

APT



2023

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

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



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

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 for soft steel and low-alloy steel



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



Mastery

MASTERY MMA AC 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.
- Fan-cooling Compact and portable
- Stepless current adjustment
- Automatically thermal protection
- High efficiency and safety
- Suitable for repairs & DIY



Model	Mastery-180	Mastery-200	Mastery-250
Main Voltage(AC)V	220/380	220/380	220/380
Frequency(Hz)	50/60	50/60	50/60
Input Capacity (KVA)	9.6	10	12.5
No Load Voltage(V)	50	50	50
Welding Current (A)	65-180	70-200	90-250
Duty Cycle (%)	20	20	20
Electrode(mm)	2-4	2-4	2.5-5
Insulation Class	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S
Dimension(mm)	450×250×340	450×250×340	450×250×340
Weight (Kg)	26	27	28



BX6
MMA WELDING MACHINE

- Fan-cooling
- Step-by-step current adjustment, easy to operate
- Compact and portable
- Suitable for repairs & factories
- Duty cycle 20%



Model	BX6-600B	BX6-1000B	BX6-1200B
Main Voltage(AC)V	220/380	220/380	220/380
Frequency(Hz)	50/60	50/60	50/60
Input Capacity (KVA)	9.7	13.7	15.4
No Load Voltage(V)	55	55	55
Welding Current (A)	85-200	85-250	100-280
Duty Cycle (%)	20	20	20
Electrode(mm)	2-4.0	2-5.0	2-5.0
Insulation Class	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S
Dimension(mm)	440×200×350	440×200×380	470×230×380
Weight (Kg)	22.5	27.3	28



SOLDA

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



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



WALDA

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.
- Two 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.
- Two high capacity 680 μ F capacitors providing power stability and higher efficiency
- Easy arc ignition



Model	WALDA-120	WALDA-160
Main Voltage(AC)V	1PH 220	1PH 220
Frequency(Hz)	50/60	50/60
Input Capacity (KVA)	3.8	4.9
No Load Voltage(V)	60	60
Welding Current (A)	20-120	20-160
Duty Cycle (%)	35	35
Electrode(mm)	1.6-3.2	1.6-5.0
Insulation Class	F	F
Protection Degree(IP)	IP21S	IP21S
Dimension(mm)	310×140×240	310×140×240
Weight (Kg)	3.6	3.8



FUSION

FUSION 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 cables
- Single integrated circuit board
- Better output control and reducing the current on each component, hence extending its lifetime
- Three high capacity 820 μ F capacitors providing power stability and higher efficiency
- Easy arc ignition



Model	FUSION-160	FUSION-180	FUSION-200
Main Voltage(AC)V	1PH 220	1PH 220	1PH 220
Frequency(Hz)	50/60	50/60	50/60
Input Capacity (KVA)	4.9	5.3	5.8
No Load Voltage(V)	60	60	60
Welding Current (A)	20-160	20-180	20-200
Duty Cycle (%)	60	60	60
Electrode(mm)	1.6-5.0	1.6-5.0	1.6-5.0
Insulation Class	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S
Dimension(mm)	310×140×240	310×140×240	390×180×300
Weight (Kg)	4.5	4.8	5.2



SOLDA

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
- Three 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
- Five high capacity 820 μ F capacitors providing power stability and higher efficiency
- Easy arc ignition



Model	SOLDA-160	SOLDA-180	SOLDA-200	SOLDA-250A	SOLDA-280A
Main Voltage(AC)V	1PH 220	1PH 220	1PH 220	1PH 220	1PH 220
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
Input Capacity (KVA)	4.9	5.3	5.8	6.1	6.1
No Load Voltage(V)	60	60	60	60	60
Welding Current (A)	20-160	20-180	20-200	20-250	20-280
Duty Cycle (%)	60	60	60	60	60
Electrode(mm)	1.6-5.0	1.6-5.0	1.6-5.0	1.6-5.0	1.6-5.0
Insulation Class	F	F	F	F	F
Protection Degree(IP)	IP21S	IP21S	IP21S	IP21S	IP21S
Dimension(mm)	310×140×240	310×140×240	390×180×300	390×180×300	390×180×300
Weight (Kg)	4.5	4.8	5.2	5.4	5.6



PRACTIC

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



Model	PRACTIC-250	PRACTIC-500
Main Voltage(AC)V	1PH 220	3PH 380
Frequency(Hz)	50/60	50/60
Input Capacity (KVA)	8.5	24.8
No Load Voltage(V)	52	56
Welding Current (A)	20-250	50-600
Duty Cycle (%)	60	60
Electrode(mm)	0.8-1.2	1.2-1.6
Insulation Class	F	F
Protection Degree(IP)	IP21S	IP21S
Dimension(mm)	620×330×600	580×330×580
Weight (Kg)	28	30



