

APT **FORGE** PULSE



.....
parweld
.....

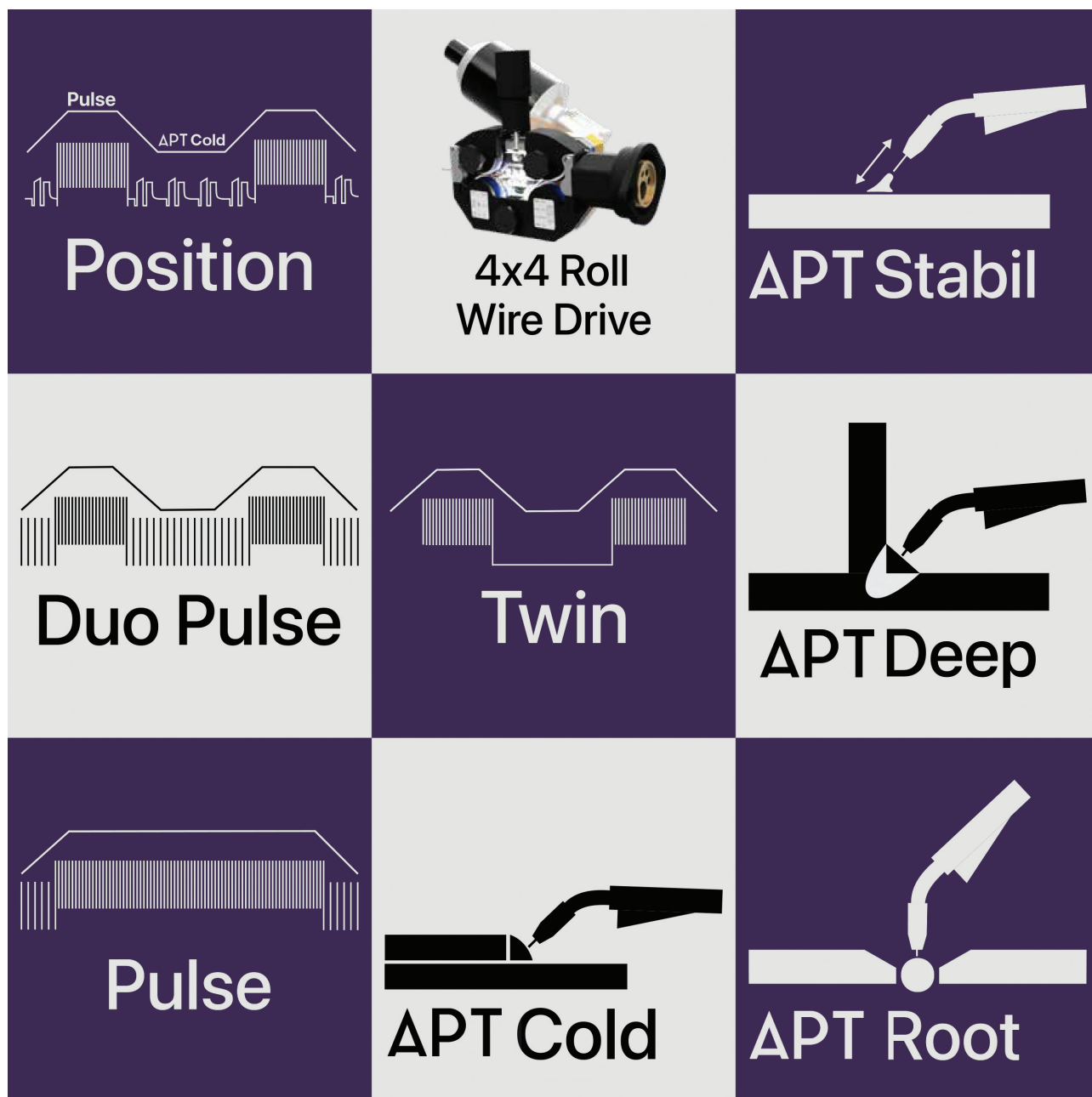
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Machine Icon Key

