

## PLASMA CUTTING

## HD-PRO *SERIES*

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The HD-PRO *Series* features our Professional Plasma Cutting machines, combining cutting accuracy and manufacturing quality, well-known attributes of our machines, with further refinements.

Cut quality is exceptional and is based on its welded steel tension-free cutting table panel support frame. It also achieves better (0.05 mm) repeatability, an optional much faster moving speed (25 m/min compared to 15 m/min of the ECO *Series*) together with a choice for the Height Sensor between Capacitive and Arc Control type. Also, while the ECO *Series* features just one Plasma torch, the machines in the PRO *Series* can optionally be equipped with more than one torches.

The HD-PRO *Series* machines are equipped with ["EUROPATH" Auto Nesting CAM](#), one of the most evolved CAMs around, as a standard. This CAM has been developed by IDA CONTROL'S research and in-house engineering team.

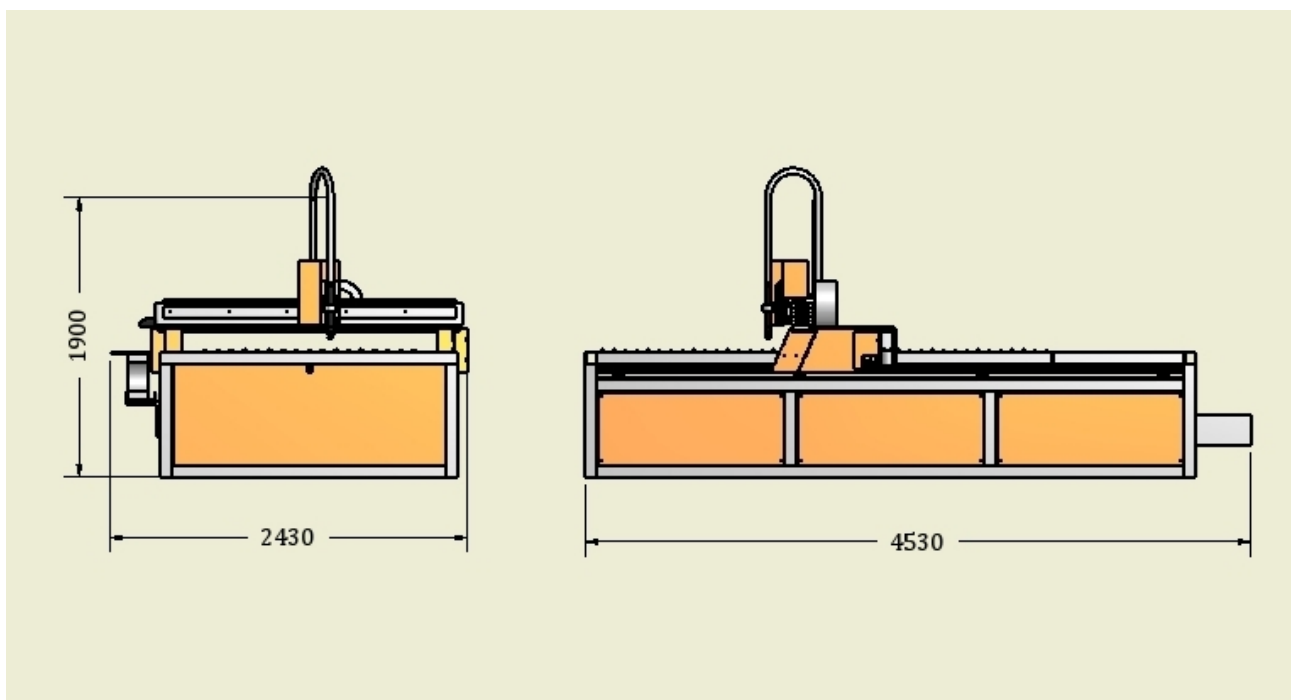
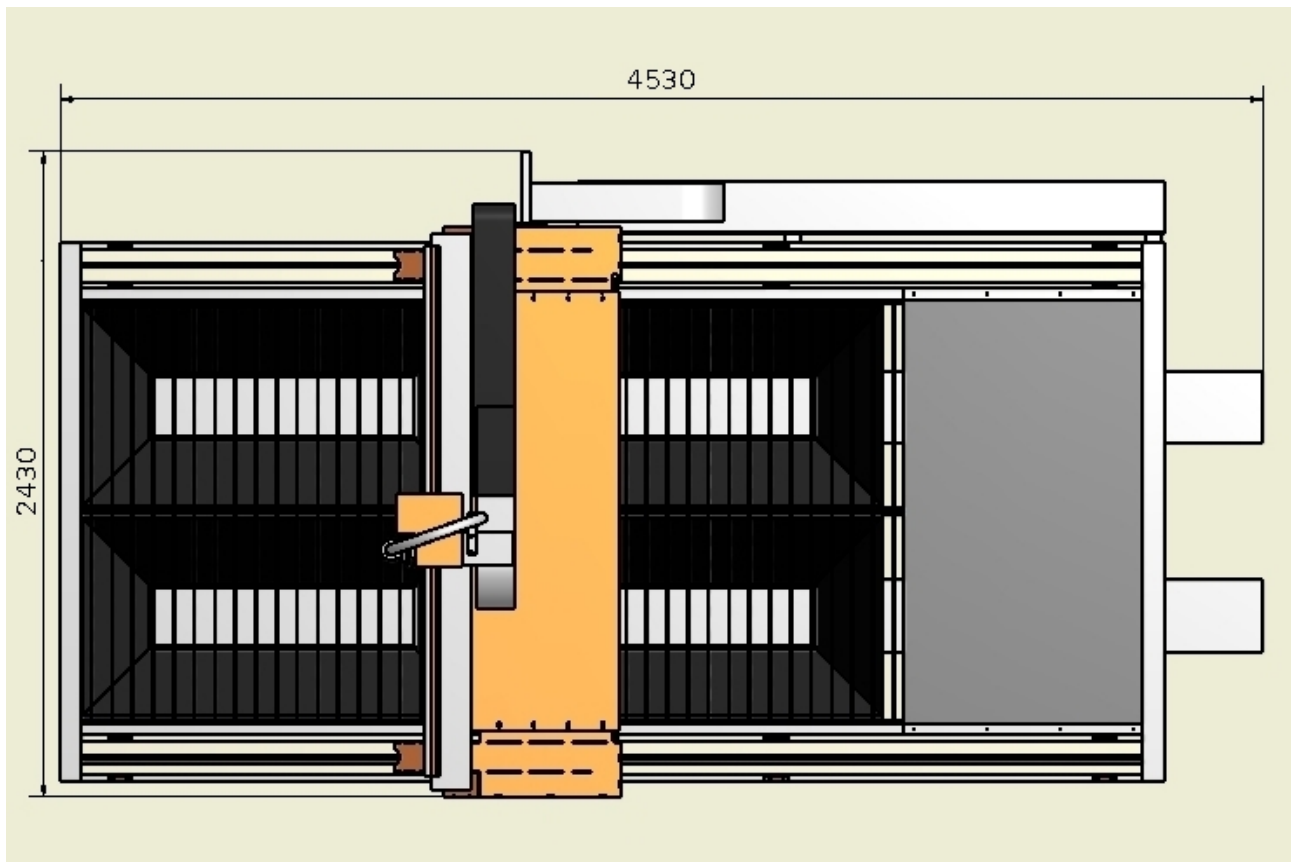
HD-PRO *Series* comes out in two models: HD3015 ECO and HD4020 ECO, with Cutting Dimensions 1500 X 3000 mm and 2000 X 4000 mm respectively. In the following pages please see the Machines' Dimensions and their Detailed Technical Specifications.



