DAIHEN VARSTROJ

USER FRIENDLY

VARIN welding machines propose to the welder the selection of welding parameters and the thickness of the electrode depending on the thickness of the welded material.

VARIN 1605 LCD

recommended for "hobby" welding (material thickness up to 5 mm

VARIN 1805 LCD

recommended for "hobby" welding, small workshops, light industry

VARIN 2005 LCD CEL GEN

suitable for light industry, work in the field, construction sites, workshops. Welding of medium and thicker materials (up to 10 mm)

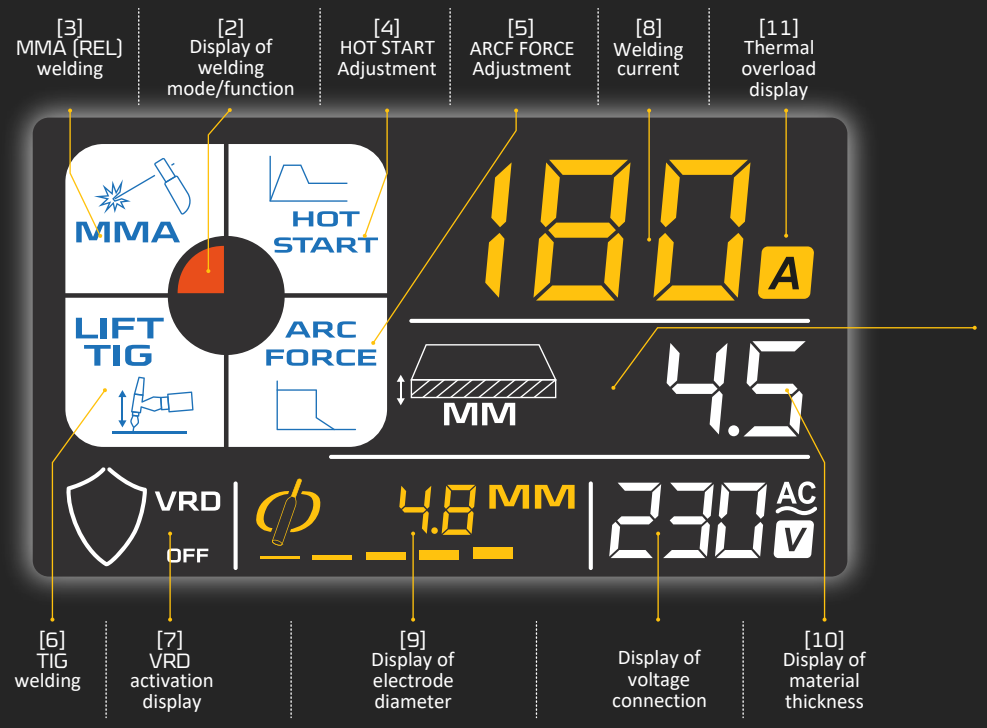
Field of use	■ ■	■ ■	■ ■
MMA rutile	●	●	●
MMA basic	●	●	●
MMA CEL	/	/	●
TIG DC	●	●	●
Welding current (A)	5 - 160	5 - 180	5 - 200
Duty cycle / welding current	25%160A	20%180A	15%200A
Electrode diameter	1,6 - 3,25	1,6 - 4,0	1,6 - 5,0
Material type	Mild and stainless steel		
Special features	Anti stick • Adjustable Hot start • Adjustable ARC Force		
Code	606965	606966	606967

Field of use: ■ hobby ■ workshops ■ industry

VARIN 1605 LCD

VARIN 1805 LCD

VARIN 2005 LCD CEL GEN



SMART ASSISTANCE
when setting parameters.
The VARIN welding machine automatically suggests parameters based on the thickness of the material.

pos.	element name	function description	adjustment
1	**Settings button**	Button for setting of the welding parameters	
2	**Display of welding mode / selected function**	Pressing the settings button selects and activates the welding mode or function	
3	**MMA welding**	Welding with a coated electrode	10A - Imax
4	**Adjustable HOT START**	Adjustment of HOT START function (only MMA welding) -allows the current to increase when the electrode is ignited for easier exposure of the el. arc -Suitable for beginners	0 - 10
5	**Adjustable ARC FORCE**	Adjustment of ARC FORCE function (only MMA welding) - reduces the possibility of electrode contact with the workpiece during welding. - when the electrode approaches the workpiece, the welding current automatically increases - Suitable for beginners	0 - 10
6	**TIG welding**	DC TIG - touch ignition - TIG torch is not included in set	10A - Imax
7	**VRD**	Display of VRD function activation (only MMA welding) Activate/deactivate the function by pressing and holding the parameter setting button (min. 4 seconds) - a function that turns off the power for a few milliseconds after welding and reduces the voltage. This is an added safety measure for the welder, especially in an environment prone to surges	ON - OFF
8	**WELDING CURRENT**	Display of welding current	10A - Imax
9	**Electrode diameter**	Display of the electrode diameter in relation to the set welding current	
10	**Material thickness display**	Display of the material thickness in relation to the given welding current	
11	**Thermal overload display**	When the device overheats (occasionally), the overheating indicator lights up. The machine stops working until it cools down, after which you can resume normal welding.	

