



# **Smarter**

INVERTERS

**SIMBA**

**SIMBA GENERAL MERCHANTS LTD**

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## 125 AMP DC INVERTER WELDER EVO 150

### FEATURES:

- USES ADVANCED IGBT TECHNOLOGY
- AIR-COOLED BY 24V DC FAN
- MACHINE IS PURPOSELY BUILT TO BE LIGHT WEIGHT & PORTABLE FOR EASY ACCESS TO THOSE "HARD TO REACH" PLACES
- MACHINE HAS A HIGH ARC FORCE FOR EASY STRIKING & RE-STRIKING OF ELECTRODES
- CONVENIENT CARRY STRAP
- MACHINE NOT SUITABLE FOR TIG WELDING
- POCKET POWER, ONLY WEIGHS 2.5Kg

### ACCESSORIES:

- WELDING CABLE SET



PACKAGING	COLOUR CARTON
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PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
S-EVO-150	20-125A	220V +- 10%	60% @ 125A	20A	70V	50/60HZ	2,5Kg

## 200 AMP DC INVERTER WELDER EVO 220

### FEATURES:

- USES ADVANCED IGBT TECHNOLOGY
- AIR-COOLED BY 24V DC FAN
- MACHINE IS PURPOSELY BUILT TO BE LIGHT WEIGHT & PORTABLE FOR EASY ACCESS TO THOSE "HARD TO REACH" PLACES
- MACHINE HAS A HIGH ARC FORCE FOR EASY STRIKING & RE-STRIKING OF ELECTRODES
- CONVENIENT CARRY STRAP
- MACHINE NOT SUITABLE FOR TIG WELDING
- POCKET POWER, ONLY WEIGHS 3.5 Kg

### ACCESSORIES:

- WELDING CABLE SET



PACKAGING	COLOUR CARTON
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PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
S-EVO-220	20-200A	220V +-10%	60% @ 200A	36A	62V	50/60HZ	3,5Kg

## 140 AMP MMA DC INVERTER

### FEATURES:

- MMA / SCRATCH TIG
- AIR-COOLED
- HOT START / ARC FORCE
- TEMPERATURE & OVER-CURRENT THERMOSTATIC CONTROL
- ADVANCED IGBT INVERTER TECHNOLOGY
- CONVENIENT CARRY STRAP & HANDLE

### ACCESSORIES:

- WELDING CABLE SET



PACKAGING		COLOUR CARTON					
PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
S-MMA-140	10-140A	220V +/- 10%	60% @ 140A	25.5A	78V	50/60HZ	7,1Kg

## 200 AMP MMA DC INVERTER

### FEATURES:

- LIFT TIG / MMA WITH VRD
- DIGITAL DISPLAY
- AIR-COOLED
- HOT START / ARC FORCE
- TEMPERATURE & OVER-CURRENT THERMOSTATIC CONTROL
- LARGE PANEL MOUNT CONNECTORS ALLOW FOR BETTER CURRENT TRANSFER

### ACCESSORIES:

- WELDING CABLE SET



PACKAGING		COLOUR CARTON					
PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
S-MMA-210	10-200A	220V +/-10%	60% @ 200A	38A	60V	50/60HZ	9Kg



## 180 AMP MULTI-PROCESS DC WELDER

### FEATURES:

- MIG / MMA / SCRATCH TIG
- AIR-COOLED
- TEMPERATURE & OVER-CURRENT THERMOSTATIC CONTROL
- COMPACT
- FLUX CORED WELDING
- AUTOMATIC WIRE FEEDING
- GAS SHIELDED ARC WELDING

### ACCESSORIES:

- MIG TORCH
- WELDING CABLE SET



PACKAGING		COLOUR CARTON						
PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	WIRE REEL SIZE	NETT WEIGHT
S-INMIG-185	MIG - 30-180A STICK - 30-160A	220V +-10 %	30% @ 180A	28A	72V	50/60HZ	5Kg REEL	20Kg