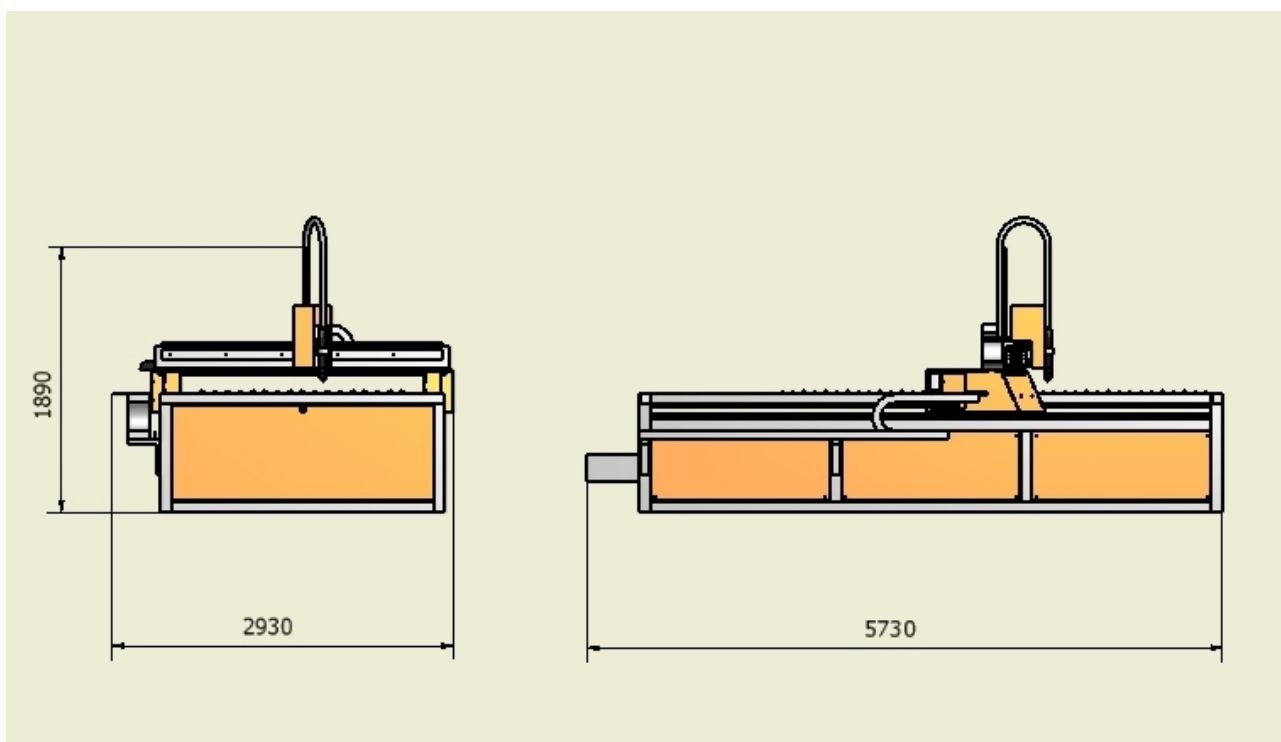
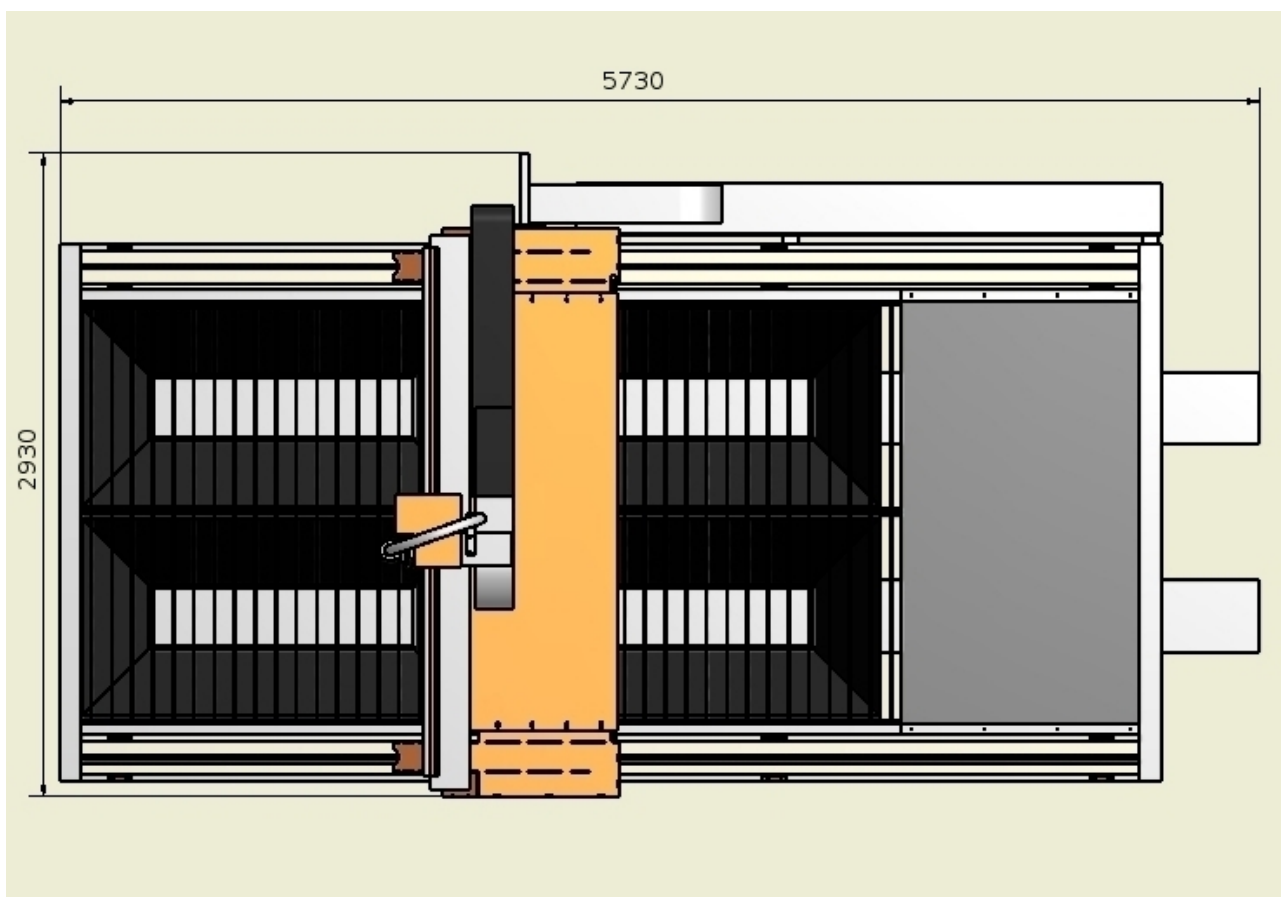
# Machine Drawings

(Dimensions in mm)

## HD3015 PRO



## HD4020 PRO



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## *Technical Specifications*

Type	HD3015 PRO	HD4020 PRO
Cutting Width (mm)	1500	2000
Cutting Length (mm)	3000	4000
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	Capacitive / Arc Control	
Transmission	Rack Pinion + Planetary Gears	
Smoke/Dust Exhaust	Optional Segment Table	
Max. Allowed Thickness (mm)	40	
Weight (Kgr*)	2300	2450
Operating Voltage (V)	220	
Operating Power (KW)	1.85	

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