

DC MMA Inverter Series



ARC - 200

ARC - 220

ARC - 270D



ARC - 400

ARC - 400HD

ARC - 500



ARC - 600

RILAND

**THE WELDING EXPERTS
YOU CAN TRUST**

Salient features

- ▲ Protection against under voltage, over voltage and over current, it makes the machine safe & reliable.
- ▲ Wide range from 180 Volt to 260 Volt for single phase and 350 Volt to 480 Volt for three phase.
- ▲ VRD as standard features OCV reduced to 17V_{dc} lowest in the segment.
- ▲ Generator friendly.
- ▲ Suitable for acidic, basic and cellulosic electrodes.



Main Technical Parameters :	ARC - 200	ARC - 220	ARC - 270D	ARC - 400	ARC - 400 HD	ARC - 500	ARC - 600
Rates input Voltage (V)	AC 220±15%	Ac220±15%	AC 220 ± 15% 415*2P ± 15%	415*3P±15%	415*3P ± 15%	415*3P ± 15%	415*3P ± 15%
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Rated input capacity (KVA)	5.83	7.24	9.24	18.2	18.2	23.8	23.2
Rated input current (A)	26.5	33	42	25.3	25.3	33.1	32.3
Welding output voltage (V)	54	58	70V	71	71	74	75
Current adjusting range (A)	30-200	30-220	30-270	40-400A	40-400A	40-500A	45-600A
Efficiency (%)	85%	85%	85%	85%	85%	85%	87%
Insulation	F	F	F	H	F	F	H
Case protection degree	IP21	IP 21	IP21	IP 21	IP 21	IP 21	IP 21
Overall dimensions (mm)	204 x 87 x 146	295x 130x 235	345 x 153 x 285	457 x 203 x 330	482 x 241x 381	520x 267x 419	520x 267x 419
Weight (kg)	2	3.7	5.5	13	13.5	24.5	25
Suitable electrode rod (mm)	1.6/2.5	1.6/2.5/3.2	1.6/2.5/3.2/4.0	1.6/2.5/3.2/4.0	1.6/2.5/3.2/4.0	1.6/2.5/3.2/4.0	1.6/2.5/3.2/4.0
Warranty**	1	1	1	1	2	2	2

Stellaris Specialities India Ltd.
(Division : StarBlaze India)

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**Terms & Conditions

Customer Care: (Welding Machine)

+ 91-8448217286

MIG/ MAG Inverter Series



RILAND

**THE WELDING EXPERTS
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Salient features

- ▲ Protection against under voltage, over voltage and over current, it makes the machine safe and reliable.
- ▲ Electronic choke adjustment for better arc control.
- ▲ Multi process GMAW, FCAW, MMAW & Lift TIG.
- ▲ Generator friendly.
- ▲ Suitable for Gasless welding.



Main Technical Parameters :	MIG 135E	MIG 250F	MIG 400	MIG 500	MIG 500 HD
Rates input Voltage (V)	230*1P ± 15%	415*3P ± 15%	415*3P ± 15%	415*3P ± 15%	415*3P ± 15%
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Rated input capacity ((KVA)	3.1	9.2	15.2	22.8	16
Rated input current (A)	13.4	12.8	21	32	22.2
Welding output voltage (V)	55	61	66	61	76
No load loss (W)	100	120	120	190	120
Current adjusting range (A)	32-120	40-250	60-400	60-500	62-500
Voltage adjusting range (V)	----	16-27	17-34	17-39	17-39
Efficiency (%)	85%	85%	85%	85%	85%
Insulation	F	F	H	F	H
Case protection degree	IP21	IP21	IP21	IP21	IP21S
Overall dimensions (mm)	280x156x180	466 x 212 x 371	508 x 244 x 423	526 x 272 x 468	550 x 280 x 545
Weight (kg)	3.1	16	24	30	36
Warranty	1	2	2	2	2

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TIG Inverter Series



TIG 250



TIG 250P AC/DC



TIG 400



TIG 315P AC/DC

RILAND

**THE WELDING EXPERTS
YOU CAN TRUST**

Salient features

- ▲ Protection against under voltage, over voltage and over current, it makes the machine safe and reliable.
- ▲ Dual functions HF TIG and MMA.
- ▲ Adopt new techniques that maximize thermal dissipation with 4 separated heat sinks.
- ▲ Auto-Adaptive arc force and hot start current under MMA function.
- ▲ Pass the high voltage 3750V AC dielectric strength test, safe for welders.
- ▲ Generator friendly.



Main Technical Parameters :	TIG 250	TIG 250P AC/DC	TIG 315P AC/DC	TIG 400
Rates input Voltage (V)	220*1P ± 15%	220*1P ± 15%	415*3P ± 15%	415*3P ± 15%
Frequency (Hz)	50/60	50/60	50/60	50/60
Rated input capacity ((KVA)	7.81	8.03	12.36	17.4
Rated input current (A)	35.5	36.5	17.2	24.3
Welding output voltage (V)	64	62	62	65
Current adjusting range (A)	10-250	10-250	12-300	10-400
Efficiency (%)	85%	85%	85%	85%
Insulation	F	F	F	F
Case protection degree	IP21S	IP21	IP21	IP21
Overall dimensions (mm)	402 x 160 x 300	476 x 340 x 402	609 x 332 x 622	508 x 244 x 423
Weight (kg)	7.5	18.5	36	25
Warranty**	1	2	2	2

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Plasma Cutting



SAW Welding Machine

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Main Technical Parameters :	CUT 100
Rates input Voltage (V)	415*3P ± 15%
Frequency (Hz)	50/60
Rated input capacity ((KVA)	21.0
Rated input current (A)	15.0
Welding output Current (A)	20-100
Welding output voltage(V)	328
Efficiency (%)	85%
Power factor	>0.93
Insulation	H
Case protection degree	IP21
Overall dimensions (mm)	526 x 272 x 468
Weight (kg)	25.6



Cut 100 (Plasma Cutting Machine)

Salient features

- ▲ The advanced IGBT inverter technology.
- ▲ Current and post flow time adjustable, enrich controlling ways of welding shape.
- ▲ Compressed air pressure display on the panel.
- ▲ Standard signal output socket for CNC on the back panel.
- ▲ Generator friendly.

SAW 1250 HD

(SAW Welding Machines)

Salient features

- ▲ The advanced IGBT inverter technology.
- ▲ Generator friendly.
- ▲ 100% duty cycle at 1250A.
- ▲ Analog keys and rotary knobs for convenient operation.
- ▲ Intelligent energy-saving mode as the machine stop working for more than 5 minutes.
- ▲ Unique control circuit to balance two side's output current and voltage.
- ▲ Startup protection circuit in case of inrush current.

Main Technical Parameters :	SAW 1250HD
Rates input Voltage (V)	415*3P ± 15%
Frequency (Hz)	50/60
Rated input capacity ((KVA)	63.01
Rated input current (A)	82.6
Welding output voltage (V)	92
No load loss (W)	200
Current adjusting range (A)	250-1250
Voltage adjusting range (V)	20-44
Efficiency (%)	85%
Insulation	F
Case protection degree	IP23
Overall dimensions (mm)	825 x 451 x 1040
Weight (kg)	123.4

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