DAIHEN VARSTROJ

MIG/MAG,
MMA,
option TIG

LIGHT

MULTIFUNCTIONAL

HANDY

VARMIG 1605D
Profimig

welding of light constructions of thinner materials (up to 5 mm), bodywork and sheet metal...

VARMIG 2005D
Profimig

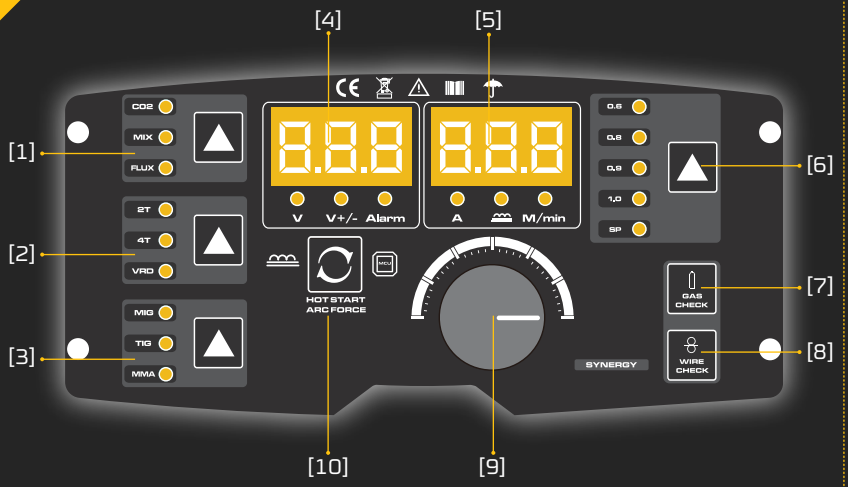
welding constructions of thin and medium thicknesses of material (up to 10 mm), ideal for terrains, construction sites, welding (repairs) of agricultural and construction machinery...

■ ■	Field of use	■ ■
●	MIG /MAG	●
●	Polnjena žica	●
●	MMA (standard eqipment)	●
●	TIG - touch (optional eqipment)	●
●	Synergy welding	●
50-160	Welding current (A)	50-200
MIG/MAG 30%160A	Duty cycle / welding current	**MIG/MAG** 20%200A
TIG 30%160A		**TIG** 20%200A
MMA 30%160A		**MMA** 20%160A
0,6 - 0,8	Diameter of welding wire (mm)	0,8 - 1,0
Mild steel / thinner sheets	Type of material	Mild steel / thinner sheets
606968	Code	606969

Field of use: ■ hobby ■ workshops ■ industry

VARMIG 1605D
Profimig

VARMIG 2005D
Profimig



[1] Gas selection
[2] Switching on the VDR function for MMA welding.
2T and 4T choice for MIG/MAG welding.
[3] Welding mode selection: MMA / LIFT TIG / MIG/MAG
[4] Digital display for changing the welding voltage
[5] Digital display for changing the welding current
[6] Selection of welding wire diameter (synergy) or HAND (without synergy)

SYNERGY – wire is automatically added or retracted at a given welding current. The function can be turned off, so that the welder can adjust the welding current and welding voltage himself.

[7] Gas check
[8] Wire check and deployment
[9] Button for setting welding parameters
[10] Function button: adjust the inductance in MIG mode; adjustment of HOT START and ARC FORCE in MMA mode

INDUCTIVITY adjusting the compactness of the welding puddle / hard / soft electric arc

WELDING OF DIFFERENT MATERIALS

MIG/MAG
- ☑ **MILD STEEL** - welding with synergy or without
- ☑ **STAINLESS STEEL** - welding without synergy
- ☑ **ALUMINIUM** - welding without synergy

MMA
- ☑ **MILD STEEL**
- ☑ **STAINLESS STEEL**

LIFT TIG
- ☑ **MILD STEEL** - ignition of electric arc by tungsten electrode contact on the workpiece
- ☑ **STAINLESS STEEL** - ignition of electric arc by tungsten electrode contact on the workpiece

RECOMMENDED WELDING SHIELDING GASES

MIG/MAG

Mild steel	CO_2 - 100 % MIX - Argon 82%, CO_2 18% FLUX - Flux cored wire
Stainless steel	MIX - Argon 98%, CO_2 2%
Aluminium	100% Argon

LIFT TIG

Mild steel	100% Argon
Stainless steel	100% Argon