## 230 AMP 220V MULTI-PROCESS WELDER

### FEATURES:

- MIG / MAG / MMA
- AIR-COOLED
- HOT START / ARC FORCE
- TEMPERATURE & OVER-CURRENT THERMOSTATIC CONTROL
- DIGITAL DISPLAY
- LARGE PANEL MOUNT CONNECTORS ALLOW FOR BETTER CURRENT TRANSFER
- INCHING BUTTON

- COMPACT
- INDUCTANCE MANIPULATION

### ACCESSORIES:

- MIG TORCH
- WELDING CABLE SET
- FLOW METER



PACKAGING		COLOUR CARTON						
PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	WIRE REEL SIZE	NETT WEIGHT
S-STARMIG-255	35-230A	220V +-10 %	60% @ 230A	48A	55V	50/60HZ	5KG REEL 15KG REEL	31,8Kg

## 315 AMP DC 380V MMA WELDER

### FEATURES:

- MMA / SCRATCH TIG
- AIR-COOLED
- ADJUSTABLE ARC FORCE
- TEMPERATURE & OVER-CURRENT THERMOSTATIC CONTROL
- DIGITAL DISPLAY FOR ACCURATE AMPERAGE SETTINGS
- LARGE PANEL MOUNT CONNECTORS ALLOW FOR BETTER CURRENT TRANSFER

### ACCESSORIES:

- WELDING CABLE SET



PACKAGING		COLOUR CARTON					
PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
S-S-ARC315	20-315A	380V +-10 %	60% @ 315A	19A	60V	50/60HZ	14,7Kg

## MAX 10 / MAX 20

### FEATURES:

- SINGLE PHASE PORTABLE BATTERY CHARGER
- COMPACT, PORTABLE & HIGHLY EFFECTIVE
- USED FOR CHARGING LEAD ACID BATTERIES
- VOLTAGE PROTECTED AGAINST OVERLOADS & POLARITY REVERSAL
- EQUIPPED WITH AMP METER

### ACCESSORIES:

- CABLE & CLAMPS

<b>PACKAGING</b>	COLOUR CARTON
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PART NUMBER	INPUT POWER VOLTAGE	INPUT CURRENCY	CHARGE VOLTAGE	FREQUENCY	NETT WEIGHT
S-MAX-10	220V +- 10%	6A	12V	50/60Hz	4,8Kg
S-MAX-20	220V +- 10%	12A	12/24V	50/60Hz	7,2Kg



## CHARGER 8000

### FEATURES:

- PREVENT SHORT CIRCUIT FUNCTION
- PREVENT TRANSPOSITION FUNCTION
- AUTOMATIC RECOGNITION OF 12V/24V BATTERY
- CHARGER IS PROTECTED AGAINST OVER LOAD, SHORT CIRCUIT & POLARITY BY MEANS OF INTERNAL ELECTRONIC SAFEGUARDS

### ACCESSORIES:

- CABLE & CLAMPS

<b>PACKAGING</b>	COLOUR CARTON
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PART NUMBER	INPUT VOLTAGE	RATED WORKING CAPACITY	FREQUENCY	RATE CHARGING CURRENT	CHARGE VOLTAGE	MAX/MIN AH	FUSE	NETT WEIGHT
S-B-CHARGE8000	220-240V	110W	50/60Hz	2A/4A/8A	12/24V	8Ah-120Ah	1.5A	1,2Kg



## TRICKLE BATTERY CHARGER

### FEATURES:

- FOR 12V LEAD ACID BATTERIES
- CHARGES FULLY DRAINED BATTERIES UP TO 60AH / 100AH ON ITEMS INCLUDING LAWN MOWERS, MOTORCYCLES, CARS, TRUCKS, BOATS ETC.
- MAINTENANCE PLUS: KEEPS BATTERY FULLY CHARGED WITHOUT OVER-CHARGING
- SAFE: PROTECTS AGAINST REVERSE POLARITY, SPARKS, OVER-CHARGING & OVER CURRENT
- ENERGY SAVING: MINIMIZES ENERGY CONSUMPTION WHEN FULL POWER IS NOT NEEDED
- MEMORY: RETURNS TO LAST SELECTED MODE WHEN RE-STARTED
- INTERACTIVE: ALTERS THE CHARGING PROCESS BASED ON THE ORGANIC BATTERY FEEDBACK