MIGSTAR

MIGSTAR MIG DC WELDING MACHINE

- Includes a lot of functions depending on the application:
 - Wire feed control
 - Continuous
 - Stitch
 - Spot
 - Arc pulse width
 - Interval between pulses
- with an 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
- This machine holds the 15 kg wire roll
- Safety from overheating along with an indicator



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

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



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

WELDING MACHINE AC/DC CU WINDING W/ ACC

- Includes a lot of functions to produce a high-quality weld:
 - Hot Start
 - Arc Force
 - AC Balance
 - VRD
 - 2T
 - 4T
- 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



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



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 applocable 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



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



MIG

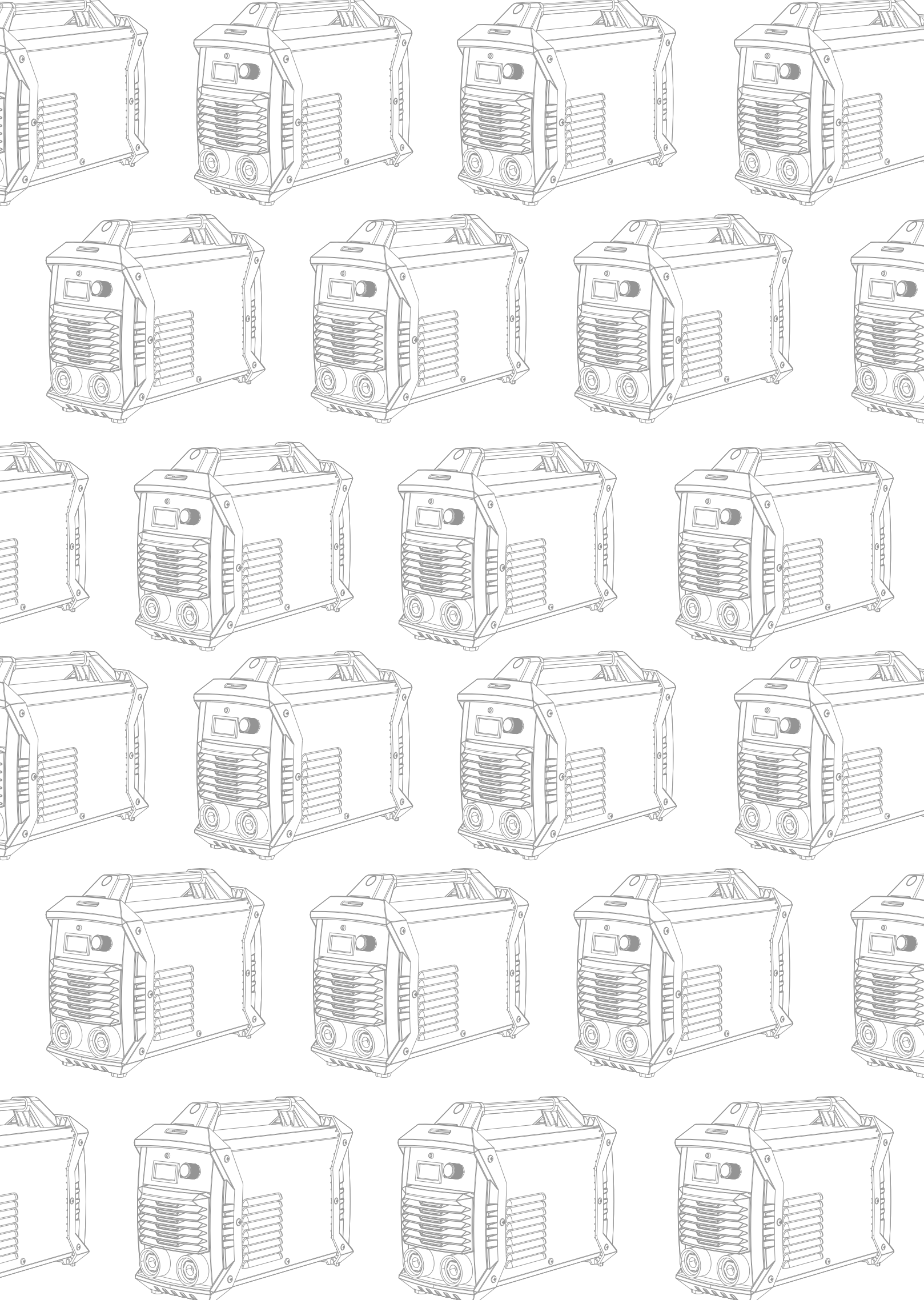
MIG WELDING MACHINE DC W/ACC

- Fan-cooling
- Movable iron core transformer used
- Excellent welding characteristics For welding of low-carbon or low-alloy steels
- Suitable for industry and construction fields



