

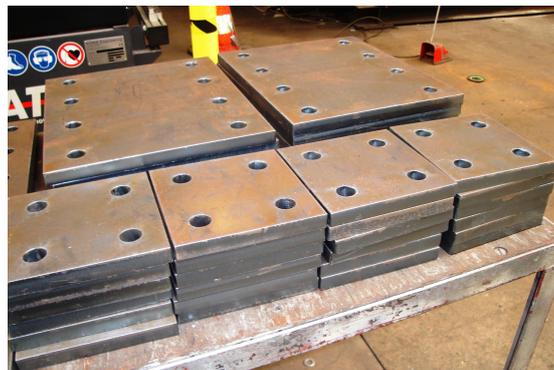


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## TopTech ARTTEC III





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## The compact and complete solution

The ARTTEC III plasma cutting machine is a recent development of compact TopTech cutting machines with high precision plasma, advanced ECKELMANN CNC control and ECKELMANN INNER THC torch height control. The machine is designed as an all-in-one solution for automated cutting processes, for supplier and end user.

- For all applications where high cutting speeds, accuracy and positioning speed are important
- Solid design, compact and equipped with the latest cutting technology
- 'Plug & cut'- installation time is reduced to a minimum
- Precision Plasma material thicknesses up to 30mm
- User friendly, multiple language ECKELMANN CNC control

## High accuracy

The ARTTEC III is a flatbed plasma cutting machine with high positioning speeds (up to 18000 mm / min) with a plasma system of your choice. The torch height is adjusted and monitored through arc voltage. High accuracies are achieved by the double drive with backlash-free AC motors with precision racks. **An optional dust filter system** can be connected to the cutting table. Because of the integrated cutting table, the installation time of ARTTEC III is reduced to an absolute minimum.

## Easy operation with the simple ECKELMANN CNC controller!

Works with Windows Touch technology and has a 15" touchscreen. The machine operator doesn't have to be familiar with the operation of a computer, but can easily make selections on the screen, a keyboard is not needed. Images can easily be magnified on the screen rotated, flipped, etc. Pages browsing and drawings are also standard.

The hardware is specially designed for production environments.

Modular and flexible software to support the user in all functions.

Effective cutting width	1500mm/2000mm
Effective cutting length	3000mm/6000mm
Transmission	Low-maintenance AC motors and gear racks
X-axis	Precision racks with linear guides
Y-axis	Linear guide with double sided precision racks and flame compensation
Zaxis	Automatic height control
Plasma power source	Up to 300A
Cutting thickness	Depends on plasma power source
Positioning speed	18000mm/min
CNC control system	Eckelmann



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## Available options

### Automatic gas console

An automatic gas console has the great advantage that when changing material type, or cutting gas, the gas console automatically switches to the required gases and gas pressures.

### Dust filter

The dust filter systems are especially developed to extract the dust and gases which appear while cutting metal with plasma. Energy consumption is limited by the built-in frequency control. For cutting aluminum, special ATEX dust filters are available.

### Service, maintenance and wear parts

Of course, TopTech is always available in case of questions, malfunctions, or by regular preventive maintenance. With our help desk with online services via Eckelmann control system, but also with a well-trained team of service technicians. Also supplying consumables for your machine; TopTech is your partner. Quickly and at attractive conditions.



### Software

From a basic package to very comprehensive software with management information, inventory and product management. The modular structure of IBE allows, depending on the desired application, to extend with virtually any module. Training, help desk and maintenance are in good hands with TopTech.