### ACCESSORIES:

- CABLE & CLAMPS

<b>PACKAGING</b>	COLOUR CARTON
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PART NUMBER	SPECIFICATION	RATED AC INPUT VOLTAGE	CHARGING VOLTAGE	CHARGING CURRENT	AC INPUT CURRENT	CHARGER TYPE	BATTERY TYPE	BATTERY CAPACITY	INSULATION CLASS
CT-2000	12V/2A	AC 220-240V	12V	MAX 2.0A	MAX 0.4Arms	8 STEPS – FULL-AUTOMATIC CHARGING CYCLE	12V LEAD-ACID BATTERY	4-60AH - MAINTENANCE CHARGE TO 120AH	IP65
CT-3800	12V/3.8A	AC 220-240V 50-60 Hz		MAX 4.0A	MAX 0.45Arms			6-100AH - MAINTENANCE CHARGE TO 160AH	



## 200 AMP DC MMA INVERTER WITH PFC & LIFT TIG

### FEATURES:

- VRD ALWAYS ON - ALWAYS SAFE
- MACHINE CAN HANDLE VOLTAGE FLUCTUATIONS FROM AS LOW AS 98V TO AS HIGH AS 265V
- NON-STICK DUE TO INTELLIGENT TECHNOLOGY
- ARC FORCE ADJUSTMENT FOR SPECIALISED ELECTRODES
- LIFT TIG TO FACILITATE ARC IGNITION
- DIGITAL DISPLAY FOR ACCURATE SETTINGS
- COMES WITH HANDLE & SHOULDER STRAP

### ACCESSORIES:

- WELDING CABLE SET



PACKAGING		COLOUR CARTON						
PART NUMBER		OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
SIT-ARC-200M	TIG	10-200A	230V	25% @ 200A	35A	71V	50/60HZ	9,5Kg
	MMA	10-200A	230V	25% @ 200A	32A	71V	50/60HZ	9,5Kg

## 200 AMP AC/DC TIG WELDER

### FEATURES:

- AC/DC, HF TIG & MMA WELDING
- 2T & 4T TORCH FUNCTION
- DIGITAL DISPLAY
- SMOOTH & STABLE WELDING PERFORMANCE, HOT START, ARC FORCE
- FAN COOLED
- FOR WELDING OF FERROUS & NON-FERROUS METALS
- MCU CONTROL FOR EASY & ACCURATE PARAMETER ADJUSTMENTS

### ACCESSORIES:

- EARTH CABLE
- TIG TORCH



PACKAGING		COLOUR CARTON						
PART NUMBER		OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
SIT-TIG-200P	TIG	10-200A	220V	25% @ 200A 60% @ 125A 100% @ 100A	35.4A	66V	50/60HZ	20,5Kg
	MMA	10-200A	220V	25% @ 200A 60% @ 110A 100% @ 80A	39.5A	66V	50/60HZ	20,5Kg



## 250 AMP 380V COMPACT LIGHT INDUSTRIAL TRANSFORMER MIG WELDER

### FEATURES:

- MIG/MAG/CO<sup>2</sup> WELDING
- SOFT START
- 2T & 4T TORCH FUNCTION
- SPOT TIME FUNCTION (0.5 - 10 SECONDS)
- ADJUSTABLE BURN BACK
- WIRE INCHING
- INDUCTANCE SELECTION
- 2 ROLLER DRIVE
- OVER HEATING PROTECTION

### ACCESSORIES:

- MIG TORCH
- EARTH CLAMP & CABLE
- FLOW METER



PACKAGING	CRATE						
PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	WIRE DIAMETER (mm)	NETT WEIGHT
SIT-MIG-250	25-250A	380V +/- 5%	40% @ 250A	14A	17-37V	0.8-1.0	85Kg