 Metal Inert Gas welding (MIG)	 Machine will provide Alternating Current or Direct Current output	 Momentary or latching trigger operation	 Lift start TIG (contact) with reduced power start
 Tungsten Inert Gas welding (TIG)	 Suitable for use with three phase supply	 Accepts 1Kg or 5Kg wire spools	 Scratch (contact) start TIG with full welding current
 Manual Metal Arc welding (MMA)	 Constant Voltage control for MIG welding applications	 Accepts 5Kg or 15Kg wire spools	 Arc force, reduces electrode shorting when to close to the job
 Air plasma cutting	 Forced air fan cooling	 Mesh cutting option	 Hot start boosts the power at the start to reignite the electrode cleanly
 Constant Current control for TIG and MMA applications	 Two roll MIG wire feeder	 Non HF torch starting with pilot arc	 Manual Metal Arc welding (MMA)
 Direct Current output	 Four roll MIG wire feeder	 HF torch starting with pilot arc	 No load voltage is reduced when power source is idling
 Will work with 50 or 60Hz supply	 Reversing polarity to allow use with Gas or Gasless MIG wires	 Power pulsing of the output for improved control and penetration	 Multi-wave A/C TIG
 Suitable for use with single phase supply	 Synergic MIG control for fast easy setting	 HF start (non-contact) TIG	 Multi-wave AC welding offers square, sine and triange wave form
 Spot welding timer	 Stick welding mode for high speed spot welding	 DC mix for increased speed AC welding	 Power pulsing of the output for improved control and penetration
 Double Pulse	 Duo Pulse		

Optimised for Performance



MANUAL WELDING

- MIG/MAG
- XSAW
- MMA

ROBOTIC WELDING

- Robotic MIG/MAG
- Robotic TIG

Advanced Power Technology



25.000 PPS
Wire Speed Control
Perfect Feedibility



Wire Push
Pull-Back
Gas Testing



Spool Cover
With Wire
View

99

Program
Memory



Intelligent
Cooling

RL

Torch and Cable
Calibration



Hose Pack
Support



Smart Torch



Military
Connector

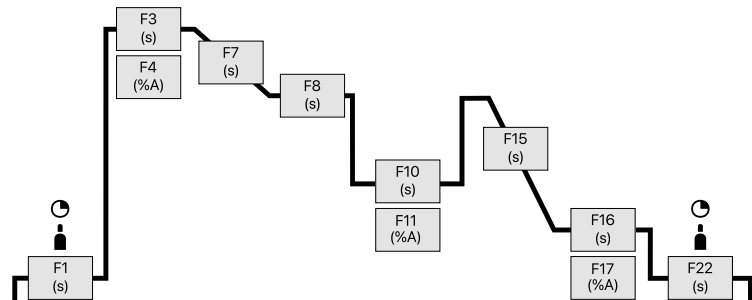
Job List Setting Table ST

Located on the wire feeder this lists all the JOBS and Functions which can be selected from the front panel.

Job list, jobs can be loaded using the JOB number or by selecting parameters on the front panel. MMA, Gouging and TIG welding must be selected using the JOB number

Standard-Pulse		0.8	1.0	1.2	1.6
SG2 / SG3	Ar+18%CO ₂	8	10	12	16
	Ar+10%CO ₂	18	20	22	26
	CO ₂ 100%	28	30	32	36
Flux Cored		0.8	1.0	1.2	1.6
Steel / FC Metal	Ar+18%CO ₂	238	240	242	246
Steel / FC Rutil	Ar+18%CO ₂	248	250	252	256
	CO ₂ 100%			262	266
Steel / FC Basic	Ar+18%CO ₂			602	
Steel / FC High Str.	Ar+18%CO ₂			592	
Steel / FC Rutil	Self Shielded		720	722	
APT Deep		0.8	1.0	1.2	1.6
SG2 / SG3	Ar+18%CO ₂	298	300	302	306
	Ar+10%CO ₂	308	310	312	316
APT Root		0.8	1.0	1.2	1.6
SG2 / SG3	Ar+18%CO ₂		360	362	
	CO ₂ 100%		370	372	
	Ar+10%CO ₂		500	502	
APT Cold		0.8	1.0	1.2	1.6
SG2 / SG3	Ar+18%CO ₂	378	380	382	386
	CO ₂ 100%	388	390	392	
	Ar+10%CO ₂		510	512	
Application					
MIG/MAG Manual		4			
TIG (Lift Arc)		5			
MMA		6			
Gouging		7			

