

APT



2024

WELDING MACHINES CATALOGUE





The Name You Can Trust

APT International

About:

With Decades of experience, APT International is a global emerging brand that is determined to lead, with solid experience in Product development, manufacturing, distributing, selling, and servicing world class products. We aspire to become a global brand that is trusted by our customers for our tools, accessories, and equipment.

Believing that to build a great tool you need great materials is the driver of our manufacturing process, and for that we source the absolute best raw materials and components to build the most powerful and efficient tool for our customers to rely on.

We put our customers at the heart of everything we do, and we make sure that our wide range of products is available for them in every market we enter through a strong network of central distribution centers, local distributors, and retailers. Complemented with a vast network of service centers equipped with highly qualified technicians delivering a world class customer service quality to ensure our customers complete satisfaction.

Our Values:

Reliability: Our tools are built to last, for our customers to trust that they will consistently deliver the same quality every time.

Quality: We have a passionate commitment to providing high quality tools that exceed our customers' expectations.

Value for Money: Our advanced production capabilities enable us to offer our customers an unmatched combination of reliability, quality & price.

Innovation: We continuously strive to bring innovative solutions, for our customers to have the tools they need to get the job done.

Customer Focus: Our customers are at the heart of everything we do, we listen to their needs and work to deliver what they desire.

BX1

MMA AC WELDING MACHINE

- with an internal support structure preventing internal parts damage if impacted
- Cooling with a big fan along with several openings for better cooling
- Incorporated wheels for easier mobility
- Excellent welding characteristics For welding of low-carbon or low-alloy steels
- Suitable for industry and construction fields



TECHNICAL DATA

Model	BX250-1	BX315-1	BX400-1	BX500-1	BX630-1
Main Voltage(AC)V	220/380	220/380	220/380	220/380	220/380
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
Input Capacity (KVA)	16	21	30	40	51
No Load Voltage(V)	58	60	70	72	78
Welding Current (A)	50-250	60-315	80-400	100-500	125-630
Duty Cycle (%)	35	35	35	35	35
Electrode(mm)	2-5	2-6	2.5-7	3.2-8	3.2-10
Insulation Class	F	F	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S	IP21S	IP21S
Dimension(mm)	560×415×650	590×720×455	590×720×455	490×640×750	490×640×750
Weight (Kg)	60	68	78	84	92



ZXE1

MMA AC/DC WELDING MACHINE

- with an internal support structure preventing internal parts damage if impacted
- Cooling with two fans (one for the windings and one for the rectifier) along with several openings for better cooling
- Incorporated wheels for easier mobility
- Movable iron core for AC welding along with a rectifier for DC welding
- Stepless current adjustment during both AC and DC applications
- High quality copper windings and bars for both torch and ground connections.
- Widely used, welding for soft steel and low-alloy steel



TECHNICAL DATA

Model	ZXE1-250	ZXE1-315	ZXE1-400	ZXE1-500	ZXE1-630
Main Voltage(AC)V	220/380	220/380	220/380	220/380	220/380
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
Input Capacity (KVA)	18.5	32.5	32.5	42	42
No Load Voltage(V)	76	76	76	76	76
Welding Current (A)	40-230	45-250	60-310	80-420	100-510
Duty Cycle (%)	10	35	35	35	35
Electrode(mm)	2-5	2-6	2-7	2-8	2-8
Insulation Class	F	F	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S	IP21S	IP21S
Dimension(mm)	500×450×650	490×650×790	490×650×790	490×650×790	490×650×790
Weight (Kg)	87	92	116	120	125



SOLDA

MMA INVERTER WELDING MACHINE

- stabilizing the arc, preventing the arc from cutting out while welding and preventing electrode sticking
- increasing the arc time and decreasing the frequency of short-circuiting, reducing splatter and providing higher quality welding.
- Three high capacity 100 μ F capacitors providing power stability and higher efficiency
- with an internal support structure preventing internal parts damage if impacted
- Cooling fins with big surface area, two fans and several openings for better cooling
- Better output control and reducing the current on each component, hence extending its lifetime
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Easy arc ignition