## 350 AMP 380V COMPACT LIGHT INDUSTRIAL TRANSFORMER MIG WELDER

### FEATURES:

- MIG/MAG/CO<sup>2</sup> WELDING
- SOFT START
- 2T & 4T TORCH FUNCTION
- SPOT TIME FUNCTION (0.5 - 10 SECONDS)
- ADJUSTABLE BURN BACK
- WIRE INCHING
- INDUCTANCE SELECTION
- 4 ROLLER DRIVE
- OVER HEATING PROTECTION

### ACCESSORIES:

- MIG TORCH
- EARTH CLAMP & CABLE
- FLOW METER



PACKAGING	CRATE						
PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	WIRE DIAMETER (mm)	NETT WEIGHT
SIT-MIG-350	35-350A	380V +/- 5%	50% @ 350A	23A	17-41V	0.8-1.2	108Kg



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## CO<sup>2</sup> WELDER 250 AMP 220V

### FEATURES:

- THIS UNIT IS FOR COMMERCIAL AS WELL AS LIGHT INDUSTRIAL USE
- SOFT START
- BURN BACK
- 2T & 4T TORCH FUNCTION
- 10 METER INTER-CONNECTING CABLE
- SEPERATE WIRE FEEDER ON WHEELS
- INTELLIGENT COOLING

### ACCESSORIES:

- MIG TORCH
- EARTH CLAMP & CABLE



PACKAGING	BOXED	
PART NUMBER	JW-MIG-250	
WELDING RANGE	A/V	35-250 / 15.5-26
NO LOAD VOLTAGE (MAX)	V	35
VOLTAGE ADJUSTMENT	STEPS	12
DUTY CYCLE AT 250A RATED @ 40°	%	35
WELDNG CURRENT AT 100% DUTY CYCLE	A	140
MAINS VOLTAGE	V	1-230
MAINS FREQUENCY	Hz	50/60
MAINS FUSE	tr/C	30
MAINS CURRENT INPUT (MAX)	A	34
INPUT POWER (MAX)	kVA	9
POWER FACTOR	cos Ø	0.85/250 A
COOLING METHOD		AIR COOLED
INSULATION CLASS		F
PROTECTION CLASS (IEC 529)		IP 23
DIMENSIONS (LxWxH)	mm	870x390x610
STANDARD		EN 60974-1

MADE IN HOLLAND



## CHOPPER 500 AMP INDUSTRIAL CC/CV

### FEATURES:

- PROGRAMMABLE
- 2T & 4T TORCH FUNCTION
- LED DISPLAY
- 3 STEP VARIABLE AMPERAGE (CONTINUOUS SELECTION)
- MMA
- SPOT WELDING
- INDUCTANCE MANIPULATION
- VOLTAGE CORRECTION
- BURN BACK
- PRE GAS/ POST GAS
- LOCK FUNCTION
- INTELLIGENT COOLING
- 4 ROLLER DRIVE
- WIRE INCHING FUNCTION

### ACCESSORIES:

- MIG TORCH
- EARTH CLAMP & CABLE



PACKAGING	BOXED	
PART NUMBER	JW-CH-500	
<b>WELDING</b>		
WELDING RANGE (‘2min - ‘2max / “2min - “2max)	A/V	35-500/15-39
NO LOAD VOLTAGE	V	60
VOLTAGE ADJUSTMENT		Continuously Variable
SLOPE CHARACTERISTIC		Constant
DUTY CYCLE 100% 40°C	A	390
DUTY CYCLE 60% 40°C	A	500
WIRE-FEED SPEED	m/min	0.1-25
<b>MAINS</b>		
MAINS VOLTAGE 3~ (50/60Hz)	V	400
MAINS VOLTAGE TOLERANCE RANGE	%	± 15
INPUT POWER S1 (100%/40°C)	Kva	18.6
INPUT POWER S1 (60%/40°C)	Kva	20.8
CURRENT INPUT I1 (100%/40°C)	A	26.9
CURRENT INPUT I1 (60%/40°C)	A	30
POWER FACTOR (AT ‘2max)	cos	0.92
MAINS FUSE	A/tr	32
MAINS CABLE	mm²	4 x 4
MAINS PLUG		CEE32
<b>MACHINE</b>		
PROTECTION CLASS (EN 60 529)		IP23
INSULATION CLASS		F
<b>STANDARD EQUIPMENT</b>		
WIRE FEED UNIT	ROLLERS	4
<b>DIMENSIONS / WEIGHT</b>		
DIMENSION POWER SOURCE (LxWxH)	cm	105x48x97
SIZE OF WIRE FEED CASE (LxWxH)	cm	45x28x35
WEIGHT OF POWER SOURCE	kg	125
WEIGHT OF WIRE FEED CASE	kg	23

