

CNC PROJECT & REALIZATION

RAPIDFIRE

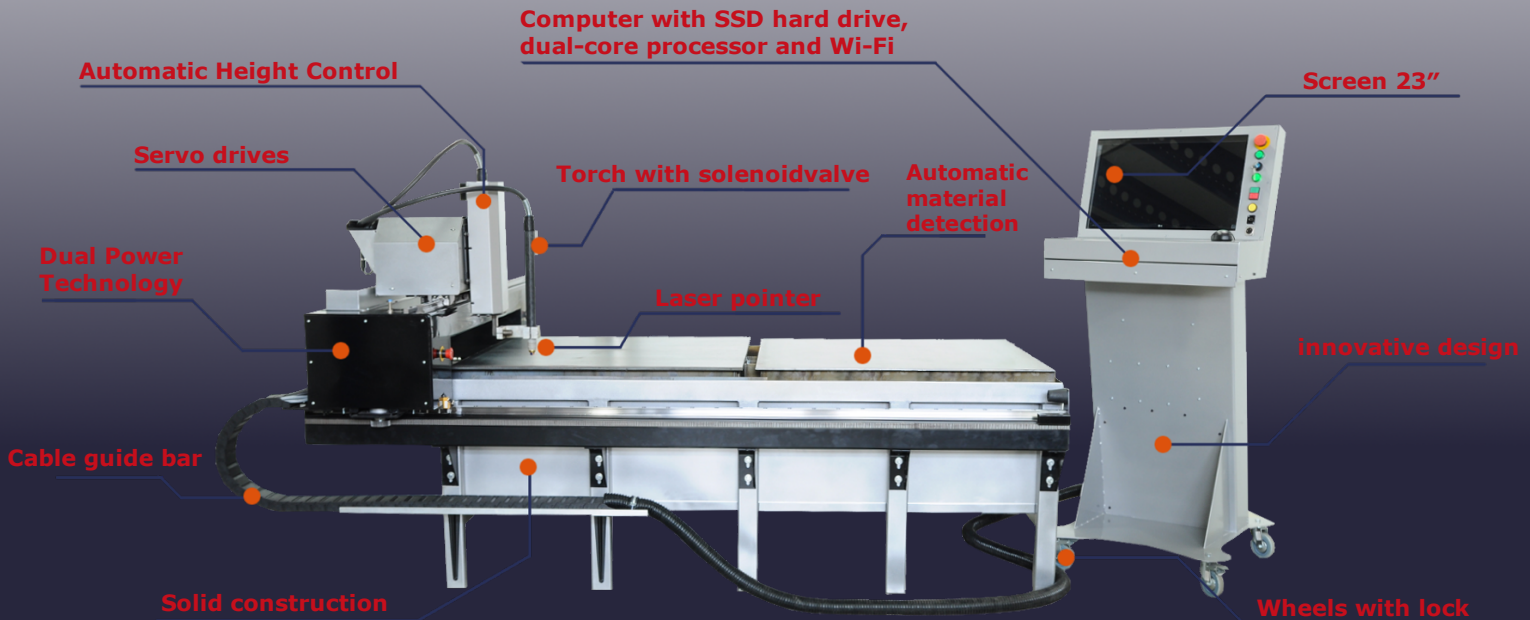
THE
POWERFUL
MACHINES



ATOM 202

PLASMA CUTTING CNC TABLE

WE ARE CREATING TABLES FOR DEMANDING ENTREPRENEURS



EQUIPMENT

Dual Power Technology – The use of precision linear system and two independent intelligent servo drives provides high vehicular speeds and also the high dynamics. This affects the performance of the machine - faster positioning of the torch is shortening production time.

Cable guide bar – hard-wearing, made of high quality plastic

Laser pointer - It indicates the exact position of the torch over material. Makes it easy to cut pieces with different shapes. Also facilitates processing of semi-finished.

Automatic Height Control (AutoHC) – Applied modern solution optimizes the cutting process. AutoHC improves the efficiency of the process - reduces consumption of wear parts and increases the penetration and cutting quality.

Automatic material detection - Detects a predetermined height and thickness of metal sheet and optimizes the cutting parameters.