Function Pictogram indicates the purpose of the Key function buttons



Function list, Functions can be loaded using the F number

Parweld reserves the right to change or update the JOBS and Functions through software updates in the machine that may not be reflected on this list

Function	Description	Min	Max
F1	Gas pre-flow (s)	0	10
F2	Start wire speed (m/min)	20	100
F3	Start time (s)	0	10
F4	Start current (%)	1	200
F5	Start arc correction(V)	-9.9	+9.9
F7	Start slope (s)	0	5
F8	Duo peak time (s)	0.05	10
F10	Duo base time (s)	0.05	10
F11	Duo base amper (%)	1	100
F12	Duo base arc correction (v)	-9.9	+9.9
F15	End down slope (s)	0	10
F16	End time (s)	0	10
F17	End current (%)	1	200
F18	End arc correction (V)	-9.9	+9.9
F20	End burn back (-)	0	15
F21	End wire cut mode (-)	0	2
F22	Gas post-flow (s)	0	10
F23	Smart trigger (-)	0	10
F24	Penetration stabilizer (m/min)	0	10

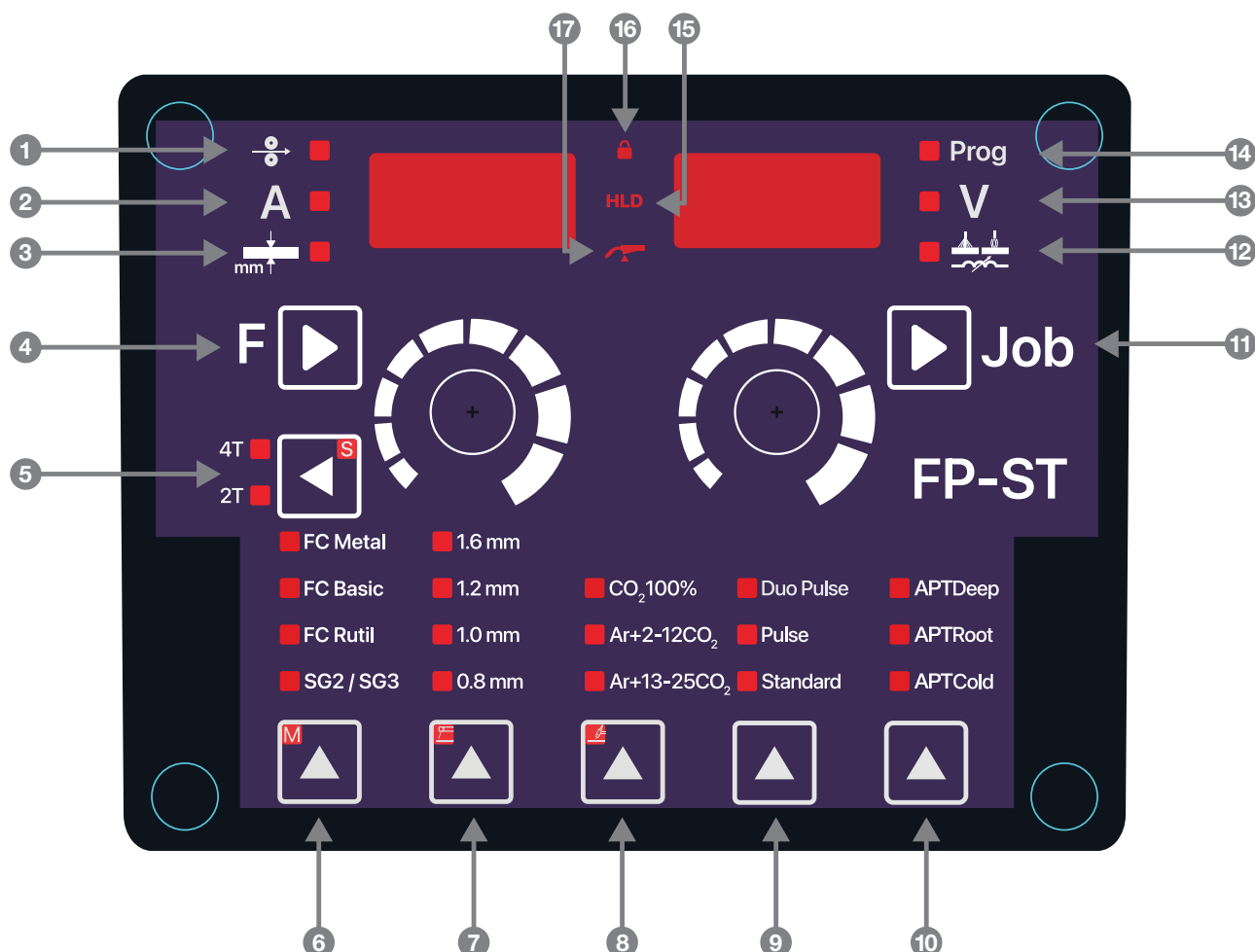
Function	Description	Min	Max
F25	Hot start time (s)	0	10
F26	Hot start current (%)	1	200
F27	Arc force (-)	0	+50
F28	Antistick (s)	0	2
F29	VRD function (-)	0	1

