

MICROHOLE EDM
TECHNOLOGY

\ ONA, POSSIBLY THE WORLD'S BEST EDM CHOICE

96%

96% OEE (Overall Equipment Effectiveness)

Extremely high production capacity.



SIMPLE TO USE WITH A LOW MAINTENANCE COST

Easy installation, intuitive operation and solidly built machines.



SAVINGS IN CONSUMABLES

Our consumables last longer and cost less.



EXPERTS IN MODULAR DESIGN AND MINIMAL FOOTPRINT

Maintenance with a minimum size.



PRECISION AT ITS FULLEST

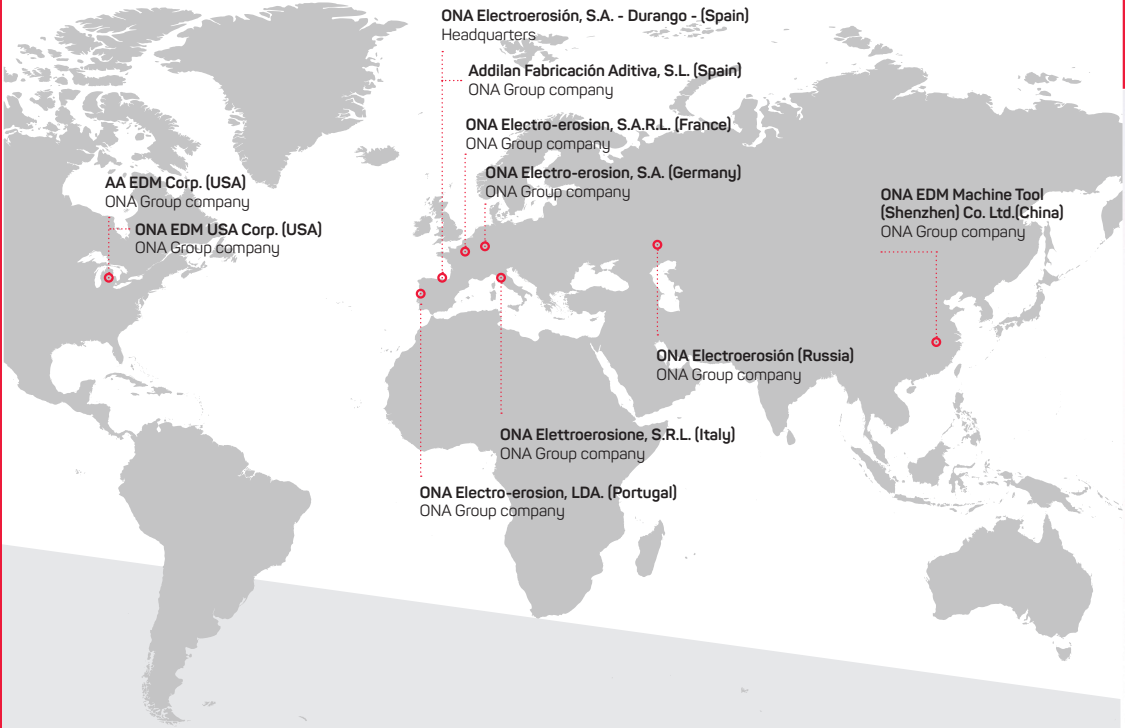
Parts are wear-free and the EDM head does not go off-center, so precision is not lost in time.



FROM THE SIMPLEST TO THE MOST COMPLEX PROJECT

Customized design and programming to meet your needs.

onaedm.com



ONA Electroerosión, S.A. - Durango - (Spain)
Headquarters

Addilan Fabricación Aditiva, S.L. (Spain)
ONA Group company

ONA Electro-erosion, S.A.R.L. (France)
ONA Group company

ONA Electro-erosion, S.A. (Germany)
ONA Group company

ONA EDM Machine Tool
(Shenzhen) Co. Ltd.(China)
ONA Group company

ONA Electroerosión (Russia)
ONA Group company

ONA Elettroerosione, S.R.L. (Italy)
ONA Group company

ONA Electro-erosion, LDA. (Portugal)
ONA Group company



ONA EDM Corp.