MADE IN HOLLAND



## MIG-600A INDUSTRIAL BUILT-IN WATER COOLER

### FEATURES:

- FOR INDUSTRIAL USE
- LED DISPLAY
- SEPARATE WIRE FEEDER (10 METER INTER-CONNECTING CABLE)
- BUILT-IN WATER COOLER
- 2T & 4T TORCH FUNCTION
- SOFT START
- BURN BACK
- WIRE FEEDER ON WHEELS
- INTELLIGENT COOLING
- 4 ROLLER DRIVE
- WIRE INCHING FUNCTION

### ACCESSORIES:

- MIG TORCH
- EARTH CLAMP & CABLE
- ELECTRODE HOLDER & CABLE
- FLOW METER



PACKAGING	BOXED	
PART NUMBER	JW-MIG-600	
WELDING RANGE	A/V	50-600/16-39
NO LOAD VOLTAGE (MAX)	V	56
VOLTAGE ADJUSTMENT	STEPS	50
DUTY CYCLE AT 600A RATED @ 40°C	%	60
WELDNG CURRENT AT 100% DUTY CYCLE	A	464
WELDABLE WIRE STEEL	mm Ø	1.0-2.4
WELDABE WIRE ALUMINIUM	mm Ø	1.0-1.2
WIRE-FEED SPEED	m/min	1-25
MAINS VOLTAGE	V	3-400
MAINS FREQUENCY	Hz	50/60
MAINS FUSE	tr/C	63
MAINS CURRENT INPUT (MAX)	A	52
INPUT POWER (MAX)	kVA	33
POWER FACTOR	cos Ø	0.89/600 A
COOLING METHOD		F
INSULATION CLASS		F
PROTECTION CLASS (IEC 529)		IP 23
DIMENSIONS (LxWxH)	mm	870x390x610
STANDARD		EN 60974-1

MADE IN HOLLAND





# JAVWELD

PROFESSIONAL WELDING PRODUCTS

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## 200 AMP AC/DC PFC TIG INVERTER 220V

### FEATURES:

- POWER FACTOR CONTROL ALLOWS FOR 70 TO 80 METER EXTENSIONS
- AUTO PROTECTION-VOLTAGE SPIKES UP TO 270V
- AUTO PROTECTION-VOLTAGE DROPS DOWN TO 90V
- 3 DIFFERENT WAVE LENGTHS: SQUARE WAVE/SINE WAVE & TRIANGULAR WAVE
- FOOT REMOTE & WIRELESS FOOT REMOTE UP TO 60 METERS
- PULSE/AC FREQUENCY & ALU. CLEANING ACTION
- 2T & 4T TORCH FUNCTION
- DC & AC MMA FUNCTION
- HOT START, ARC FORCE ADJUSTMENTS
- MCU CONTROL FOR EASY & ACCURATE PARAMETER ADJUSTMENTS

### ACCESSORIES:

- EARTH CABLE & CLAMP
- WIRELESS FOOT REMOTE
- TIG TORCH



PACKAGING		COLOUR CARTON						
PART NUMBER		OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
JW-TIG-200	TIG	5-200A AC/DC	220V	60% @ 200A	20A	67V	50HZ	14,5Kg

## 200 AMP HF/PULSE TIG INVERTER 220V

### FEATURES:

- ADVANCED PULSE WIDTH MODULATION & EFFICIENT MCU CONTROL FOR EASY & ACCURATE PARAMETER ADJUSTMENTS
- 2T & 4T TORCH FUNCTION
- FOOT CONTROL CAPABILITY
- DIGITAL CONTROL & DISPLAY
- ADJUSTABLE HOT START
- ADJUSTABLE ARC FORCE - PREVENTION OF ELLECTRODE STICKING
- INTELLIGENT SELF PROTECTION AGAINST OVER CURRENT & OVER VOLTAGE.

