

WELDING EQUIPMENT



 **bester**®
by Lincoln Electric

STICK MACHINES



BESTER 150-ST, 170-ST, 210-ST DC INVERTER

INVERTER WELDING MACHINES FOR MMA WELDING USING COVERED ELECTRODES

Bester 151, 181 and 210 are new family of inverter welding machines for DC welding using covered electrodes. The machines are small, light and allow smooth adjustment of welding current. Suitable for stick welding with rutile and basic electrodes up to 3.2 mm (Bester 151) and 4.0 mm (Bester 181 and 220).

All Bester's inverters are available for TIG welding. After the TIG torch with tap is connected, the machine is ready to start working, Bester 151 offers TIG Scratch option for easy arc ignition (by scratching the surface of base material with tungsten). Bester 181 and 210 provide easier way of arc starting – Lift TIG option (touch surface of base material with tungsten and lift electrode to ignite the arc).

The machines are equipped with input power cord with plug, work cable with clamp and welding cable with electrode holder.

- Possibility of TIG welding
- Welding cable with electrode holder included
- Light and easy to transport
- 2 year full warranty and authorized service providers in whole Europe

PRODUCT	NUMBER	INPUT VOLTAGE (V)	RATED OUTPUT CURRENT / DUTY CYCLE	FUSE (A)	WELDING CURRENT RANGE (A)	WEIGHT (kg)
Bester 150-ST	B18253-1	230	130 A / 25%	130 A / 25%	10-130	5
Bester 170-ST	B18254-1		160 A / 15%	160 A / 15%	10-160	6
Bester 210-ST	B18255-1		200 A / 10%	200 A / 10%	10-200	8

PROFI TOWER



MAGSTER 380, 450, 450W

PROFESSIONAL SEMI-AUTOMATIC WELDING MACHINES WITH SEPARATE WIRE FEEDER

Magster 380 and 450 are fully professional welding machines for industrial applications. They may be connected to separate wire feeder. There are two models of wire feeders available: PDE 50, equipped with all useful functions. Optionally equipped with A/V displays.

Wire feeder PDE 50 can be connected to power sources Magster 380 and 450. Wire feeder PDE 51 is equipped with bigger drive rolls (40 mm) and A/V displays. Magster 380 and 450 are equipped with: welding gun 4 m with EURO socket (LGS505W-4m for Magster 450W), gas regulator Harris® 801, work cable 3 m, gas hose 2 m, input power cord 3 m without plug and gas heater socket.

2 year warranty with unlimited hours.

Gas regulator Harris 801



- LGS 360 G-4.0M MIG gun (air-cooled)
- LGP 420 G-4.0M MIG gun (air-cooled)
- LGS 505 W-4.0M MIG gun (water-cooled)

- Professional 4-roll wire feeder (with 40 mm roll diameter for PDE 51)
- Welding gun 4 m included
- Gas regulator Harris® included
- Functions 2-/4-stroke gun trigger mode, spot welding, stick-out adjustment and A/V displays (PDE 51). For PDE 50 as option.
- 2 year full warranty and authorized service providers in whole Europe

PRODUCT	NUMBER	INPUT VOLTAGE (V)	RATED OUTPUT CURRENT / DUTY CYCLE	WELDING CURRENT RANGE (A)	WEIGHT (kg)
Magster 380	B18223-1	400	360 A / 40%	40-360	129
Magster 450	B18224-1		420 A / 40%	40-420	154
Magster 450 W	B18225-1				162

MIG HOBBY



MINIMAGSTER 1502, 1502S

SEMI-AUTOMATIC WELDING MACHINES FOR HOBBY APPLICATIONS

Minimagster 1502 are small and portable wire feed welding machines for around-the-house and garage works, metalworks and all hobby applications. The machines allow to use 0.5-0.8 mm wire in 0,5 kg coil and 0,9 mm Innershield® wire. The machines are equipped with robust wire feeder with 30 mm-diameter roll, spot welding function and changing polarity of the output voltage for flux-cored welding (Innershield®).

Minimagster 1502 is designed for 230V supply, Minimagster 1502S is equipped with two input power cords for the two supply voltages 230 and 400V. Standard equipped with: welding gun 2.5 m, work cable 2.5 m, drive roll (0.6-0.8 mm solid wire and 0.9-1.1 mm Innershield® wire), contact tips for 0.6, 0.8 and 0.9 mm wire, 0.45 kg Innershield® coil package, welder's protection shield.

2 year warranty with unlimited hours.

- Robust wire feeder with 30 mm-diameter roll
- Fixed welding gun
- Set of welding accessories
- Input voltage 400V (only 1502S)
- Flux-cored self-shielded welding possible (Innershield® wire)

PRODUCT	NUMBER	INPUT VOLTAGE (V)	RATED OUTPUT CURRENT / DUTY CYCLE	FUSE (A)	WELDING CURRENT RANGE (A)	WEIGHT (kg)
Minimagster 1502S	B18214-2	230 / 400	115 A / 20%	16	40-115	35

MIG HOBBY



MIDIMAGSTER 1613, 1801

EXCELLENT SEMI-AUTOMATIC WELDING MACHINES FOR EACH WELDER

Midimagster 1613 and 1801 are one of the most popular professional semi-automatic welding machines in Poland. The machines feature perfect design, excellent welding parameters and very simple user operations.

