

## Modular-range Wire EDM machines ONA AF Series

20 different models of large wire edm machines.  
Manifold configurations of X-Y-Z travels:

- X-axis: 800, 1000, 1500 or 2000 mm
- Y-axis: 600, 800, 1000 or 1300 mm
- Z-axis: 500, 600 or 700 mm



| AF Modular  | AF60              | AF80              | AF100             | AF130             |
|---|-------------------|-------------------|-------------------|-------------------|
| X-axis travel (mm)                                    | 800               | 1000              | 1500              | 2000              |
| Y-axis travel (mm)                                    | 600               | 600 / 800 / 1000  | 1000 / 1300       | 1000 / 1300       |
| Z-axis travel (mm)                                    | 500 / 600 / 700   | 500 / 600 / 700   | 600 / 700         | 600 / 700         |
| Maximum workpiece size (large x wide x high) (*) (mm) | 1300 x 1040 x 500 | 1500 x 1040 x 500 | 1950 x 1600 x 600 | 2500 x 1600 x 600 |
| Allowable weight on table (Kg)                        | 5000              | 5000              | 10000             | 10000             |
| Auxiliary travels U-V (mm)                            | 500 x 500         | 500 x 500         | 500 x 500         | 500 x 500         |
| Maximum taper angle (°)                               | ± 30° / 400 mm    |
| Wire diameter (mm)                                    | 0.20 - 0.33       | 0.20 - 0.30       | 0.20 - 0.30       | 0.20 - 0.30       |

(\*) Ask details for the different possible configurations..

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## Standard-range Wire EDM machines ONA AF Series

The AF Series feature the ONA EASYCUT high power digital generator that provides a 100% electrolysis free cutting without compromising the cutting speed (450 mm<sup>2</sup>/minute with Ø 0,33 mm wire).



| AF Standard   | AF25            | AF35             |
|---|-----------------|------------------|
| X-axis travel (mm)                                    | 400             | 600              |
| Y-axis travel (mm)                                    | 300             | 400              |
| Z-axis travel (mm)                                    | 250             | 400              |
| Maximum workpiece size (large x wide x high) (*) (mm) | 700 x 650 x 250 | 1060 x 750 x 400 |
| Auxiliary travels U-V (mm)                            | 120 x 120       | 120 x 120        |
| Maximum taper angle (°)                               | ± 30° / 87 mm   | ± 30° / 87 mm    |
| Wire diameter (mm)                                    | 0.10 - 0.33     | 0.10 - 0.33      |

## Standard-range die sinking EDM machines ONA NX Series

The NX Series feature the ONA S-64 CNC that guarantees effective movement and eroding in simultaneous 6-axis operation (c-, a-, and b-axes in addition to x, y, and z).



| NX Standard   | NX3             | NX4              | NX4C             | NX6               |
|---|-----------------|------------------|------------------|-------------------|
| X-axis travel (mm)                                      | 400             | 600              | 600              | 1000              |
| Y-axis travel (mm)                                      | 300             | 400              | 400              | 600               |
| Z-axis travel (mm)                                      | 300             | 400              | 400              | 500               |
| Max. distance between table and platen (mm)             | 530             | 680              | 680              | 800               |
| Worktank internal dimensions (large x wide x high) (mm) | 900 x 600 x 300 | 1200 x 800 x 450 | 1100 x 800 x 450 | 1700 x 1000 x 600 |
| Work table dimensions (mm)                              | 600 x 400       | 800 x 600        | 800 x 600        | 1200 x 800        |
| Allowable weight on table (Kg)                          | 750             | 1500             | 1500             | 4000              |
| Worktank type   | Fixed           | Fixed            | Rise & Fall      | Fixed             |
| Maximum electrode weight (Kg)                           | 100             | 200              | 200              | 200               |

## Modular-range die sinking EDM machines ONA NX Series

40 different models of large die sinking edm machines. Manifold configurations of X-Y-Z travels:

- X axis: 1500, 2000 or 3000 mm
- Y axis: 750, 1000 or 1500 mm
- Z axis: 650, 800 or 1000 mm



| NX Modular  | NX7               | NX8 / TX8         | NX10 / TX10        |
|---|-------------------|-------------------|--------------------|
| X-axis travel (individual in TX models) (mm)                | 1500              | 2000 (1200)       | 3000 (2200)        |
| Y-axis travel (mm)  | 750 / 1000        | 750 / 1000        | 1000 / 1500        |
| Z-axis travel (mm)  | 650 / 800         | 650 / 800         | 800 / 1000         |
| Max. distance between table and platen (mm)                 | 970 / 1170        | 970 / 1170        | 1170 / 1450        |
| Worktank internal dimensions (large x wide x high) (*) (mm) | 2300 x 1300 x 700 | 2800 x 1300 x 700 | 4000 x 1500 x 1000 |
| Work table dimensions (*) (mm)                              | 1700 x 1000       | 2200 x 1000       | 3200 x 1600        |
| Allowable weight on table (Kg)                              | 10000             | 15000             | 20000              |
| Maximum electrode weight (Kg)                               | 200               | 200               | 200                |

(\*) Ask details for the different possible configurations..