

IRBIS

heavy-duty
CNC
gas
and
plasma
cutting
machine



The **IRBIS** cutting machine is designed for medium-sized and large companies, the production of which requires cutting shapes in larger series and with a large range of thickness of the cut material. It is equipped with a high level of automation and the latest cutting technologies.

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IRBIS is a portal type of cutting machine, which by its construction is predetermined for high operating loads. It is suitable for high performance plasma sources and for gas cutting up to a material thickness of 300 mm. The basis of the machine is a heavy-duty machined portal with a double linear guide. The machine track is made of solid and precise rails.



The machine is equipped with professional touch screen CNC controller. Communication between CNC, servo and other accessories is fully digital.



STANDARD EQUIPMENT

- Steel, heavy duty machined portal
- Precision rack and pinions
- Double linear slides in cross axis
- Heavy duty machined rails in the longitudinal axis
- Floating cutting head
- Heat protection
- Anticollision sensor for plasma cutting
- Laser cross for plate alignment

TECHNOLOGY

- Plasma cutting
- Gas cutting
- Plasma marking - depends on the plasma unit
- Pipe cutting

CNC CONTROL

- Professional industry CNC control system
- 19 "color touch screen with protective glass
- Digitally controlled AC servo system
- Built-in automatic technology for plasma cutting
- Built-in automatic technology for gas cutting

TECHNICAL PARAMETERS

- | | |
|----------------------|----------------------|
| • Cutting width | 3 000 - 5 000 mm |
| • Cutting length | 3 000 - 20 000 mm |
| • MAX. travel speed | 20 mtr / min |
| • MAX. cutting heads | 1 x plazma + 4 x gas |

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