The Midimagster machines allow to use 0.6-0.8 mm solid wire. Input voltage: 3x400V (model 1613) and 230V/400V (model 1801). Both machines are equipped with robust wire feeder with 30 mm-diameter roll and can use 15 kg wire spool. Standard equipped with: fixed welding gun 2.5 m, work cable 2.5 m, drive roll (0.6-0.8 mm wire) gas hose 2 m, input power cord with plug.

2 year warranty with unlimited hours.

- Robust wire feeder with 30 mm-diameter roll
- Fixed welding gun
- Set of welding accessories
- Input voltage 400V (only 1502S)
- Flux-cored self-shielded welding possible (Innershield® wire)

PRODUCT	NUMBER	INPUT VOLTAGE (V)	RATED OUTPUT CURRENT / DUTY CYCLE	FUSE (A)	WELDING CURRENT RANGE (A)	WEIGHT (kg)
Midimagster 1613	B18220-1	400	140 A / 15%	16	40-140	48
Midimagster 1801	B18219-1	230 / 400	160 A / 10%		40-160	50

PROFI COMPACT

Gas regulator Harris 601

LGS 150 G-4.0M MIG gun (air-cooled)
LGS 250 G-4.0M MIG gun (air-cooled)

- Professional 2-roll wire feeder
- Welding gun 4 m included
- Gas regulator Harris® included
- Functions 2-/4-stroke gun trigger mode, spot welding, stick-out adjustment
- 2 year full warranty with no limits and more than 60 Bester's authorized distributors in Poland

MAGSTER 190, 220

PROFESSIONAL SEMI-AUTOMATIC WELDING MACHINES FOR MILD STEEL LIGHT CONSTRUCTION APPLICATIONS

Magster 190 and 220 are excellent semi-automativ welding machines. Robust, reliable and well known on the welding market. The machines are equipped with 2-roll wire feeder with 30 mm-diameter roll. Recommended for light, steel construction and solid wire size range 0.6-1.0 mm.

Semi-Automatic welding machines Magster 190 and 220 have all useful functions: 2-/4-stroke gun trigger mode, spot welding, stick-out adjustment and 10-step switching of welding voltage. Standard equipped with: drive roll (0.8-1.0 mm wire), welding gun 4 m with EURO socket, gas regulator Harris® 601, work cable 3 m, gas hose 2 m, input power cord 3 m, without plug and gas heater socket.

2 year warranty with unlimited hours.

PRODUCT	NUMBER	INPUT VOLTAGE (V)	RATED OUTPUT CURRENT / DUTY CYCLE	WELDING CURRENT RANGE (A)	WEIGHT (kg)
Magster 190	B18215-1	400	175 A / 35%	25-180	70
Magster 220	B18216-1		200 A / 35%	40-215	72

PROFI COMPACT

Gas regulator Harris 601

LGS 250 G-4.0M MIG gun (air-cooled)
LGS 240 G-4.0M MIG gun (air-cooled)

- Professional 2-roll or 4-roll (4x4 models) wire feeder
- Welding gun 4 m included
- Gas regulator Harris® included
- Functions 2-/4-stroke gun trigger mode, spot welding, stick-out adjustment and A/V displays (only in 4x4 models).
- Gas hose 2 m
- Pinput power cord 3 m, without plug
- Gas heater socket
- 2 year full warranty with no limits and more than 60 Bester's authorized distributors in Poland

MAGSTER 280 (4x4), 330 (4x4)

PROFESSIONAL SEMI-AUTOMATIC WELDING MACHINES FOR MILD STEEL AND STAINLESS STEEL LIGHT CONSTRUCTION APPLICATIONS

Magster 280 and 330 are one of the most popular professional semi-automatic welding machines in Poland. Equipped with professional 2-roll wire feeder.

Models marked with a symbol 4x4 are equipped with 4-roll wire feeder and displays of welding parameters. Recommended for solid wire size range 0.6-1.2 mm and Aluminium welding.

Semi-Automatic welding machines Magster 280 and 330 have all useful functions: 2-/4-stroke gun trigger mode, spot welding, stick-out adjustment and 10-step switching of welding voltage. Models 4x4 feature 4-Roll Wire Drive System and A/V displays. Standard equipped with: drive roll (0.8-1.0 mm wire for Magster 280 and 1.0-1.2 mm wire for Magster 330), welding gun 4 m with EURO socket, gas regulator Harris® 601, work cable 3 m.

PRODUCT	NUMBER	INPUT VOLTAGE (V)	RATED OUTPUT CURRENT / DUTY CYCLE	WELDING CURRENT RANGE (A)	WEIGHT (kg)
Magster 280	B18223-1	400	250 A / 35%	35-270	80
Magster 280 4x4	B18224-1		300 A / 35%	35-320	
Magster 330	B18225-1				
Magster 330 4x4	B18229-1				



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