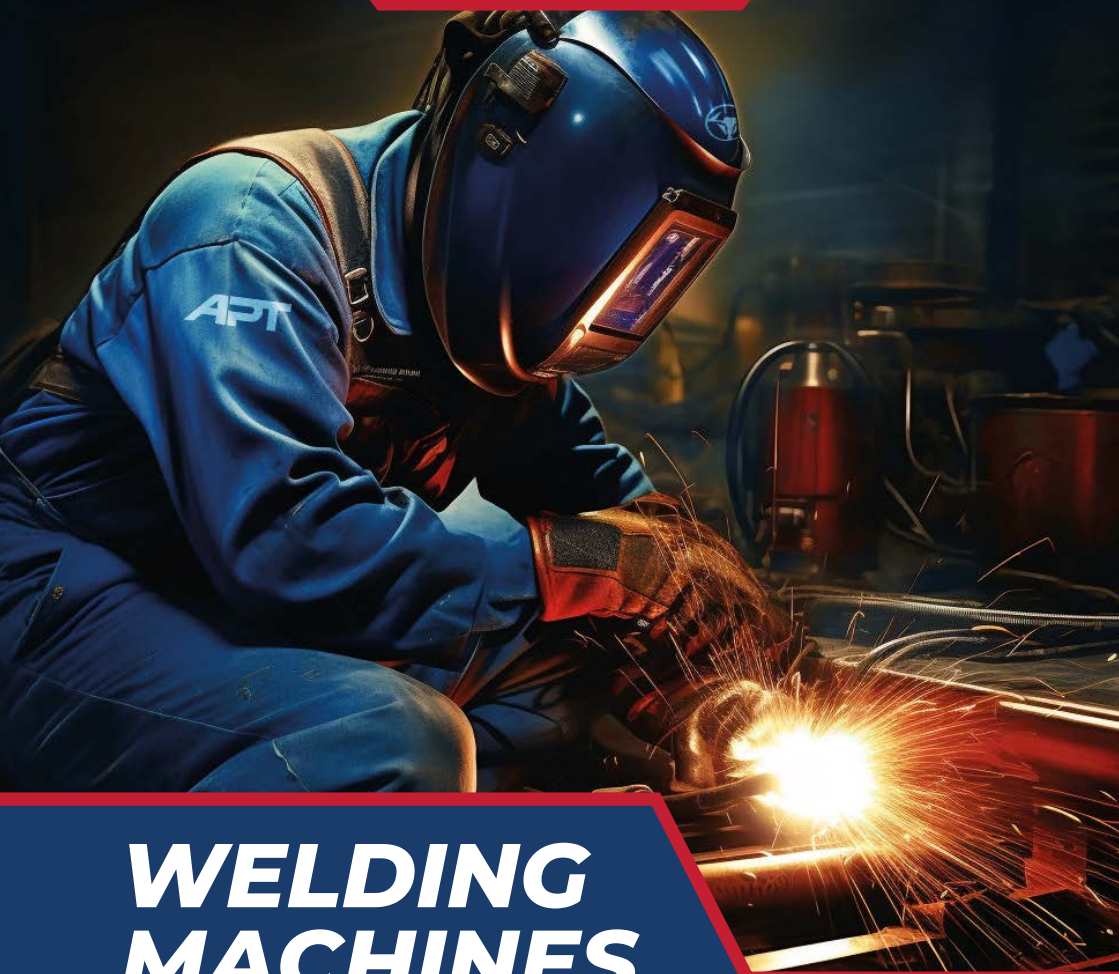




APT



WELDING MACHINES BROCHURE

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Welding Machines

FORCE MMA Inverter Welding Machine

FORCE-150



FORCE-200



FORCE-220



Feature	Model	FORCE-150	FORCE-200	FORCE-220
Input Capacity (KVA)		3.5	4.9	5.3
Recommended Generator Power		4KW	5.5KW	6KW
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
Weight (Kg)		2.5	3.5	3.9

WALDA-180



WALDA-200



WALDA-250



WALDA MMA Inverter Welding Machine

Feature	Model	WALDA-180	WALDA-200	WALDA-250
Input Capacity (KVA)		4.2	4.9	5.5
Recommended Generator Power		5KW	5.5KW	6KW
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
Weight (Kg)		3.8	3.9	4.3

FUSION MMA/TIG LIFT Inverter Welding Machines



FUSION-230G



FUSION-280G



Feature	Model	FUSION-230G	FUSION-280G
Input Capacity (KVA)		5.3	5.8
Recommended Generator Power		6KW	7KW
Welding Current (A)		20-180	20-200
Duty Cycle (%)		60	60
Electrode(mm)		1.6-4.0	1.6-5.0
Weight (Kg)		5.4	5.6

SOLDA-315DV



SOLDA-415DV



SOLDA-450SV



SOLDA MMA Inverter Welding Machine

Feature	Model	SOLDA-315DV	SOLDA-415DV	SOLDA-450SV
Input Capacity (KVA)		5.8/6.3	5.9/7.8	9.5
Recommended Generator Power		7KW	9KW	10KW
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
Weight (Kg)		8.5	12.5	14.1

SOLDA MMA Inverter Welding Machine



Welding Machines

Model	SOLDA-315	SOLDA-400	SOLDA-500
Feature			
Input Capacity (KVA)	12.7	16.5	26.7
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
Weight (Kg)	19	19	19

