

Athlete



High Speed, High Accuracy, Best Quality



Athlete 1530 with fume collection table

Athlete is the high speed, high precision CNC cutting machine which can integrate with a HyDefinition plasma cutting system to achieve the best cut quality in the industry.

Compact design requires minimum floor space and provides quick installation, friendly operation, and "Put & Cut" application!

Features:

- All-in-one compact design including gantry, fume collection duct and table
- Hypertherm EDGE connect CNC Controller**
- Ethercat servo drives
- Double HiWin linear ways in transverse and longitudinal axis
- Precision Rack and Pinion on dual drive
- Single plasma system (Hypertherm XPR models are recommended)**
- High efficiency sequential zone fume collection table ready for use
- Easy installation and minimum setup time

****Other options available**



Hypertherm XPR HyDefinition Power Source



Arc Solutions, Inc.

Welding • Robotics • Plasma

PH: (419) 542-9272 Fax: (419) 542-9273
www.arcsolinc.com



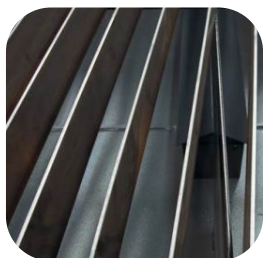
Standard Accessories:



- Hypertherm Edge Connect controller
Integrated capacitive touch screen



- Precision linear way with copper plug for durable lifetime



- Sequential zone downdraft table with unique air flow passage



- Mechanical duct-gate Without electrical parts
Maintenance free!

Optional Accessories:

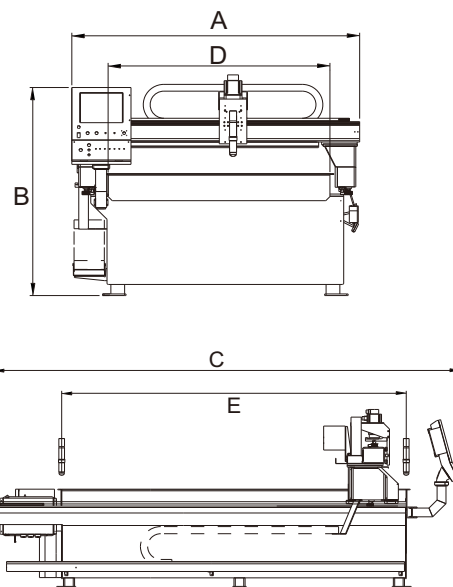
- PC-055 ProArc Sensor THC
- PC-047 Anti-collision device
- PC-026 Mechanical height control
- PC-024 Pneumatic sheet clamp
- PC-007 Laser point positioning unit
- ProArc Dust Collector with inverter fan
- Water table available



● ProArc Total Cutting Solution

Specification			
Model	Unit	Athlete 15	Athlete 20
Power input		AC 220 / 380V, 50 / 60Hz, 3 phase	
Travel drive method		Precision rack & pinion	
Travel rail		Double linear way	
Overall width (A)	Inch	88.5	100
Overall height (B)	Inch	63	
Overall length (C)	Inch	163,(289)	
Cutting width (D)	Inch	63	75
Cutting length (E)	Inch	122,(244)	
Cutting speed	IPM	630	
Travel speed	IPM	950	
Positioning accuracy	Inch	+-.004	
Repeatability	Inch	+-.002	
Machine weight	Lbs	3462	3859

*Specifications subject to change without notice



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