TECHNICAL DATA

Model	SOLDA-315	SOLDA-400	SOLDA-500
Main Voltage(AC)V	3PH 380	3PH 380	3PH 380
Frequency(Hz)	50/60	50/60	50/60
Input Capacity (KVA)	12.7	16.5	26.7
No Load Voltage(V)	65	65	65
Welding Current (A)	30-315	30-400	30-500
Duty Cycle (%)	60	60	60
Electrode(mm)	1.6-5.0	1.6-6.0	1.6-8.0
Insulation Class	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S
Dimension(mm)	580×330×580	580×330×580	580×330×580
Weight (Kg)	19	19	19



SOLDA

MMA INVERTER WELDING MACHINE

- Compact, lightweight & ease of operation hence extremely efficient for DIY use
- With an internal support structure preventing internal parts damage if impacted
- High quality copper windings and bars for both torch and ground connections
- Cooling fins with big surface area, two fans and several openings for better cooling
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Better output control and reducing the current on each component, hence extending its lifetime
- High capacity capacitors providing power stability and higher efficiency
- Easy arc ignition

SOLDA-315DV



SOLDA-415DV



SOLDA-450SV



TECHNICAL DATA

Model	SOLDA-315DV	SOLDA-415DV	SOLDA-450SV
Main Voltage(AC)V	Single phase 220/380V	Single phase 220/380V	Single phase 220V
Frequency(Hz)	50/60	50/60	50/60
Input Capacity (KVA)	5.8/6.3	5.9/7.8	9.5
No Load Voltage(V)	70/55	90/75	70
Welding Current (A)	20-180/20-190	20-180/20-250	20-280
Duty Cycle (%)	60	60	60
Electrode(mm)	1.6-5.0	1.6-6.0	1.6-6.0
Insulation Class	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S
Dimension(mm)	530×285×400	620×340×500	600×315×455
Weight (Kg)	8.5	12.5	14.1



FUSION

MMA/TIG LIFT INVERTER WELDING MACHINE

- Compact, lightweight & ease of operation hence extremely efficient for DIY use
- with an internal support structure preventing internal parts damage if impacted
- High quality copper windings and ground cables
- Single integrated circuit board
- Better output control and reducing the current on each component, hence extending its lifetime
- High capacity capacitors providing power stability and higher efficiency
- Easy arc ignition

FUSION-230G



FUSION-280G



TECHNICAL DATA

Model	FUSION-230G	FUSION-280G
Main Voltage(AC)V	Single phase 220V	Single phase 220V
Frequency(Hz)	50/60	50/60
Input Capacity (KVA)	5.3	5.8
No Load Voltage(V)	65	65
Welding Current (A)	20-180	20-200
Duty Cycle (%)	60	60
Electrode(mm)	1.6-4.0	1.6-5.0
Insulation Class	F	F
Protection Degree(IP)	IP21S	IP21S
Dimension(mm)	470×270×330	470×270×330
Weight (Kg)	5.4	5.6



WALDA MMA INVERTER WELDING MACHINE

- Compact, lightweight & ease of operation hence extremely efficient for DIY use
- with an internal support structure preventing internal parts damage if impacted
- High quality copper windings and ground Bar.
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Better output control and reducing the current on eac component, hence extending its lifetime.
- High capacity capacitors providing power stability and higher efficiency
- Easy arc ignition

WALDA-180



WALDA-200



WALDA-250



TECHNICAL DATA

Model	WALDA-180	WALDA-200	WALDA-250
Main Voltage(AC)V	Single phase 220V	Single phase 220V	Single phase 220V
Frequency(Hz)	50/60	50/60	50/60
Input Capacity (KVA)	4.2	4.9	5.5
No Load Voltage(V)	65	65	65
Welding Current (A)	20-140	20-160	20-185
Duty Cycle (%)	60	60	60
Electrode(mm)	1.6-4.0	1.6-4.0	1.6-5.0
Insulation Class	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S
Dimension(mm)	380×230×260	380×230×260	380×230×260
Weight (Kg)	3.8	3.9	4.3



