



NEWS

NEW LINE OF PROFESSIONAL WELDING MACHINES «FORSAZH»

New line of professional welding machines «Forsazh» embodied all recent achievements in the field of inverter technologies. The sixteen years' experience in design and manufacture of welding equipment at the Ryazan Instrument-Making Plant, RF, and perma-

Welding machines «Forsazh» are manufactured under the conditions of high-technology up-to-date production of a large Russian enterprise, which is a guarantee of stable operation of the equipment during the entire life cycle.



nent dialog with customers allowed developing the efficient machines with a wide range of functions, optimal properties of the welding arc and usability.

Light-weight and compact welding machines «Forsazh» of a new line provide mobility in carrying out works in any hard-to-reach place. Among them are Forsazh-301PRO (MMA), Forsazh-302 (MIG/MAG, MMA), Forsazh-315 (TIG, MMA), and Forsazh-200 (MMA, inverter).

The highest level of quality and reliability of the equipment was provided owing to original circuit solutions implemented on the modern cell base of leading foreign companies, rigid system of factory tests and obligatory pilot experimental operational tests of the new machines on production facilities.

The «Forsazh» trade mark has a high level of customers' confidence, which is maintained by a well-developed network of regional dealers, qualified technical support from the enterprise, 17 service centers on the territory of Russia and the Republic of Belarus.

Main advantages of «Forsazh» welding machines:

- easy arc ignition;
- electronic regulation of the welding arc current;
- automatic control of fan operation;
- capability of working in a long-term mode;
- welding in all spatial positions;
- long service life;
- low energy-consumption.



«SELMA» ELECTRIC TRANSPORT

Company «Selma», one of the biggest manufacturers of welding equipment in Ukraine, proposes a new type of products – environmentally clean type of transport: passenger and freight electrocycles.



The electrocycle is a three-wheel electric vehicle equipped with a handle bar, one front guide wheel and two rear guide wheels.

The driver's seat and a seat for two passengers are installed on a general frame of the electrocycle. A body for transportation of freight can be installed instead of the rear seats for passengers when necessary.

An electric motor is mounted on a drive beam of the rear wheels. Traction batteries serve as a power source for the electric motor. The electrocycle is controlled using a speed selector.

Main advantages of electrocycles:

- environmentally clean type of transport (non-polluting);
- low energy consumption;
- costs for charging the batteries for a haul length of up to 60 km is 1 UAH;
- small dimensions and low weight;
- high mobility;
- noise-free;
- possibility of moving indoors due to small dimensions;
- charging of traction batteries is carried out from the common 200 V mains;
- simple design and control.

Specifications:

- the travel speed (smoothly adjustable) is up to 20 km/h forward and up to 5 km/h backward;
- haul without recharging is up to 60 km;
- getting over a slope is up to 10 %;
- capacity of a driving motor is 1500 W;
- parameters of the traction batteries are 12 V: 50 A·h;
- load-carrying capacity is up to 300 kg;
- and recharging time is 10 h.

FOR SPECIALISTS

On June 16–17, 2010 Ukrainian-German Seminar on the subject «*Plasma and Electron Beam Technologies for Protective Coatings*» will be held in Kiev at the E.O. Paton Electric Welding Institute.

Seminar subject complies with such a priority field as «*New materials and production technologies*», developed by the Federal Ministry of Education and Science of Germany within the framework of scientific-technical cooperation with Ukraine. The project was planned as a pilot project and is intended to support internationalization of SMEs. It should promote practical implementation of internationalization strategy.

The Seminar envisages exchange of information on the above subject between specialists of both enterprises and scientific institutions. The main circle of seminar participants will include scientists and specialists of manufacturers and users of functional products with optimized tribological properties, as well as specialists working in such production sectors, as automotive industry, mechanical engineering, etc. Poster presentations and possibility for cooperation negotiations will also be provided during the seminar.

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