

## *HD Series*

*HD Series* includes machines intended exclusively for plasma cutting. They incorporate the latest developments in their field.

Customers can choose from a large variety of plasma sources, from a simple cutting machine to a High Definition one with Automatic Gas Mixers.

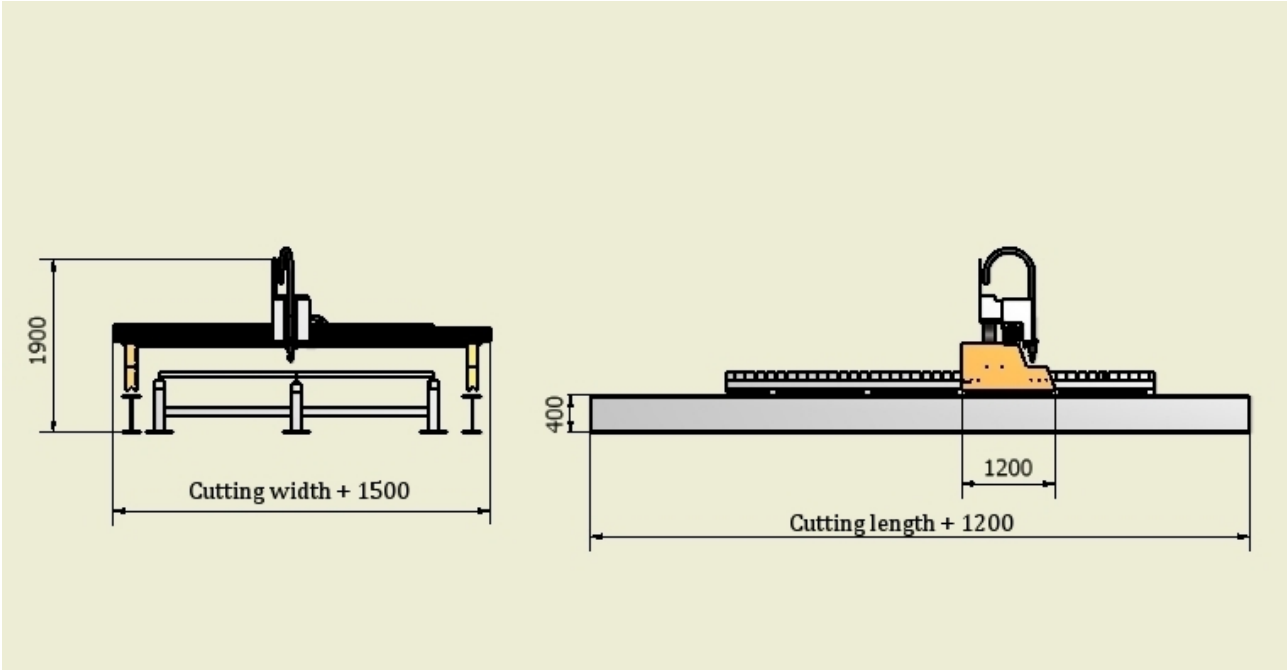
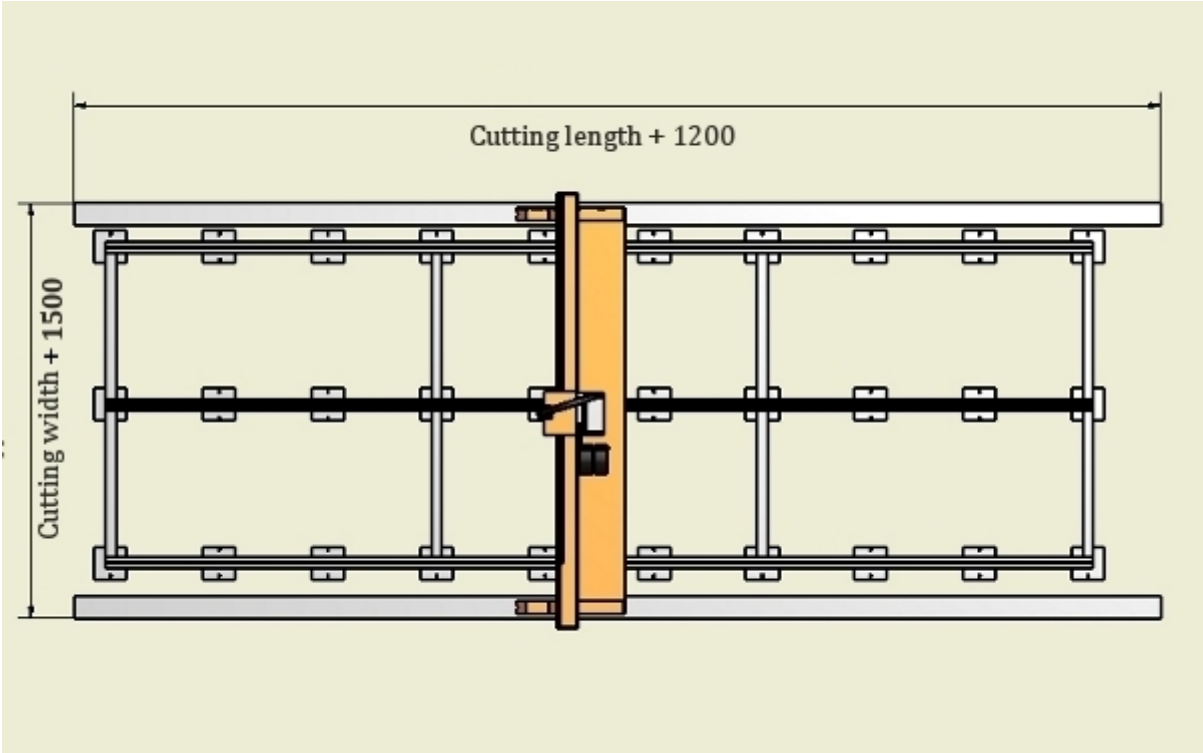
The *HD Series* machines are equipped with "[EUROPATH](#)" [Auto Nesting CAM](#), one of the most evolved CAMs around, as a standard. This CAM was developed by IDA CONTROL'S research and in-house engineering team. They can also be optionally equipped with [CAM for duct and pipe generation](#).

In the following pages please see the Machines' Dimensions and their Detailed Technical Specifications.



# Machine Drawings

(Dimensions in mm)



# PLASMA CUTTING

# HD SERIES

## *Technical Specifications*

Type	H D
Cutting Width (mm)	2000 / 2500 / 3000 / 4000
Cutting Length (mm)	4000 to 32000
Moving Speed (m/min)	15 (optional 25)
Cutting Speed (m/min)	15
Accuracy (mm)	0.1
Repeatability (mm)	0.05
Cutting Technology	Plasma / Plasma High Definition
Number Of Torches	1
CNC	EUROPATH V2
Height Sensor	Arc Conrol
Transmission	Rack and Pinion + Planetary Gears
Smoke/Dust Exhaust	Optional Segment Table
Max. Allowed Thickness (mm)	150
Average Weight (Kgr*)	3500
Operating Voltage (V)	220 AC
Operating Power (KW)	2.2

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