FORCE

MMA INVERTER WELDING MACHINE

- Compact, lightweight & ease of operation hence extremely efficient for DIY use
- with an internal support structure preventing internal parts damage if impacted
- High quality copper windings and ground Bar.
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Better output control and reducing the current on each component, hence extending its lifetime.
- High capacity capacitors providing power stability and higher efficiency
- Easy arc ignition

FORCE-150



FORCE-200



FORCE-220



TECHNICAL DATA

Model	FORCE-150	FORCE-200	FORCE-220
Main Voltage(AC)V	Single phase 220V	Single phase 220V	Single phase 220V
Frequency(Hz)	50/60	50/60	50/60
Input Capacity (KVA)	3.5	4.9	5.3
No Load Voltage(V)	65	65	65
Welding Current (A)	20-120	20-160	20-180
Duty Cycle (%)	60	60	60
Electrode(mm)	1.6-3.2	1.6-4.0	1.6-4.0
Insulation Class	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S
Dimension(mm)	310×220×210	380×230×260	380×230×260
Weight (Kg)	2.5	3.5	3.9



PRACTIC MIG/MAG & MMA WELDING MACHINE

- Compact, lightweight & ease of operation hence extremely efficient
- This machine holds the 15 kg wire roll
- Integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Better output control and reducing the current on each component, hence extending its lifetime.
- Incorporated wheels for easier mobility
- Five high capacity 680 μ F capacitors providing power stability and higher efficiency
- Suitable for MIG/MAG and MMA applications
- with an internal support structure preventing internal parts damage if impacted



Accessories:



TECHNICAL DATA

Model	PRACTIC-250	PRACTIC-350	PRACTIC-500
Main Voltage(AC)V	1PH 220	3PH 380	3PH 380
Frequency(Hz)	50/60	50/60	50/60
Input Capacity (KVA)	7.3	15	24.3
No Load Voltage(V)	50	50	50
Welding Current (A)	50-250	50-350	50-500
Duty Cycle (%)	60	60	60
Electrode(mm)	0.8-1.2	0.8-1.6	1.2-1.6
Insulation Class	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S
Dimension(mm)	600×300×650	630×330×640	630×330×640
Weight (Kg)	27	36	37



MIGSTAR

MIG DC WELDING MACHINE

- Internal support structure preventing internal parts damage if impacted
- High quality copper windings and bars for both torch and ground connections
- Better output control and reducing the current on each component, hence extending its lifetime
- Six high capacity 1500 μ F capacitors providing power stability and higher efficiency
- Incorporated wheels for easier mobility
- Secured built-in gas tube space for ease of operation
- Safety from overheating along with an indicator



Accessories:



TECHNICAL DATA

Model	MIGSTAR-210	MIGSTAR-250	MIGSTAR-2503	MIGSTAR-3153	MIGSTAR-3503
Main Voltage(AC)V	1 PH 220	1 PH 220	3 PH 380	3 PH 380	3 PH 380
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
Input Capacity (KVA)	6.3	7.6	9.8	13	17
No Load Voltage(V)	22-43	22-47	16-36	16-36	16-36
Welding Current (A)	50-190	50-210	35-250	35-315	35-350
Duty Cycle (%)	25	25	60	35	35
Wire(mm)	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.2	0.8-1.2
Insulation Class	H	H	H	H	H
Protection Degree(IP)	IP21S	IP21S	IP21S	IP21S	IP21S
Dimension(mm)	880×360×650	880×360×650	970×500×750	970×500×750	970×500×750
Weight (Kg)	55	60	95	108	115



WS
TIG/MMA WELDING MACHINE

- Compact, lightweight & ease of operation hence extremely efficient for DIY use
- with an internal support structure preventing internal parts damage if impacted
- High quality copper windings, bars and internal connections
- Suitable for TIG and MMA applications
- Better output control and reducing the current on each component, hence extending its lifetime
- Three integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Five high capacity 680 μ F capacitors providing power stability and higher efficiency
- Safety from overheating along with an indicator


Accessories:

TECHNICAL DATA

Model	WS-200	WS-250
Main Voltage(AC)V	1PH 220	1PH 220
Frequency(Hz)	50/60	50/60
Input Capacity (KVA)	6	6.8
No Load Voltage(V)	70	70
Welding Current (A)	5-200	5-250
Duty Cycle (%)	60	60
Electrode(mm)	1.6-3.2	1.6-3.2
Insulation Class	F	F
Protection Degree(IP)	IP21S	IP21S
Dimension(mm)	390×180×300	390×180×300
Weight (Kg)	12	13



TIG

TIG/MMA AC/DC WELDING MACHINE

- Three high capacity 820 μ F capacitors providing power stability and higher efficiency
- Better output control and reducing the current on each component, hence extending its lifetime
- Suitable for TIG and MMA applications
- Four integrated circuit boards providing versatility and ensuring space for more components for operation protection
- High quality copper windings and bars for both torch and ground connections.
- Compact, lightweight & ease of operation hence extremely efficient



Accessories:



TECHNICAL DATA

Model	TIG-200	TIG-230
Main Voltage(AC)V	1PH 220	1PH 220
Frequency(Hz)	50/60	50/60
Input Capacity (KVA)	6.5	7.1
No Load Voltage(V)	74	74
Welding Current TIG/MMA (A)	5-200/20-180	5-250/20-200
ARC Force current range (%)	0-150	0-150
Hot Start Range (%)	0-150	0-150
DC Pulse Base Current (%)	10-100	10-100
Pulse Frequency (Hz)	0.2-500	0.2-500
Duty Cycle (%)	60	60
Electrode(mm)	1.6-5.0	1.6-5.0
Insulation Class	F	F
Protection Degree(IP)	IP21S	IP21S
Dimension(mm)	390×180×300	390×180×300
Weight (Kg)	12	13



DN

DN - SPOT WELDING MACHINE

- Heavy Duty
- High quality copper windings, bars and internal connections.
- Cooling system run by water
- Copper sheet used instead of cylindrical windings to avoid damage during operation
- with an internal support structure preventing internal parts damage if impacted
- Enables the user to control the spot pulse time to avoid human error



TECHNICAL DATA

Model	DN-10	DN-16	DN-25	DN-35
Main Voltage(AC)V	1PH 220	1PH 220	1PH 220	1PH 220
Frequency(Hz)	50/60	50/60	50/60	50/60
Input Capacity (KVA)	10	16	25	35
No Load Voltage(V)	2	2.5	3.5	4
Welding Current (A)	5400	6400	7100	7600
Duty Cycle (%)	20	20	20	20
Cooling Mode	Water Cooling	Water Cooling	Water Cooling	Water Cooling
Dia of applicable Electrode	0.3+0.3-2+2	0.5+0.5-3+3	0.5+0.5-4+4	0.5+0.5-5+5
Insulation Class	F	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S	IP21S
Dimension(mm)	500×450×650	490×650×790	490×650×790	490×650×790
Weight (Kg)	55	68	75	81



LGK8

PLASMA CUTTING MACHINE

- Compact, lightweight & ease of operation hence extremely efficient for DIY use
- with an internal support structure preventing internal parts damage if impacted
- Cooling fins with big surface area, a fan and several openings for better cooling
- High quality copper windings and bars for both torch and ground connections
- Pilot arc connection, a high voltage arc briefly ionizing the air within the torch head
- Better output control and reducing the current on each component, hence extending its lifetime
- Three integrated circuit boards providing versatility and ensuring space for more components for operation protection
- Gas pressure regulator, post gas knob, current knob and 2T/4T control switch