Model	MIG-200DP
Main Voltage(AC)V	220/380
Frequency(Hz)	50/60
Input Capacity (KVA)	21
No Load Voltage(V)	66
Welding Current (A)	60-315
Duty Cycle (%)	35
Electrode(mm)	2-6
Insulation Class	F
Protection Degree(IP)	IP21S
Dimension(mm)	590×720×455
Weight (Kg)	68





Check Our Range

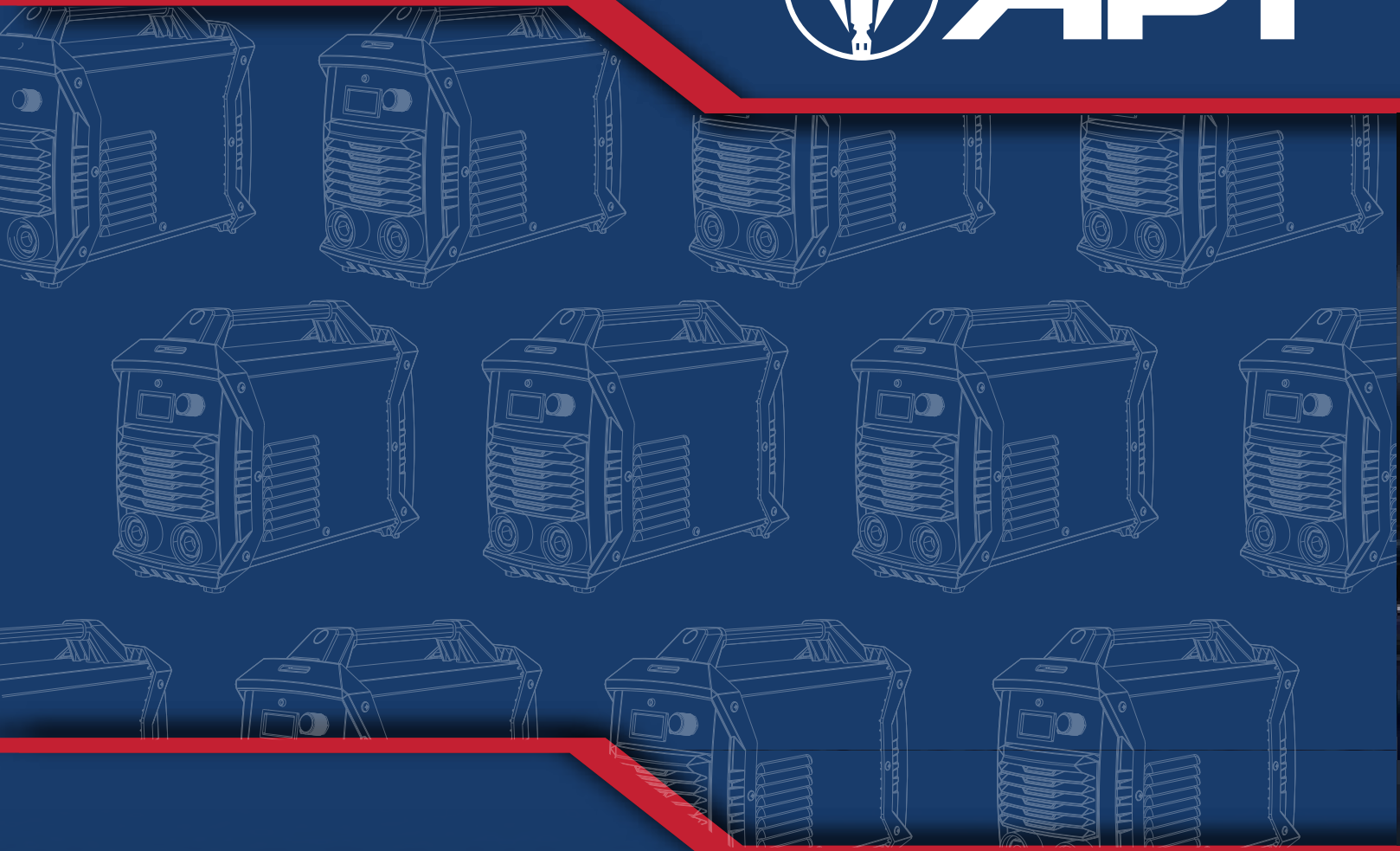


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Contact Us



Info@apt-international.com