Function	Description	Min	Max
F34	Tack/stitch mode (-)	0	2
F35	Cooling mode (-)	0	4
F36	Motor current (A)	0	4
F37	Motor current limit (A)	0.7	7
F38	Auto load default values (-)	0	1
F39	Motor control firmware (-)	-	-
F40	Power control firmware (-)	-	-
F41	Arc on time (h)	0	4
F42	Machine on time (h)	0	4
F45	Wire speed correction (m/min)	-2	+2
F48	Status light template	0	3
F49	Controller mode	0	9
F50	RL cable calibration (mOhm)	0	30

Function	Description	Min	Max
F31	TIG V stop limit (V)	18	18
F32	TIG comfort stop sensitivity (V)	-2	+2

Front Panel ST

FOR FLUX-CORED WIRE
AND STEEL SOLUTIONS



1. Wire Feed Speed
2. Welding Current
3. Material Thickness Selection
4. Menu Selection / Press and Hold Function Settings
5. Trigger Selection
6. Material Type Selection / Press and Hold for Manual Welding
7. Wire Diameter Selection / Press and Hold for TIG Welding
8. Shielding Gas Selection / Press and Hold for MMA Welding
9. Standard Process Selection
10. Special Process Selection
11. Menu Selection / Press and Hold Job Settings
12. Inductance
13. Voltage
14. Program Memory
15. Hold Indicator
16. Lock Indicator
17. Trigger Indicator

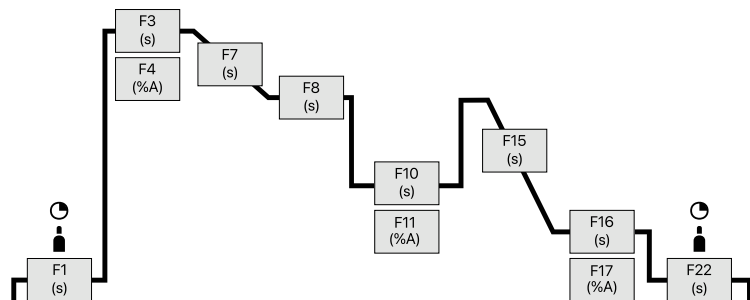
Job List Setting Table PR

Located on the wire feeder this lists all the JOBS and Functions which can be selected from the front panel.