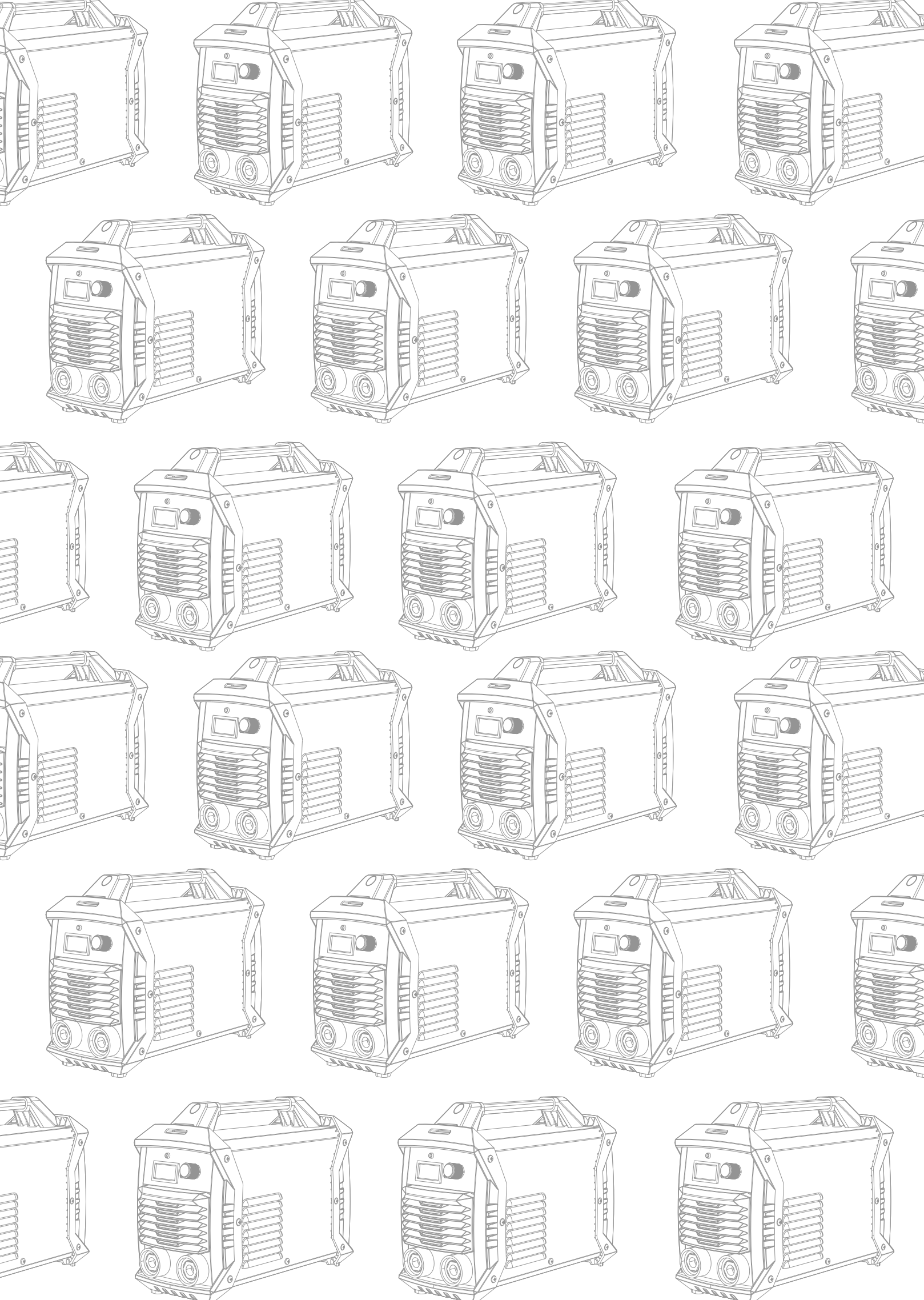
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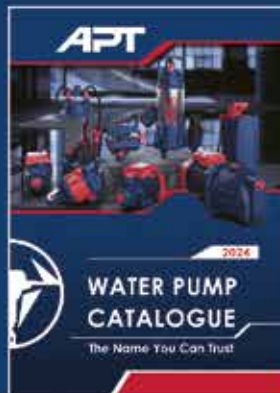
TECHNICAL DATA

Model	LGK8-40	LGK8-63	LGK8-100
Main Voltage(AC)V	1PH 220	3PH 380	3PH 380
Frequency(Hz)	50/60	50/60	50/60
Input Capacity (KVA)	5.8	5.2	14.8
No Load Voltage(V)	240	240	260
Welding Current (A)	10-40	20-60	20-100
Duty Cycle (%)	60	60	60
Electrode(mm)	10	20	35
Insulation Class	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S
Dimension(mm)	390×180×300	480×250×400	580×330×580
Weight (Kg)	9	20	28





Check Our Range



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Info@apt-international.com