Torch with solenoid valve - Accelerates arc ignition, increases cut speed and relieves compressor.

Servo drives - Intelligent servo drives on both sides move in a very precise form longitudinal rail.

MODIFICATION

- Oxyfuel torch
- Milling additional support
- Grate with a water chamber
- UV Shield
- Portal roll
- Portal long
- Plasma routing and marking module
- Independent automatic exhaust extractor





RAPID CNC CONTROLLER

- Processor:** Intel® Pentium® 3558U (1.7 GHz, 2 MB cache, 2 cores)
- Graphics:** Intel HD Graphics
- RAM Memory:** 2 GB 1600 MHz DDR3 SDRAM
- Hard disc:** SSD 32 GB
- Communication:** Wi-Fi, 4x USB 3.0
- Control:** Keyboard, mouse



SOFTWARE

Operating system: **Windows 8.1**

Fast and reliable, you will be use it in additional operations.

Operating table: **Rapid Fire Enigma**

Intuitive and therefore easy to use.

It enables the smooth running of the cut, monitoring all parameters. Rapid Fire Enigma allows cut a simple details, without creating projects.

Creating and preparation of projects : **Wrykrys**

It allows to create projects, has a ready-made templates and macros, which very quickly can be converted into a finished project.

All Softwares in multiple language versions.

UV Shield – Protection from harmful radiation. It also protects from splashes generated during the cutting process.

Portal roll – Special rings instead of the traditional grid. Speeds up the work and minimize waste by using a sheet from the roll. This is a the best solution for industrial ventilation.

Portal long – Special construction allows the portal to perform work outside the table. It is ideal for cutting large profiles such as pipes. Complementing this system can be a manipulator welding positioner or roller. You can cut metal parts of frames (H and T).

Plasma routing and marking module - Applying the points for drilling, bending or welding position or application for bending or welding.

Independent automatic exhaust extractor – sections has been designed to ensure the best possible fumes extraction and significant reduction in energy consumption. IAEE system optimizes this process by sectional opening of the individual extraction chambers. At lower outside temperatures it prevents heat loss from the production hall. The control is done either automatically or manually.

DIMENSIONS

1000x2000

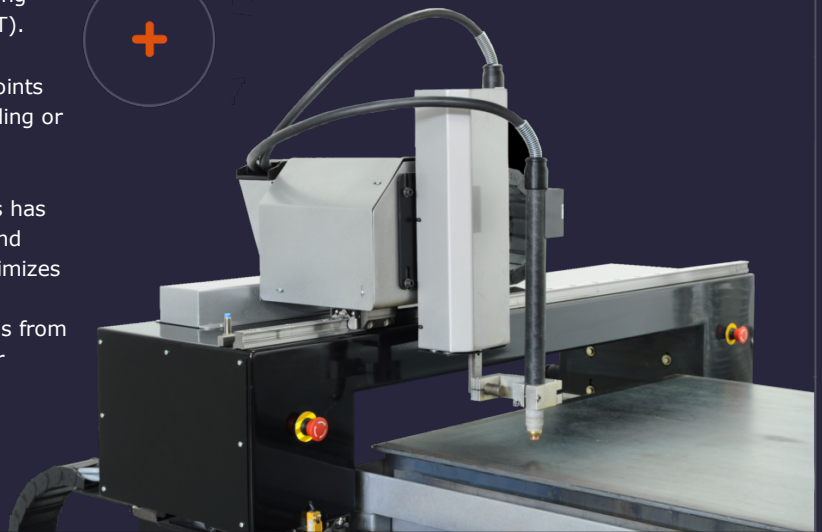
1500x3000

2000x3000

2000x4000

2000x6000

OTHER



TABLES ARE CREATED FOR THE **DEMANDING ENTREPRENEURS** WHO WANT TO GET **HIGH QUALITY CUTTING DETAIL, EFFICIENT SERVICE AND HIGH EUROPEAN QUALITY. OUR ENGINEERS DEVOTE MUCH ATTENTION TO THE MACHINE. THAT IS WHY THEY REFINED IN EVERY RESPECT. THE RESULT OF THEIR ACTIVITIES IS THE LONGEVITY, RELIABILITY AND EASE TO USE.**

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SELECT THE PLASMA SOURCE



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