- \ Based in Basque Country.
- \ Pioneers in EDM with over 15.000 machines installed.

65 YEARS
OF EDM



AA EDM Corp.

- \ Based in Michigan, USA, over 40 years of history.
- \ Experts in Microhole EDM technologies.

CONTACT US, WE ARE AT
YOUR SERVICES ANYTIME
AND ANYWHERE

Tel: 94 620 08 00
ona@onaedm.com

\ MICROHOLE EDM TECHNOLOGY

MORE PRECISE THAN EVER



\ PEOPLE
\ TECHNOLOGY
\ PROFITABILITY

\MORE PRECISION IN LESS TIME



NO MORE RUNOUT ISSUES

No EDM spindle means no more runout issues.
This provides consistent quality over the years.

ACCURATE SERVO MOTORS

High- end YASKAWA servo motors which provides outstanding accuracy.

400% TIMES CHEAPER

Our electrodes are 400% cheaper for the same length 300 rod. Each electrode can produce at least 2,400 holes.

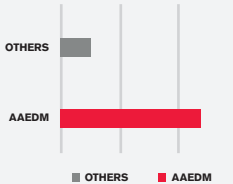
THE MOST SIMPLE OPERATION

With this control, you do not need to be a CNC operator to become a good machine operator.

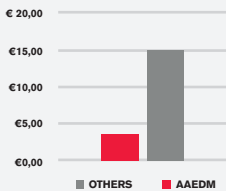
ENCLOSURE

Sheet metal looks nice but limits maintenance and operators' access to machining area.

Holes per electrode



Electrode Cost



\MORE HEADS, MORE POSSIBILITIES



STANDARD DOUBLE & TRIPLE WIRE GUIDE HEAD



Hole sizes from 80 to 500 µm diameter.



Single wire guide



Parts with multiple hole sizes.

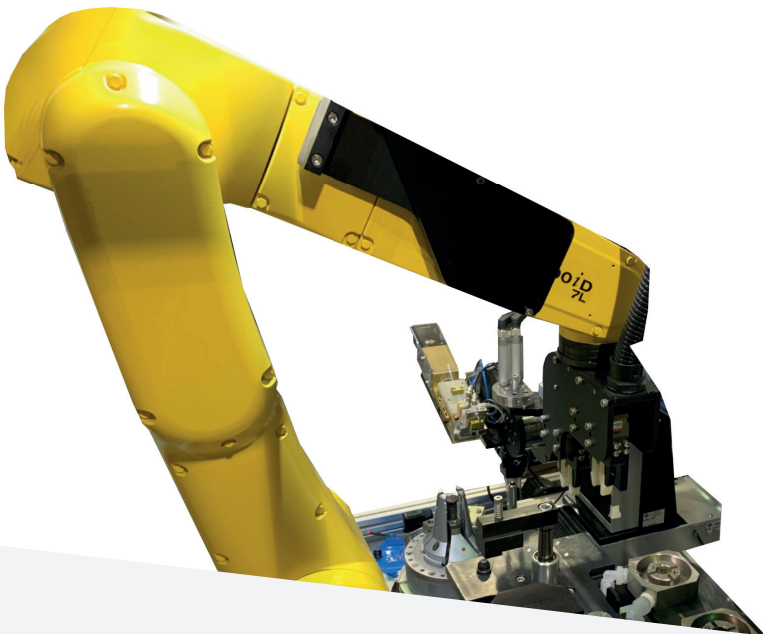


Possibility to program the Y servo axis on the nozzle.



Automatic re-feeding of the electrode.

\AUTOMATED FOR YOUR SUCCESS



INTEGRATED FLOW STATION

It measures each hole after EDM for insuring that the operator has loaded the correct electrode and the exact size hole required.

ROBOT PART HANDLING

It allows adding stations, adapting to customers part handling methods, and future proofing the machine.

EQUIPPED WITH BARCODE READERS, LASER MARKERS AND VISION SYSTEMS

