

WHEN PRECISION IS INTUITIVE, IT IS NATURAL TO GET THE BEST RESULTS.

Our wire EDM range advances at the pace of your achievements. Machines in constant innovation for an experience that improves and renews itself at every step. Gathering the best of our 70 years of experience in different technologies, to offer you the best ergonomics, ease of use and precision in the production of your parts.

AV35 Next is the last model of our range, a more user-friendly, precise and autonomous version of its predecessors. Use it intuitively, enjoy the precision



onaedm.com/av35next
#intuitiveprecision

CONTACT US, WE ARE AT YOUR SERVICES ANYTIME AND ANYWHERE

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The new ONA AV35NEXT

INTUITIVE PRECISION



ONA AV35NEXT

IS MORE...

PRECISE



Machine structure:

- Change of the tank rear closure system in order to reduce friction and achieve a reduction of the backlash.
- Greater rigidity of the lower head and its load cell, which favours cutting precision.

Wire cinematics:

- More range of wire tension (from 100g to 3000g).
- Optimization of the use of the wire brake wheel, facilitating its repositioning to make the most of it.
- Special brake wheel for use with fast-cutting coated wires.

ERGONOMICAL



Filter:

- Easier access to the resin bottle and filter cartridges. The cartridges are extracted at the rear of the machine, with the help of a tray to make the operation more ergonomic.

Work Tank:

- Pneumatic door, much faster up and down.
- The work tank illumination light is positioned so it does not dazzle the user, clearly illuminating the work area and lower head.

Wire cinematics:

- The replacement of the lower current socket can be done from the outside of the head, without having to remove more than a simple cover. It is no longer necessary to disassemble part of the lower head to change the socket. The socket can be removed without removing the conical pieces on its top.
- New easy removal system for the inner wheel of the lower head.

AUTONOMOUS



Filter:

- Cartridge status monitoring. The machine notifies the operator that the filter cartridges are becoming saturated, so that he can plan to replace them with new ones at the most appropriate time.
- Cartridge pressure switch, digitized maintenance.

Wire cinematics:

- Option of an external wire feeder for spools of up to 45 kg, compatible with the existence of the standard feeder for spools of up to 16 kg included on the front of the machine.

FLEXIBLE



Wire cinematics:

- Flexibility of automatic threading with special threads. Special applications: "Custom threads" can be easily configured in order to adapt the automatic threading to other types of thread that the user has and that do not resemble those that appear in the tables that the machine incorporates.
- New chopper design. The blades are eliminated avoiding their misalignment. The need to have the string drawer full of water disappears. The new chopper is easily removable to work with fine or continuous wire.

EASIER TO MAINTAIN



- Easy disassembly and maintenance of the work tank closure table and its sealing system, which does not require adjustments.
- Improved tuning. The assembly of the machine at the customer's home is easier as fewer points have to be connected.
- Improvement of access to the inside of the machine by the SAT or the client himself. The covers are easier to remove and assemble.
- Security PLC included.

