

weldmax



ENG

Weldmax 355i

**Synergic, Pulse, Double Pulse &
Root Welding Inverter**

Weldmax 355i



- ① Welding mode
- ③ Navigation keys (setup menu)
- ⑤ Save & recall parameters
- ② Process selection
- ④ Regulation knobs


MMA

MMA		VR
I2 [A]	HOT START	
103	20%	
ARC FORCE		
0		

TIG

TIG		NI	4T
I2 [A]	DOWN SLOPE		
350	10.0s		
Post Gas	25.0s		
V Stop	16V		

MIG MAN

MIG MAN		2T
Speed [m/min]	Voltage [V]	
250	45.0	
		
30		

MIG SYN/PULSED

MIG SYN		2T
I _o 238 A	V _o 29.1 V	
± 10.6 ^m / _{min}	± +20 %	
⌘ 393 ⁱⁿ / ₁₀₀	BALANCE	
10.0 ^{mm}	2.5 v	
AlMg5 1.2 Ar		

Key Features & Benefits

- Welding modes: MIG synergic, MIG standard, MMA & TIG. Optional upgrades include MIG pulse, MIG double pulse & MIG root.
- Welding programs for mild steel, stainless steel, aluminium & bronze wires up to 1.6 mm
- Convenient parameter selection directly on the power source
- Hotstart and Arc-Force – function for MMA (stick) welding
- Highly energy efficient – low power consumption using european inverter technology
- Robust and digitally controlled 4-roll wire feed
- All welding cable connections use standard Australian style connectors
- Gas / Gasless polarity reversal function located near drive rollers (inside wire feed cabinet)

Technical Data

The Weldmax 355i offers excellent arc characteristics & unsurpassed value, perfect for all materials and can perform difficult tasks with ease. The Weldmax 355i is the answer for those who require smooth, low spatter welding on all tasks from sheetmetal to heavy fabrications, steel and stainless manufacturing industry, automotive repairs, machinery and mechanical maintenance, project plate boat builders, race car roll frames and tubular steels.

Key features include:

- Low-spatter MIG/MAG – pulsed welding
- Microprocessor-controlled multi-process welding inverter suitable for MIG/MAG (manual, synergic or pulsed), TIG-DC (continuous or pulsed) and MMA welding.
- The large 85mm display shows all the welding parameters making setting easy and intuitive.
- In synergic MIG/MAG welding the microprocessor ensures quick and easy setting of the programs, thus always guaranteeing optimal arc stability and the highest weld quality.
- Pulse MIG welding it is unbeatable and guarantees excellent quality results on thin and thick metals.
- MIG/MAG features: DC Controlled or pulsed welding, pre-set synergic curves, program storage of your own custom weld parameters, 2T/4T spot function, pre-post gas time regulation, electronic reactance, soft start, burn-back time, hot start, slope down, crater fill.
- TIG-DC Features: Lift ARC, DC controlled or pulsed welding, 2T/4T, current frequency and current levels in TIG pulsed welding, final current, up/down slope regulation.
- MMA Features: Anti-stick capability, adjustable hot start & ARC force.

What's included in the box

- 355i Power source
- 4 Metre earth lead
- 4 Metre torch
- Gas regulator & hose
- 415V 3 phase plug
- Owners manual
- Optional water cooler and torch upgrade
- Optional push/pull torch
- Optional carriage / trolley unit
- Optional upgrade software
 - Pulse welding software
 - Double pulse welding software
 - Pulse & MIG root welding software
 - Root welding software
 - Pulse, double pulse & root welding software

355i Opt Pulse & Root

Technical Data



355i Opt Pulse & Root

	3 phase	400V 50/60Hz		
Power 60%	KVA	18		
		MMA	TIG	MIG/MAG
Uo	A	60A	12A	60A
Amp. Min -	A	10A – 350A	5A - 350A	30A – 350A
Amp. 60974-1	A	50% 350A 100% 280A	50% 350A 100% 280A	50% 350A 100% 280A
Aluminium	∅ mm	-	-	0.8 – 1.6
Steel	∅ mm	-	-	0.8 – 1.6
Flux core	∅ mm	-	-	0.8 – 1.6
Stainless Steel	∅ mm	-	-	0.8 – 1.6
∅ Electrode	∅ mm	1.6 - 6	-	-
Electrode type		6011 - 6013 - 7018		
Insulation	-	H		
Protec. Degree	-	IP23S		
(LxWxH)	mm	1010x510x1070		

Accessories

Weldmax has a range of accessories to make your welding tasks more efficient.

Torches



Gas cooled torches



Water cooled torches



Trolley



Eurotig 26
4m 50mm²

Torches



Electrode holder
50mm² 5m

Cooler Units



Cooler unit
For WEMS355I

Cooling Liquid



Torch Coolant 5ltr

Others



Drive Rollers
For:
Alu Welding
Steel wires
Stainless wires

UPGRADE MODULES



Single pulse
module



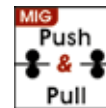
Single/double
pulse module



Root welding
module



Single/double
pulse version +
Rootwelding
module



Spool-gun
and Push pull
interface



2x
PULSED



2x
PULSED



Spool-Gun
ready



Root
Welding





125VP



150VP



162T



204T DC



221 AC/DC



180



185



220i



225C



225DP



250i



355



380i



500i

weldmax