Job list, jobs can be loaded using the JOB number or by selecting parameters on the front panel. MMA, Gouging and TIG welding must be selected using the JOB number

Standard - Pulse		0.8	1.0	1.2	1.6	
SG2 / SG3		Ar+18%CO ₂	8	10	12	16
		Ar+10%CO ₂	18	20	22	26
		CO ₂ 100%	28	30	32	36
CrNi	308 / 316 / 318 / 19 9 / 19 12 3	Ar+2.5%CO ₂	68	70	72	76
CuSi		Ar100%	178	180	182	186
CuAl		Ar100%	188	190	192	196
AlMg4,5 Mn		Ar100%	118	120	122	126
AlSi		Ar100%	138	140	142	146
Flux Cored			0.8	1.0	1.2	1.6
Steel / FC Metal		Ar+18%CO ₂	238	240	242	246
Steel / FC Rutil		Ar+18%CO ₂	248	250	252	256
		CO ₂ 100%			262	266
Steel / FC Basic		Ar+18%CO ₂			602	
CrNi / FC Metal		Ar+2.5%CO ₂			272	276
CrNi / FC Rutil		Ar+18%CO ₂			282	286
CrNi / FC Rutil		CO ₂ 100%			292	296
Steel / FC High Str.		Ar+18%CO ₂			592	
Steel / FC Rutil		Self Shielded		720	722	
APT Deep			0.8	1.0	1.2	1.6
SG2 / SG3		Ar+18%CO ₂	298	300	302	306
		Ar+10%CO ₂	308	310	312	316
CrNi	308 / 316 / 318 / 19 9 / 19 12 3	Ar+2.5%CO ₂		640	642	646
AlMg4,5 Mn		Ar100%			332	336
AlSi		Ar100%			342	346
APT Root			0.8	1.0	1.2	1.6
SG2 / SG3		Ar+18%CO ₂		360	362	
		CO ₂ 100%		370	372	
		Ar+10%CO ₂		500	502	
APT Cold			0.8	1.0	1.2	1.6
SG2 / SG3		Ar+18%CO ₂	378	380	382	386
		CO ₂ 100%	388	390	392	
		Ar+10%CO ₂		510	512	
CrNi	308 / 316 / 318 / 19 9 / 19 12 3	Ar+2.5%CO ₂	398	400	402	
Application						
MIG/MAG Manual				4		
TIG (Lift Arc)				5		
MMA				6		
Gouging				7		

