

PLASMA CUTTING

HD ECO *SERIES*

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The HD ECO *Series* is based on the HD PRO *Series* and is at the moment one of the most precise machines in the market, combining cutting accuracy with low acquisition cost.

High accuracy is achieved by incorporating the latest developments in the movement control field. Low price is due to the fact that the whole machine (electronics, software, mechanical construction) is designed and made by us.

HD ECO revolutionizes cutting precision and pricing market standards. Customers who consider the purchase of a cheap third country machine of doubtful quality, can now invest in the HD PLUS ECO acquiring a machine with cutting precision only available in equipment 4 or 5 times more expensive.

It can be used with Simple and Hi-Focus or High-Definition Plasma.

The HD ECO*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.

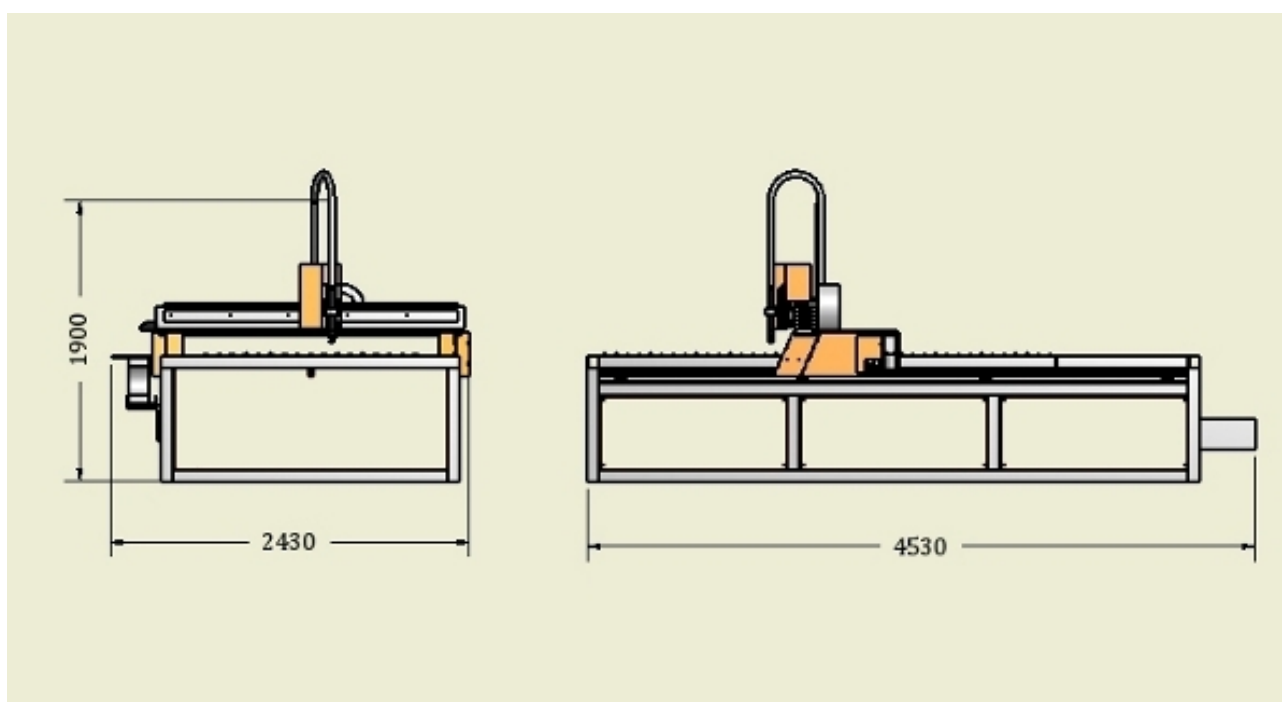
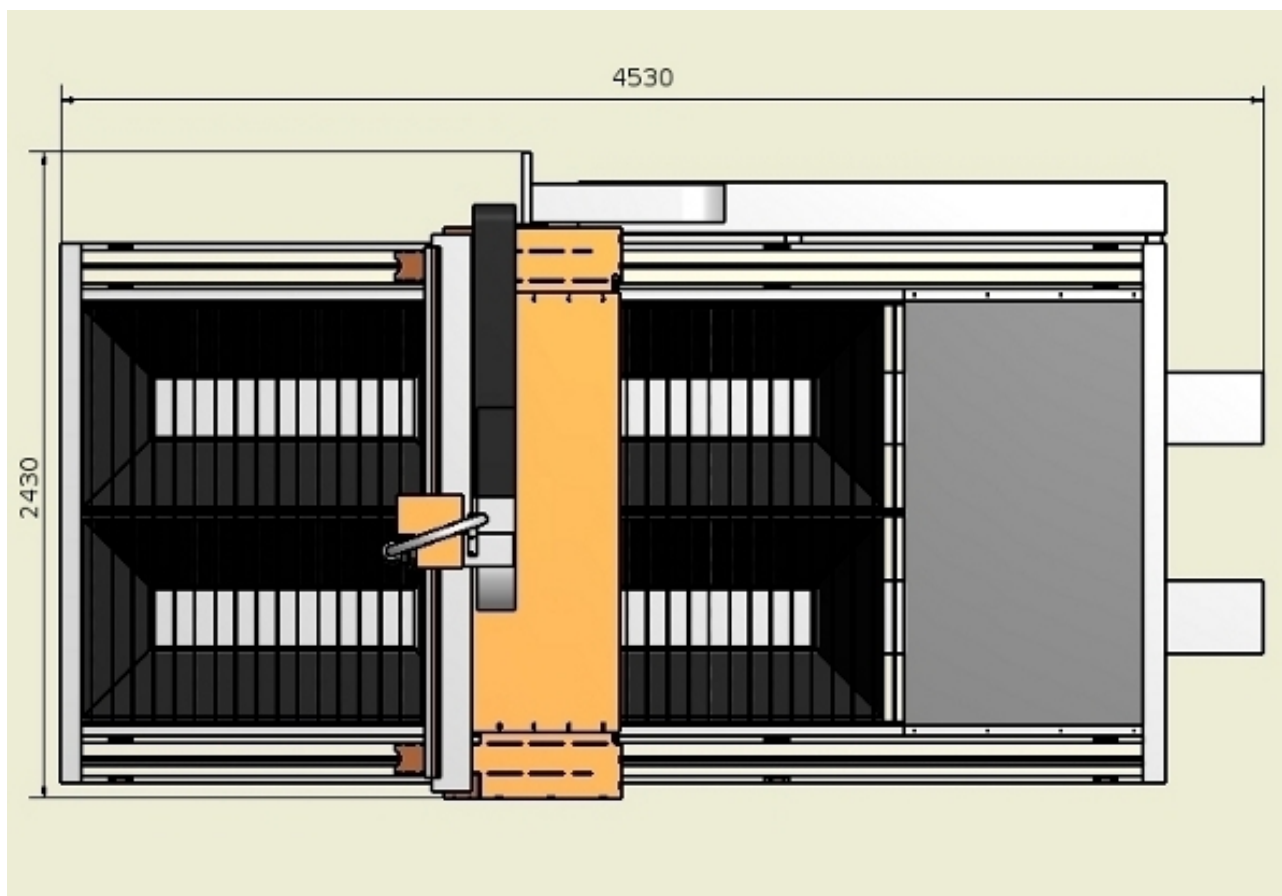
Also HD ECO *Series* comes out in two models: HD3015 ECO and HD4020 ECO, with Cutting Dimensions 1500 X 3000 mm and 2000 X 4000 mm respectively. In the following pages please see the Machines' Dimensions and their Detailed Technical Specifications.



