

VARMIG 301-i LCD PULSE, 351-i LCD PULSE

COMPACT WELDING MACHINE WITH
EXCELLENT PULSE WELDING PERFORMANCE
FOR LIGHT INDUSTRY



MIG/MAG



ELECTRODE
WELDING



lift TIG



SETUP GUIDE FOR
WELDING PARAMETERS



POWERFUL



MULTIFUNCTIONAL



available with
SINGLE & DOUBLE
PULSE
process

| Material | Welding process | Welding wire diameter | Gas |
|-----------------|----------------------|------------------------|--------------------------------------------------|
| Steel | MIG/MAG | 0.8 - 1.0 - 1.2 | 100 % CO ₂ |
| | | 0.8 - 1.0 - 1.2 0.9 | 82 % Ar + 18 % CO ₂ flux core wire |
| Steel | Pulse / Double pulse | 0.8 - 1.0 - 1.2 | 97.5 % Ar + 2.5 % CO ₂ |
| Stainless steel | | 0.8 - 1.0 - 1.2 | 97.5 % Ar + 2.5 % CO ₂ |
| AlSi | | 1.0 - 1.2 | 100 % Ar |
| AlMg | | 1.0 - 1.2 | 100 % Ar |
| CuSi | | 0.8 - 1.0 - 1.2 | 100 % Ar |
| Steel | MMA | Ø2.5 - Ø5.0 | / |
| Stainless steel | | | |
| Steel | liftTIG | / | 100 % Ar |
| Stainless steel | | | |





ELECTRODE WELDING

- ▶▶▶▶ ADJUSTABLE HOT START
- ▶▶▶▶ ADJUSTABLE ARC FORCE
- ▶▶▶▶ ANTI STICK



The **LCD SCREEN** enables more accurate monitoring of welding settings and quick checking of parameters during welding.



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

- ▶▶▶▶ 2T OR 4T WELDING SETUP
- ▶▶▶▶ EASY ARC WIDTH ADJUSTMENT
- ▶▶▶▶ ADJUSTABLE GAS POST FLOW
- ▶▶▶▶ EASY CORRECTION OF THE WELDING VOLTAGE

| Model | VARMIG 301-i LCD PULSE | | | VARMIG 351-i LCD PULSE | | |
|-------------------------|--------------------------|--------------|------------|--------------------------|--------------|------------|
| Welding method | MIG / MAG | MMA | liftTIG | MIG / MAG | MMA | liftTIG |
| Welding current area | 50 - 300 A | 10 - 250 A | 10 - 300 A | 50 - 350 A | 10 - 300 A | 10 - 350 A |
| Duty Cycle (ED / 40 °C) | 60 % | 300 A | 250 A | 300 A | 350 A | 300 A |
| | 100 % | 232 A | 194 A | 232 A | 271 A | 232 A |
| Wire diameter (Ø) | 0.8 - 0.9 - 1.0 - 1.2 mm | / | / | 0.8 - 0.9 - 1.0 - 1.2 mm | / | / |
| Electrode Diameter (Ø) | / | 2.5 - 5.0 mm | / | / | 2.5 - 5.0 mm | / |
| Wire spool | 15kg | / | / | 15kg | / | / |
| Net weight | | 50 kg | | | 50 kg | |
| Connection voltage | 3 X 400 ± 10% V | | | 3 X 400 ± 10% V | | |

ACCESSORIES



GROUND CABLE WITH CLAMP 4 m



REDUCTION VALVE (mini Ar / CO2) + GAS PIPE 3 m



V-GROOVE WHEELS 0.8 - 1.0 and 1.0 - 1.2 ; U-GROOVE 1.0 - 1.2



OPTIONAL TORCH PAG 355 (3 or 4 m) PAG 405 (3 or 4 m) + CONSUMABLE PARTS



OPTIONAL WELDING CABLE WITH ELECTRODE HOLDER 3 m



OPTIONAL TORCH FOR liftTIG WELDING



OPTIONAL COOLING UNIT HA V-i