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# MARLIN

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## SPIRIT OF FLAME (SOF-1530HDP)



This machine created for cutting with high definition plasma source such as HPR-130XD or Hi-Focus-130(160)i. Quality, comparable to laser cutting performance. As option is possible to order a heavy-duty variant for plasma source HPR-260XD or Hi-Focus-280i. The oxy flame cutting for thickness up to 50mm (piercing) and 100mm for heavy-duty variant as well. Thanks to the ompact construction of this machine, there is no need to install. Machines ready for use after delivery to customer. You just have to make alignment on a surface by leveling screws. German precision guiding system maintains accuracy over long periods of use with self-lubricate unit. Fast cruiser speed up to 20,omps is claiming productive work time. The high accuracy of moving system allows using all advantages of high definition cutting. The exhaust of combustion products by special cutting table with integrated dust and fume extraction unit with filter system provides clean environmental atmosphere. The cost of a cutting table is include in the price of the machine. The reasonable low cost of the machine with high definition cutting is good benefits for small and middle-sized workshops. Plasma system is by customer request. Cuts mild steel, stainless steel, and aluminum. There is accessing from three sides for fast loading and unloading of plate. Bilateral longitudinal drives, with précising moving system.

### Main Features:

Position accuracy: up to + 0,1mm

Arc voltage Torch height control with ohmic contact.

Cutting widths up to 1500mm ( 2000 mm-optional).5'(6,7')

Cutting length up 3000 mm (up to 6000mm is optional). 10'(20')

Cruising speeds of up to 20,00m/min (800 ipm.)

Material thickness capacity: Plasma up to 30mm, Oxy-50mm(100mm-heavy )

The weight of machine without plasma source "standard"-2400 kg (1500x3000mm)

The weight of machine without plasma source "Heavy" - 2800 kg (1500x3000mm)

Load ability "standard"-1800 kg

Load ability "Heavy" - 3600 kg

Number of tool supports-1

Touch screen interface 10" (15" optional made in EC)

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The moving system with helical style High-Precision Rack & Pinion ATLANTA (USA-DE) drive Systems. Precision Planetary reducer Neugart (DE)



Automatic lubrication system of all moving axis



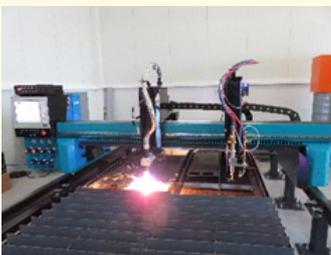
Heavy duty fully welded stable frame



Double linear bearing in cross axis



The machine created for cutting with high definition plasma source such as HPR-130XD or Hi-Focus-130(160)i.



Integrated cutting table with optional dust and fume extraction.



The high-precision edges in sharp corners

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