Function Pictogram indicates the purpose of the Key function buttons



Function list, Functions can be loaded using the F number

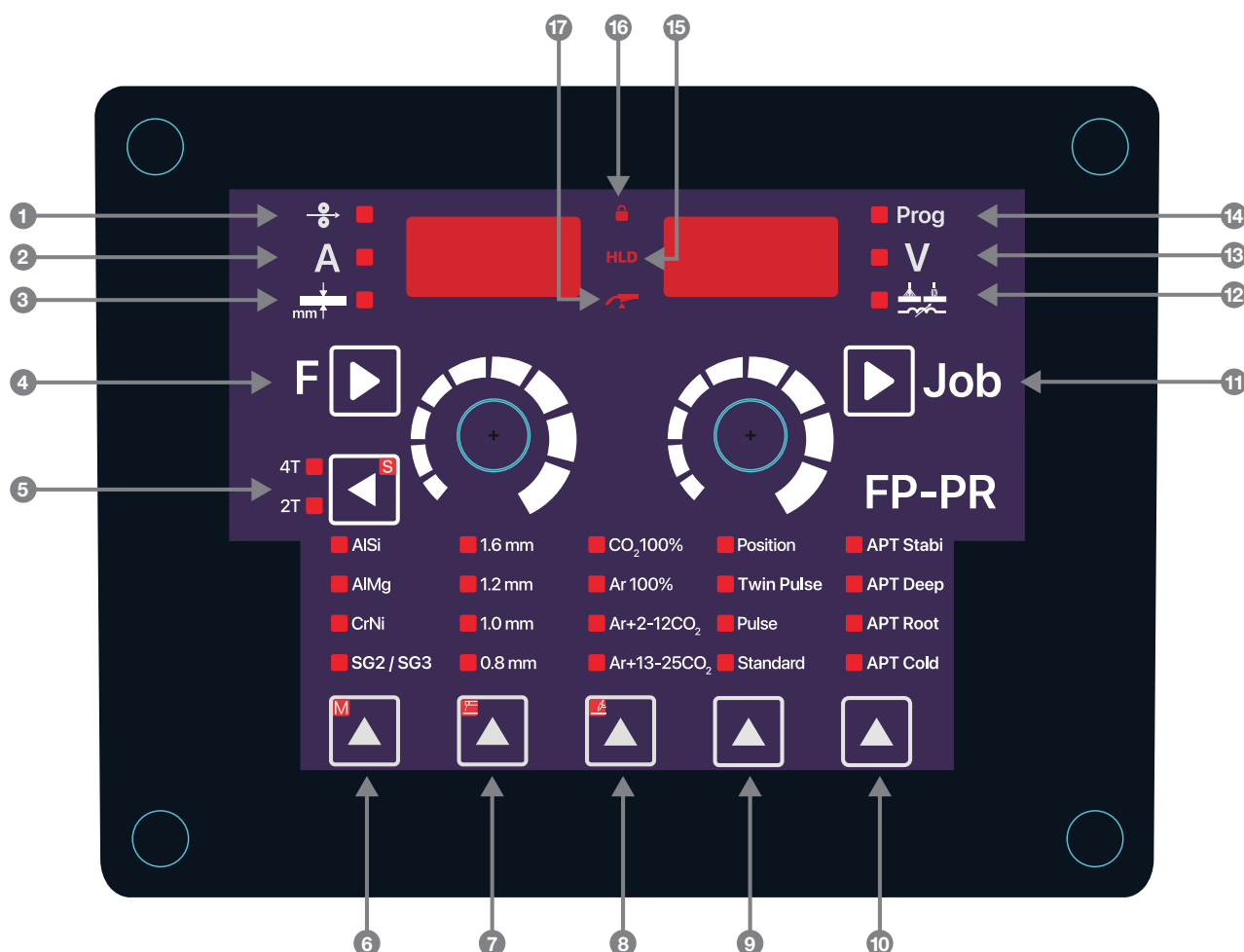
Parweld reserves the right to change or update the JOBS and Functions through software updates in the machine that may not be reflected on this list

Function	Description	Min	Max
F1	Gas pre-flow (s)	0	10
F2	Start wire speed (m/min)	20	100
F3	Start time (s)	0	10
F4	Start current (%)	1	200
F5	Start arc correction(V)	-9.9	+9.9
F7	Start slope (s)	0	5
F8	Duo peak time (s)	0.05	10
F10	Duo base time (s)	0.05	10
F11	Duo base amper (%)	1	100
F12	Duo base arc correction (v)	-9.9	+9.9
F15	End down slope (s)	0	10
F16	End time (s)	0	10
F17	End current (%)	1	200
F18	End arc correction (V)	-9.9	+9.9
F20	End burn back (-)	0	15
F21	End wire cut mode (-)	0	2
F22	Gas post-flow (s)	0	10
F23	Smart trigger (-)	0	10
F24	Penetration stabilizer (m/min)	0	10

Function	Description	Min	Max
F25	Hot start time (s)	0	10
F26	Hot start current (%)	1	200
F27	Arc force (-)	0	+50
F28	Antistick (s)	0	2
F29	VRD function (-)	0	1
F34	Tack/stitch mode (-)	0	2
F35	Cooling mode (-)	0	4
F36	Motor current (A)	0	4
F37	Motor current limit (A)	0.7	7
F38	Auto load default values (-)	0	1
F39	Motor control firmware (-)	-	-
F40	Power control firmware (-)	-	-
F41	Arc on time (h)	0	4
F42	Machine on time (h)	0	4
F45	Wire speed correction (m/min)	-2	+2
F48	Status light template	0	3
F49	Controller mode	0	9
F50	RL cable calibration (mOhm)	0	30
F31	TIG V stop limit (V)	18	18
F32	TIG comfort stop sensitivity (V)	-2	+2