### ACCESSORIES:

- EARTH CABLE & CLAMP
- TIG TORCH



PACKAGING		COLOUR CARTON						
PART NUMBER		OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
JW-TIG-200-P	TIG	5-200A	220V	60% @ 200A	26A	67V	50/60HZ	7,6Kg
	MMA	5-200A	220V	60% @ 200A	40A	67V	50/60HZ	7,6Kg

## 350 AMP AC/DC TIG INVERTER 380V (INDUSTRIAL)

### FEATURES:

- EFFICIENT MCU CONTROL
- 2T & 4T TORCH FUNCTION
- MMA DC OR AC CURRENT ACCORDING TO WELDING SPECIFICATIONS
- DIGITAL DISPLAY - ACCURATE & FINE ADJUSTMENT TO AMPERAGE & OTHER TIG FUNCTIONS
- FOOT CONTROL - QUICK AMPERAGE ADJUSTMENT
- ADJUSTABLE HOT START - THERMAL ARC STARTING
- ADJUSTABLE ARC FORCE - PREVENTION OF ELECTRODE STICKING
- INTELLIGENT PROTECTION AGAINST OVER CURRENT & OVER VOLTAGE
- FULL PULSE WIDTH MODULATIONS ON AC OR DC

- IDEAL FOR THE WELDING OF ALUMINIUM, MANGANESE, TITANIUM, STAINLESS STEEL ETC.

### ACCESSORIES:

- EARTH CABLE & CLAMP
- FOOT CONTROL
- 4 METER TIG TORCH



PACKAGING		COLOUR CARTON						
PART NUMBER		OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
JW-TIG-350	TIG	10-350A AC	380V	50% @ 350A	35A	76V	50/60HZ	44Kg
	TIG	10-350A AC	380V	100% @ 260A	32A	76V	50/60HZ	
	TIG	5-350A DC	380V	50% @ 350A	35A	76V	50/60HZ	
	TIG	5-350A DC	380V	100% @ 280A	35A	76V	50/60HZ	

## 500 AMP DC/MMA & LIFT TIG INVERTER WELDER 380V

### FEATURES:

- ADJUSTABLE HOT START
- ADJUSTABLE ARC FORCE - PREVENTION OF ELECTRODE STICKING
- DIGITAL DISPLAY - ACCURATE & FINE ADJUSTMENT TO AMPERAGE
- ADVANCED IGBT'S - FOR A CRISPER ARC & BETTER WELDING PERFORMANCE
- OVER CURRENT & OVER TEMPERATURE INDICATORS
- ON WHEELS
- HIGH DUTY CYCLE FOR INDUSTRIAL USE

### ACCESSORIES:

- WELDING CABLE SET



PACKAGING		BOXED						
PART NUMBER		OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUIT VOLTAGE (OCV)	FREQUENCY	NETT WEIGHT
JW-ARC-500	MMA	30-500A	380V	60% @ 500A 100% @ 387A	45A	80V	50HZ	67Kg



## MIG-350 380V

### FEATURES:

- SEPARATE WIRE FEEDER (8 METER INTER-CONNECTING CABLE)
- STITCH WELDING & SPOT WELDING
- STEP TRANSFORMER
- 4 ROLLER DRIVE
- LED DISPLAY

