CRC cleaning agents and additives



### Deionizing resin

exchange service for various cartridges



### Drilling solution (for many products)

EX-01

GT-1



### X60 quick adhesive

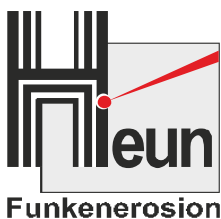
2 components

either in convenient set or  
separately in bulk pack



# Contact

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Date: June 2013. Technical subject to change!