Front Panel PR

FOR ALL TYPES OF METAL WORK
(STEEL, CR, CU & AL)



- | | |
|--|--|
| 1. Wire Feed Speed | 9. Standard Process Selection |
| 2. Welding Current | 10. Special Process Selection |
| 3. Material Thickness Selection | 11. Menu Selection Press and Hold / Job Settings |
| 4. Menu Selection / Press and Hold Function Settings | 12. Inductance |
| 5. Trigger Selection | 13. Voltage |
| 6. Material Type Selection / Press and Hold for Manual Welding | 14. Program Memory |
| 7. Wire Diameter Selection / Press and Hold for TIG Welding | 15. Hold Indicator |
| 8. Shielding Gas Selection / Press and Hold for MMA Welding | 16. Lock Indicator |
| | 17. Trigger Indicator |

FP220C

Part Code

APT-PR-M220C-5

Air Cooled | PR Panel
For all Jobs

APT-ST-M220C-5

Air Cooled | ST Panel
For Steel and Cored Wires

APT-PR-M220C-15

Air Cooled | PR Panel
For all Jobs

APT-ST-M220C-15

Air Cooled | ST Panel
For Steel and Cored Wires



OVERVIEW

FP220C Pulse is welder friendly with its simple and intuitive interface. It provides the possibility to apply gas metal arc (MIG/MAG), argon (TIG), and coated electrode (MMA) processes in a single machine. With

its durable and functional design, it can be used safely in all kinds of harsh working conditions.

The FP220C Pulse offers an intuitive interface that highlights the settings

users use most frequently. Thanks to its effortless and user-friendly interface, it is designed to reduce the need for trained welders.



Wire Spool 5Kg

Wire Spool 15Kg

KEY FEATURES

- Welder-friendly operation
- Experience 174 welding program
- Memory capacity of 99 programs
- Advanced function table
- Spatter-free welding technique
- High welding speed, low heat input
- 4x4 wire feeder unit
- 256 PPR optical counter
- Military-standard connector
- Smart cooling
- Hose pack support
- 2 Years return to base warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

PARAMETER	VALUE
Input Voltage	230V Single Phase
Mains Voltage Tolerance	- 10 % / + 15 %
Minimum Welding Current	10A
Maximum Welding Current	220A
MIG Duty Cycle, 40°C	90A 100%, 220A 13%
TIG Duty Cycle, 40°C	90A 100%, 220A 13%
MMA Duty Cycle, 40°C	90A 100%, 220A 13%
Open – Circuit Voltage	14 V - 60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Air Cooled, 21kg
Standard Accessories	5m Power Cable (3 x 1.5mm ²)
	5m Earth Clamp (35mm ²)
	Gas Hose (1.5m)
Dimensions (W, L, H)	324mm x 483mm x 417mm
Certification	CE

FP353C

Part Code

APT-PR-M350C

Air Cooled | PR Panel
For all Jobs

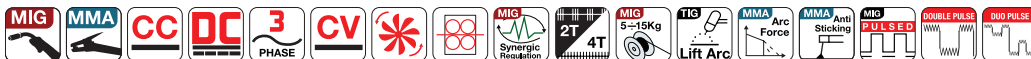
APT-ST-M350C

Air Cooled | ST Panel
For Steel and Cored Wires

OVERVIEW

FP353C Pulse is welder friendly with its simple and intuitive interface. It provides the possibility to apply gas metal arc (MIG/MAG), argon (TIG), and coated electrode (MMA) processes in a single machine. With its durable and functional design, it can be used safely in all kinds of harsh working conditions.

The FP353C Pulse offers an intuitive interface that highlights the settings users use most frequently. Thanks to its effortless and user-friendly interface, it is designed to reduce the need for trained welders.



