

# ARCREO

*Additive Manufacturing*



# Weld3X – 3 axis

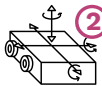
## WELD3X 3D PRINTERS

The ARCreo 3X line offers **3-axis** machines, ideal for the additive manufacturing of precision metal components with simple and efficient configurations, combining **versatility, reliability** and **high quality**.

## KEY ADVANTAGES



**Intuitive interface** and optimized design – immediate usability and minimal learning time.



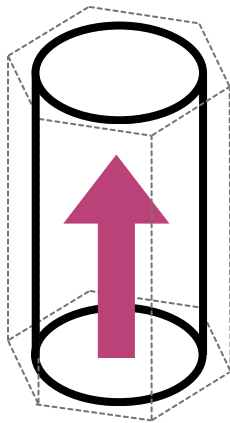
**High-precision 3-axis motion** – maximum freedom and control for **superior print quality**.



**Modular build plate** for customized configurations – easily adapts to a wide range of materials and industrial applications.



## WELD3X-500800



## PHYSICAL SPECIFICATIONS

Build volume: Ø500 x h 800 mm  
External dimensions: Ø1200 x h 1800 mm  
Weight: 380 kg

## TECHNICAL SPECIFICATIONS

Deposit rate: 1 – 4 kg/h  
Layer height: 0.8 – 2 mm  
Bead width: 2.5 – 10 mm  
Printing speed: 4 – 20 mm/s  
Travel speed: 250 mm/s  
Build platform: modular perforated plate  
User interface: 15" LCD display  
Inputs: USB 3.0  
Power supply: 230/400 V

## WELDING GENERATOR

Fronius TPSi 400 CMT  
Fronius iWAVE 400 Additive Pro

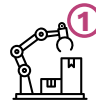
# Weld6X – 6 axis



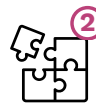
## WELD6X 3D PRINTERS

The ARCreo 6X line integrates **collaborative robots** with a reach of 1300 or 1900 mm, offering advanced solutions for the additive manufacturing of **complex and large metal components**.

### KEY ADVANTAGES



**Maximum freedom of movement** – The 6-axis robotic arm ensures total flexibility and precision on complex geometries.

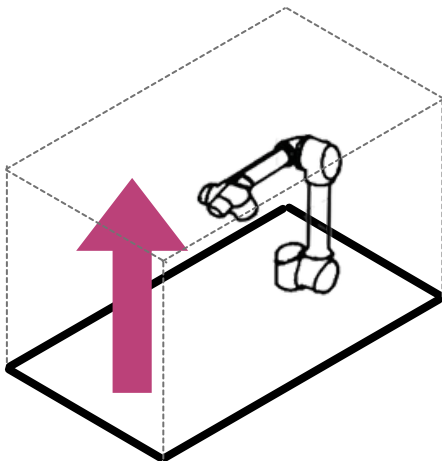


**Unlimited versatility** – The modular table adapts to any requirement, guaranteeing stability and **customizable setups**.



**Intuitive control** – The **advanced graphical interface** reduces machine preparation times and maximizes operational efficiency.

## WELD6X-1300/1900



### PHYSICAL SPECIFICATIONS

Robot reach: 1300 / 1900 mm  
Footprint (1300): 1400 × 2600 × h 2150 mm  
Footprint (1900): 1700 × 3200 × h 2150 mm  
Weight: 730 / 1020 kg  
Maximum travel speed: 100 mm/s

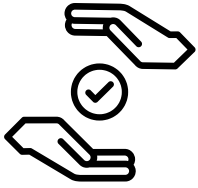
### TECHNICAL SPECIFICATIONS

Deposit rate: 1 – 4 kg/h  
Layer height: 0.8 – 2 mm  
Bead width: 2.5 – 10 mm  
Printing speed: 4 – 20 mm/s  
Travel speed: 250 mm/s  
Build platform: modular perforated plate  
User interface: 15" LCD display  
Inputs: USB 3.0  
Power supply: 230/400 V

### WELDING GENERATOR

Fronius TPSi 400 CMT  
Fronius iWAVE 400 Additive Pro

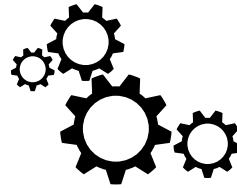
# ARCreo: Advantages and Benefits



-27 %

## REDUCED LEAD TIMES

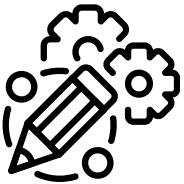
ARCreo overcomes issues related to spare part availability by significantly **reducing production times compared to traditional techniques**. It also enables substantial savings in energy consumption, equipment, and raw materials.



-33 %

## REDUCED MATERIAL WASTE

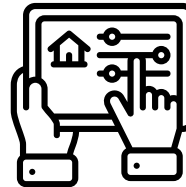
Layer-by-layer construction using molten wire allows for **precise control of material usage**, lowering the buy-to-fly ratio (the ratio between purchased material and material used in the final part).



+16 %

## DESIGN INNOVATION

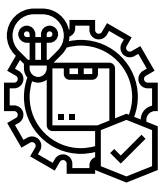
It enables the creation of complex shapes and levels of customization that traditional manufacturing methods cannot offer, providing **maximum design freedom and tailored results**. Ideal for both production and component repair.



+83 %

## ON-DEMAND MANUFACTURING

Perfect for rapid, **customized prototyping or small production batches**. Components can be produced directly on request, reducing the need for high inventory levels.



+11 %

## INTEGRATION FLEXIBILITY

ARCadditive technology can be seamlessly **integrated with other manufacturing processes**—such as forging, casting, or CNC machining—also for customization and repair of existing components.



-21 %

## REDUCED ENVIRONMENTAL IMPACT

Compared to traditional subtractive techniques, ARCadditive significantly **reduces CO<sub>2</sub> emissions and energy consumption**, contributing to more sustainable manufacturing.

**ARCREO**  
Additive Manufacturing

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# ARCreo: Production Services

**IN ADDITION TO PROVIDING OUR TECHNOLOGY, WE ALSO OFFER A FULL PRODUCTION SERVICE**

ARCreo is a reliable partner to support companies throughout their manufacturing needs. **We offer a 3D printing service** powered by our ARCadditive technology.

Use our service for:

- High-quality samples made from **100% metal alloys**
- Small production batches, ideal for launches, limited editions, or **on-demand supply**
- Project validation, early market testing, and **attracting new customers**



## BOOK A FREE CONSULTATION

In just 30 minutes, we will show you **how to transform an idea into a concrete, market-ready product.**

Contact us today to learn more about ARCreo metal 3D printing and ARCadditive.



**Alessandro Tassinari**

Head of Additive Manufacturing ARCreo

**[CLICK HERE TO SCHEDULE  
YOUR CONSULTATION](#)**



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