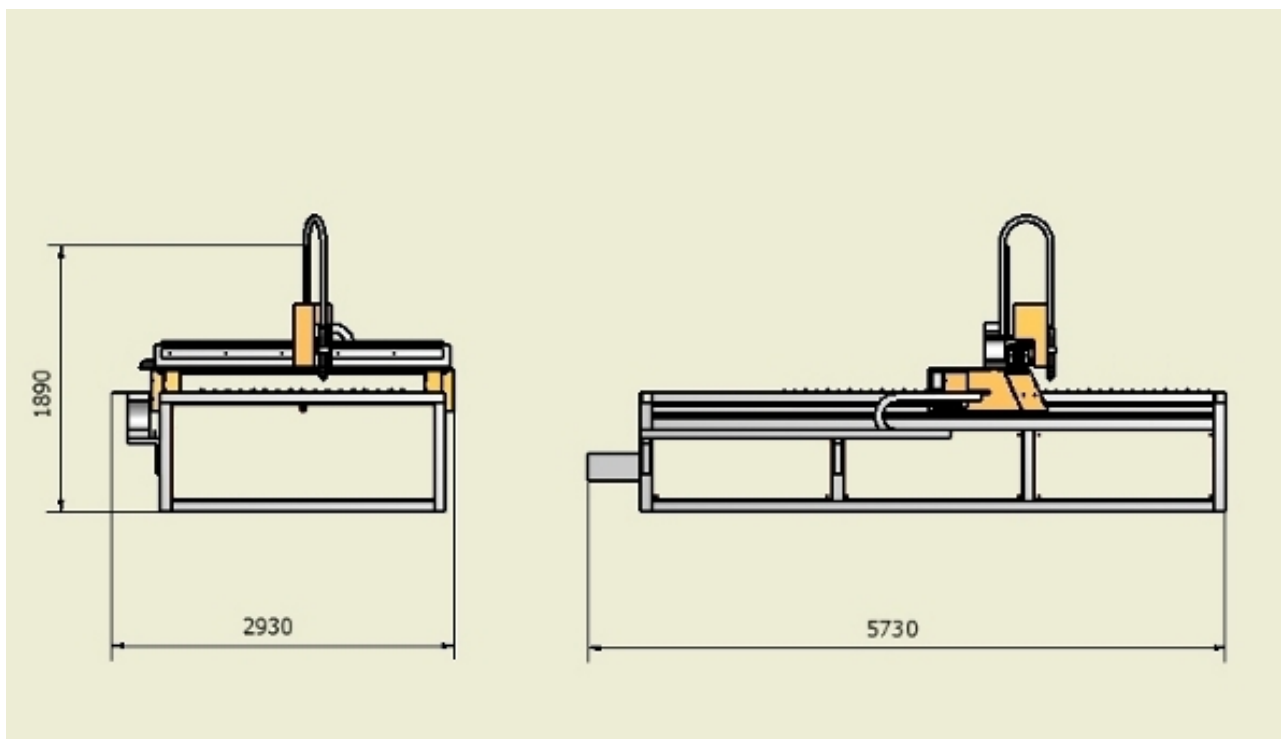
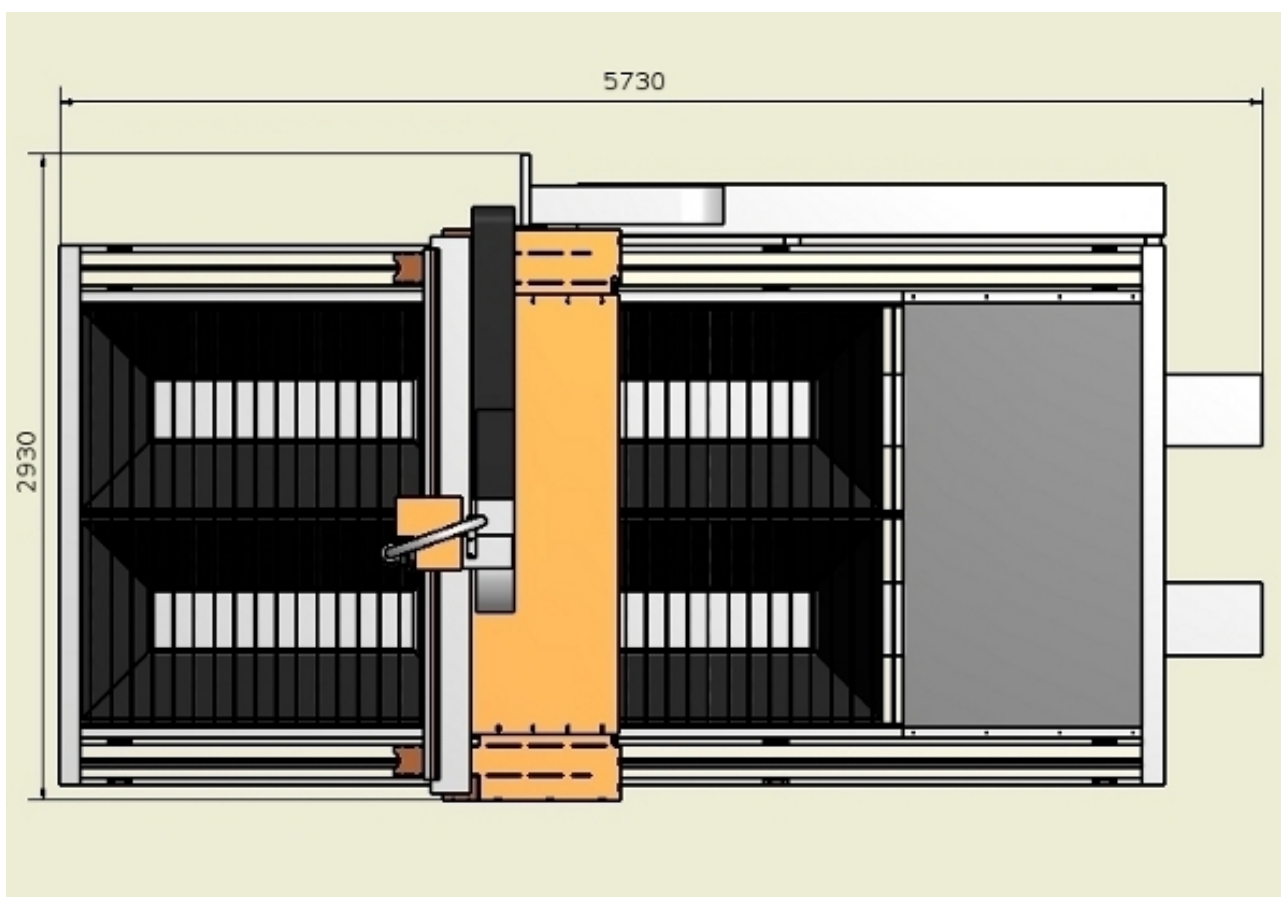
Machine Drawings

(Dimensions in mm)

HD3015 ECO



HD4020 ECO



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Technical Specifications

Type	HD3015 ECO	HD4020 ECO
Cutting Width (mm)	1500	2000
Cutting Length (mm)	3000	4000
Moving Speed (m/min)	15	
Cutting Speed (m/min)	15	
Accuracy (mm)	0.1	
Repeatability (mm)	0.1	
Cutting Technology	Plasma / Plasma High Definition	
Number Of Torches	1	
CNC	EUROPATH V2	
Height Sensor	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 AC	
Operating Power (KW)	1.85	

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