### ACCESSORIES:

- MIG TORCH
- EARTH CABLE & CLAMP
- FLOW METER



PACKAGING		BOXED					
PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUTE VOLTAGE (OCV)	WIRE DIAMETER (MM)	NETT WEIGHT
JW-MIG-350	60-350A	380v +- 5%	60% @ 350A	23A	40V	0.9-1.2	126Kg

## MIG-500 380V

### FEATURES:

- SEPARATE WIRE FEEDER (8 METER INTER-CONNECTING CABLE)
- STITCH WELDING & SPOT WELDING
- STEP TRANSFORMER
- 4 ROLLER DRIVE
- LED DISPLAY

### ACCESSORIES:

- MIG TORCH
- EARTH CABLE & CLAMP
- FLOW METER



PACKAGING		BOXED					
PART NUMBER	OUTPUT CURRENT RANGE	INPUT POWER VOLTAGE	RATED DUTY CYCLE @ 40° C	IMAX	OPEN CIRCUTE VOLTAGE (OCV)	WIRE DIAMETER (MM)	NETT WEIGHT
JW-MIG-500	80-500A	380v +- 15%	60% @ 500A 80% @ 432A 100% @ 387A	41A	51V	1.2-1.6	149 Kg

## DELTA MIG-650A INDUSTRIAL CC/CV

### FEATURES:

- ADVANCED IGBT INVERTER TECHNOLOGY
- ENHANCED WELDING EFFICIENCY & ENERGY SAVING EFFECT
- SEPARATE WIRE FEEDER (10 METER INTER-CONNECTING CABLE)
- LED DISPLAY
- MMA
- INDUCTANCE MANIPULATION

### LEADING CONTROL MODE:

- CLOSED LOOP FEEDBACK CONTROL, CONSTANT VOLTAGE OUTPUT, FIT FOR WIDE VOLTAGE RANGE ( $\pm 15\%$ )
- ADJUSTABLE WELDING VOLTAGE, PRECISELY MATCHING THE WELDING CURRENT, EXCELLENT WELDING CHARACTERISTICS.
- UNIQUE WELDING DYNAMIC CHARACTERISTIC CONTROL CIRCUIT, STABLE WELDING ARC, LITTLE SPLASH, BEAUTIFUL SHAPING, HIGH WELDING EFFICIENCY.
- AUTO-MAINTAINING/-STOPPING ARC OPERATION MODE AVAILABLE, BE ABLE TO MEET VARIOUS WELDING REQUIREMENTS.
- FUNCTION OF REMOVING THE MOLTEN BALL AFTER WELDING AVAILABLE, HIGH NO-LOAD, SLOW WIRE FEEDING, HIGH SUCCESSFUL RATE OF ARC STARTING.
- CO<sub>2</sub> WELDING & MAG WELDING AVAILABLE.
- 2T & 4T TORCH FUNCTION

### ACCESSORIES:

- MIG TORCH
- EARTH CABLE & CLAMP
- ELECTRODE HOLDER & CABLE
- FLOW METER



PACKAGING	BOXED
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PART NUMBER	MIG-650	MIG-650DV (DUAL-VOLTAGE)
INPUT VOLTAGE(V)	3~380V $\pm 15\%$	3~380/525V $\pm 15\%$
RATED INPUT CURRENT (A)	55	62
RATED POWER SUPPLY CAPACITY (KVA)	37	55
RECOMMENDED FUSE CAPACITY (A)	60	
WELDING CURRENT ADJUSTMENT RANGE (A)	60~650	60~650
WELDING VOLTAGE ADJUSTMENT RANGE (V)	17~50	17~50
NO-LOAD VOLTAGE (V)	75	75
FEED SPEED ADJUSTMENT RANGE (M/MIN)	1.5~16	1.5~16
WELDING WIRE DIAMETER APPLICABLE (mm)	1.0/1.2/1.6	1.0/1.2/1.6
RATED DUTY CYCLE	80%	80%
EFFICIENCY (%)	89	89
POWER FACTOR	0.95	0.95
PROTECTION CLASS	IP23	IP23
INSULATION CLASS	F	F
SIZE (mm)	780×390×640	780×390×640
WEIGHT (Kg)	69	70