



NEWS

VERSATILE SOURCE SUPER-200P

Limited Liability Research-and-Production Company «Plasma» (Rostov-on-Don, RF) for 18 years has been involved in development and production of electric welding equipment, and is now taking one of the leading positions in Russia not only in the volume and range of its products, but also in their technical level.



Machines developed by designers and production engineers of the «Plasma» Company in collaboration with specialists of the E.O. Paton Electric Welding Institute of the NAS of Ukraine feature a high level of welding characteristics, reliability and simplicity in operation, as well as an excellent exterior design.

Worthy of attention in a product line of argon-arc welding units are multifunctional, light-weight, easy-to-use and mobile inverter rectifiers based on the up-to-date MOS-FET technology, which provide HF arc excitation, adjustable mode of welding current pulsation $P/(pulse)$, and are equipped with forced air cooling and overheating protection.

SUPER-200P is one of the versatile professional welding units of the inverter type, which provides a high welding quality on all types of metals in the mode of tungsten-electrode argon-arc (TIG) welding at the alternating and direct current (AC/DC), as well as in a mode of manual arc (MMA) welding. In addition, it makes it possible to perform air-plasma cutting of up to 10 to 15 mm thick metals.

Key advantages of SUPER-200P include regulation of the time of purging at the beginning and end of welding and the initial welding current, smooth decrease of the welding current at the end of welding, overheating protection, multifunctionality, and pulsation mode for TIG welding.

Parameters of SUPER-200P: mains voltage – 220 V; welding current (duty cycle) – 200 A (60 %); power – 4.5 kW, dimensions (H × W × D) – 498 × 327 × 360 mm, weight – 20 kg.

GANTRY-TYPE THERMAL CUTTING MACHINE «NORMAL»

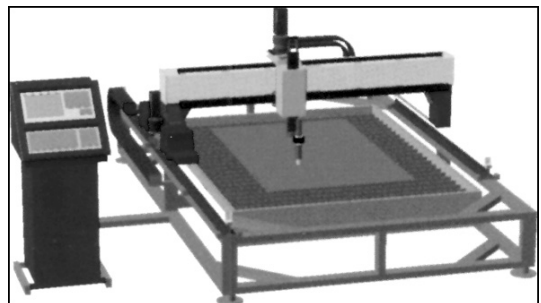
Moscow Limited Liability Company «Factor» offers three-coordinate gantry-type thermal cutting machine «Normal», which is a CNC processing system for cutting out of metal rolled products based on specified drawings. The machine is equipped with a system for automatic return to the initial cut point on each part and a system for tracking of distance between a cutter and plate being cut. The machine allows cutting out of complex-configuration billets with the high accuracy and quality of a surface cut.

It can be fitted with any device for air-plasma cutting of metals, as well as with equipment for gas-oxygen cutting. Sizes of the cutting work zone range from 1.5 × 3 to 3.5 × 12 m.

CNC parameters:

- input of control programs – keyboard, USB port. Loading and unloading of control programs are performed in a dialogue mode of the menu system;
- design – monoblock (processor, sensor communication board, volatile and non-volatile (flash-disk

memory), membrane keyboard, colour display, power source);



- supply voltage – 220 V, 50 Hz. Consumed power – not more than 400 W;
- types of interpolation: linear and circular on X and Y coordinates;
- quantity of feedback controlled coordinates – 3;
- proportional control of Z coordinate by signal of distance or arc voltage sensor.