

NEW



FRONT CONTROL PANEL

NEW PORTABLE AND COMPACT

MIG / MAG welding machines KITWELD 220, 270 and 320 MIG are small, light and powerful digital three-phase inverters with integrated wire feeder. Inverters are designed for welding methods MIG / MAG with steel wire 0,6-1,2 mm, stainless steel wire 0,8-1,0 mm and aluminum wire 1,0-1,2 mm. The machines can be ordered with water cooled welding torch and cart for easy handling in the workshop.

POWERFUL & ROBUST WIRE FEEDER 2x2/4x4

Machines are equipped with a powerful wire feeder engine with an optical sensor and digital control to ensure accurate and stable administration of the wire. Standard equipments are two and four roll wire feeder with driven main and pressure rollers to ensure smooth function for all types of wire (steel, stainless steel or aluminum). Used pulleys have diameter of 30 mm.

NEW DIGITAL CONTROL

New digital control now provides not only optimal welding characteristics, but also its dynamic adaptation directly during the welding process, which achieved significantly higher weld quality, less cost and simplify the spray welding. With this technology can be reached excellent results even by less experienced welders. To ensure excellent welding properties, high duty factor and high reliability are the machines overpowered and are able to deliver a current over 500 A.

Digital design and advanced electronics also allow to significantly reduced weight, size and consequently the price of the new inverters KITin.

ADVANTAGES OF MACHINES KITWELD MIG

- excellent welding properties
- high power and duty factor while maintaining the compact dimensions of the machine
- high performance reserve
- simple and intuitive control and setup of parameters
- embedded front panel - the controls are protected from damage
- auto calibration - the machine is switched on again for each set so they are always assured of constant parameters
- automatic monitoring of overvoltage or under-

voltage in the power network. Electronics highlight the high or low input voltage

- the machine is designed for industrial use
- high efficiency and the lower consumption

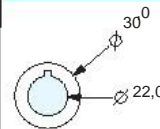
EQUIPMENT KITWELD MIG

- new II. generation digital management to improve the quality of the weld and assuring easy welding; provides continuous adjustment of welding current characteristics during the welding process in dependence on the conditions
- continuous regulation of voltage and wire speed
- continuous adjustment of dynamics (arc softness, coil)
- adjustment of functions SOFT START and HOT START (for aluminum welding)
- adjustment of function BURR OUT of wire
- function Synergic - automatic setting of welding parameters
- 10 positions in the memory for self programs
- possibility of using wire on spools 5 and 15 kg
- efficient and robust all metal wire feeder 2x2 or 4x4
- digital volt-ampere meter
- plug for remote control
- solid and compact design
- the possibility of updating firmware
- automatic fan control - runs only when necessary
- The function for reporting errors on display

USAGE

High performance, excellent welding properties and solid structure predetermines the use of these machines in the manufacturing and assembly companies, plant maintenance, repairs and heavy industry.

ROLLS for WIRE FEEDER



No.	TYPE	Ø WIRE	
32002	Ø 22/30	0,6-0,8	
31340	Ø 22/30	0,8-1,0	STEEL, SS, Fe
31840	Ø 22/30	1,0-1,2	
32282	Ø 22/30	1,2-1,6	
31868	Al Ø 22/30	1,0-1,2	ALUMINIUM
31867	Al Ø 22/30	1,0-1,8	
31689	Al Ø 22/30	1,2-1,6	
32307	tube Ø 22/30	1,0-1,2	
32308	tube Ø 22/30	1,4-1,6	
32309	tube Ø 22/30	1,6-2,4	
32310	tube Ø 22/30	2,0-2,4	TUBE



CWF 410
No. 32314

CWF 300
No. 30997



SPOOL HOLDER 5 - 15 kg

	MIG 220	MIG 270	MIG 320
Number	50995	50996	50531
Welding method	MIG/MAG	MIG/MAG	MIG/MAG
Supply voltage 50/60 Hz	[V] 3x400 +10% -20%	3x400 +10% -20%	3x400 +10% -20%
Protection	[A] 16	16	25
Duty cycle 100%	[A] 200	220	220
Duty cycle	[A] -	250 / 80%	300 / 40%
Welding current	[A] 220	250	300
Maximum current	[A] 500	530	580
Adjustable welding voltage	[V] 8-30	8-30	8-30
Output voltage	[V] 65	65	65
Recommended torch	MIG 25	MIG 24	MIG 36
Wire feed speed	[m/min] 1-20	1-20	1-20
Diameter of wire - steel, stainless steel	0,6-1,2	0,6-1,2	0,6-1,2
- Al	1,0-1,2	1,0-1,2	1,0-1,2
- tube	0,9-1,6	0,9-1,6	0,9-1,6
Wire spool	5 - 15 kg	5 - 15 kg	5 - 15 kg
Coupler	35-50	35-50	35-50
Protection Class	IP 23 S	IP 23 S	IP 23 S
Dimensions	[mm] 595x270x430	595x270x430	595x270x430
Weight	[kg] 27	27	27