WS TIG/MMA Welding Machine

Model	WS-200	WS-250
Feature		
Input Capacity (KVA)	5.8	6.8
MMA Welding Current (A)	20-200	20-220
TIG Welding Current (A)	5-200	5-220
Duty Cycle (%)	60	60
MMA Electrode(mm)	1.6-5.0	1.6-5.0
TIG WIRE (mm)	1.6-2.4	1.6-2.4
Weight (Kg)	7.5	9.5

Accessories:



TS TIG/MMA Welding Machine

Accessories:



Model	TS-160	TS-180
Feature		
Input Capacity (KVA)	4.9	5.3
MMA Welding Current (A)	20-140	20-160
TIG Welding Current (A)	10-160	10-180
Duty Cycle (%)	60	60
MMA Electrode(mm)	1.6-4.0	1.6-5.0
TIG WIRE (mm)	1.6-2.0	1.6-2.4
Weight (Kg)	4.2/6.9	4.7/7.4



TIG TIG/MMA AC/DC Welding Machine

Model	TIG-200	TIG-230
Feature		
Input Capacity (KVA)	6.5	7.1
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
Weight (Kg)	12	13

Accessories:



Welding Machines

PRACTIC MIG/MAG & MMA Welding Machine

Accessories:



Feature	Model	PRACTIC-250	PRACTIC-350	PRACTIC-500
Main Voltage(ACV)		1PH 220	3PH 380	3PH 380
Input Capacity (KVA)		7.3	15	24.3
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
Weight (Kg)		27	36	37



Accessories:



MIGSTAR MIG DC Welding Machine



Feature	Model	MIGSTAR-210	MIGSTAR-250	MIGSTAR-2503	MIGSTAR-3153	MIGSTAR-3503
Main Voltage(ACV)		1 PH 220	1 PH 220	3 PH 380	3 PH 380	3 PH 380
Input Capacity (KVA)		6.3	7.6	9.8	13	17
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
Weight (Kg)		55	60	95	108	115

BX1 MMA AC Welding Machine

Feature	Model	BX1-250	BX1-315	BX1-400	BX1-500	BX1-630
Main Voltage(ACV)		220/380	220/380	220/380	220/380	220/380
Input Capacity (KVA)		16	21	30	40	51
Welding Current (A)		50-250	30-315	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
Weight (Kg)		60	68	78	84	92



ZXE1 MMA AC/DC Welding Machine



Feature	Model	ZXE1-250	ZXE1-315	ZXE1-400	ZXE1-500	ZXE1-630
Main Voltage(ACV)		220/380	220/380	220/380	220/380	220/380
Input Capacity (KVA)		18.5	32.5	32.5	42	42
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
Weight (Kg)		87	92	116	120	125

DN

DN - SPOT Welding Machine



Welding Machines

Model	DN-10	DN-16	DN-25	DN-35
Feature				
Main Voltage(AC)V	1PH 220	1PH 220	1PH 220	1PH 220
Input Capacity (KVA)	10	16	25	35
Welding Current (A)	5400	6400	7100	7600
Duty Cycle (%)	20	20	20	20
Electrode(mm)	2-5	2-6	2.5-7	3.2-8
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
Weight (Kg)	55	68	75	81

CUT Plasma Cutting Machine

Model	CUT-40	CUT-55
Feature		
Input Capacity (KVA)	5.8	7.3
Cutting Current (A)	10-40	10-55
Duty Cycle (%)	60	60
Max. Cutting Thickness (mm)	15	22
Gas Delay (sec)	0-10	0-10
Weight (Kg)	6.5	6.9

Accessories:



LGK8 Plasma Cutting Machine

Accessories:



Model	LGK8-60	LGK8-100
Feature		
Input Capacity (KVA)	5.2	14.8
Cutting Current (A)	20-60	20-100
Duty Cycle (%)	60	60
Max. Cutting Thickness (mm)	20	35
Weight (Kg)	20	28



Welding Accessories

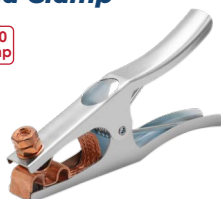
Electrode Holder

300 Amp 400 Amp 500 Amp 600 Amp 800 Amp



Ground Clamp

300 Amp 500 Amp



Welding Accessories

PP Weldnig Mask

PP Weldnig Mask

- Glass Size 108×50mm



PP Welding Mask Over Head Flip type

- Glass Size 108×50mm



PP Welding Mask Over Head Flip Type

-BIG GLASS 110×90mm



Auto-darkening Welding Helmet

- Filter size 110×90×9 mm
- Light-dark:1/25,000sec



- Filter size 133×114×10 mm
- Light-dark:1/35,000sec



- Filter size 110×90×9 mm
- Light-dark:1/15,000sec



Welding Goggles



- Filter size: 145.4×53×30 mm
- Light-dark:1/15,000sec

- Filter size: 108×50.8×5 mm
- Light-dark:1/15,000sec



Welding Glass

Lens Shade	8	9	10	11	9	11	-
Color	Black	Black	Black	Black	Black	Black	Transparent
SIZE	108×50×2.5	108×50×2.5	108×50×2.5	108×50×2.5	110×90×2.7	110×90×2.7	107×89×1



Welding Solid Wire ER70S-6

SIZE	0.8	1.0	1.2
Weight (Kg)	15 Kg	15 Kg	15 Kg



AWS - E6013

Low Carbon Steel
Welding Electrodes

SIZE	2.5	3.3	4.0	5.0
Current(A) AC or DC	70-90	90-140	140-190	180-240





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