KEY FEATURES

- Welder-friendly operation
- Up to 174 welding programs
- Memory capacity of 99 programs
- Advanced function table
- Spatter-free welding technique
- High welding speed, low heat input
- 4x4 wire feeder unit
- ST models offer steel and flux cored jobs
- PR models cover any material jobs
- Smart cooling
- Hose pack support
- 2 Years return to base warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

PARAMETER	VALUE
Input Voltage	400V 3 Phase
Mains Voltage Tolerance	- 10 % / + 15 %
Minimum Welding Current	30A
Maximum Welding Current	350A
MIG Duty Cycle, 40°C	350A 40%, 300A 60%, 250A 100%
TIG Duty Cycle, 40°C	350A 40%, 300A 60%, 250A 100%
MMA Duty Cycle, 40°C	350A 40%, 300A 60%, 250A 100%
Open – Circuit Voltage	60V
Factory Delivered Roller	1.0 + 1.2mm / Steel
Weight	42kg
Standard Accessories	5m Power Cable (4 x 2.5mm ²)
	5m Earth Clamp (50mm ²)
	Gas Hose (1.5m)
Dimensions (W, L, H)	532mm x 624mm x 736mm
Certification	CE

FP350CW

Part Code

APT-PR-M350CW

Water Cooled | PR Panel
For all Jobs

APT-ST-M350CW

Water Cooled | ST Panel
For Steel and Cored Wires

OVERVIEW

FP350CW Pulse is welder friendly with its simple and intuitive interface. It provides the possibility to apply gas metal arc (MIG/MAG), argon (TIG), and coated electrode (MMA) processes in a single machine. With its durable and functional design, it can be used safely in all kinds of harsh working conditions.

The FP350CW Pulse offers an intuitive interface that highlights the settings users use most frequently. Thanks to its effortless and user-friendly interface, it is designed to reduce the need for trained welders.



KEY FEATURES

- Welder-friendly operation
- Up to 174 welding programs
- Memory capacity of 99 programs
- Advanced function table
- Spatter-free welding technique
- High welding speed, low heat input
- 4x4 wire feeder unit
- ST models offer steel and flux cored jobs
- PR models cover any material jobs
- Smart cooling
- Hose pack support
- 2 Years return to base warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

PARAMETER	VALUE
Input Voltage	400V 3 Phase
Mains Voltage Tolerance	- 10 % / + 15 %
Minimum Welding Current	30A
Maximum Welding Current	350A
MIG Duty Cycle, 40°C	350A 40%, 300A 60%, 250A 100%
TIG Duty Cycle, 40°C	350A 40%, 300A 60%, 250A 100%
MMA Duty Cycle, 40°C	350A 40%, 300A 60%, 250A 100%
Open – Circuit Voltage	60V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	55kg
Standard Accessories	5m Power Cable (4 x 2.5mm ²)
	5m Earth Clamp (50mm ²)
	Gas Hose (1.5m)
Dimensions (W, L, H)	532 × 860 × 974mm
Certification	CE

FP400SW

Part Code

APT-PR-M403SW

Water Cooled | PR Panel
For all Jobs

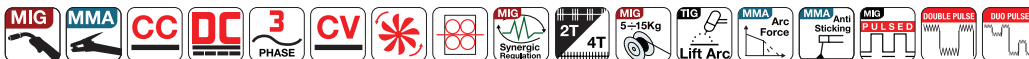
APT-ST-M403SW

Water Cooled | ST Panel
For Steel and Cored Wires

OVERVIEW

FP400SW Pulse is welder friendly with its simple and intuitive interface. It provides the possibility to apply gas metal arc (MIG/MAG), argon (TIG), and coated electrode (MMA) processes in a single machine. With its durable and functional design, it can be used safely in all kinds of harsh working conditions.

The FP400SW Pulse offers an intuitive interface that highlights the settings users use most frequently. Thanks to its effortless and user-friendly interface, it is designed to reduce the need for trained welders.



KEY FEATURES

- Welder-friendly operation
- Up to 174 welding programs
- Memory capacity of 99 programs
- Advanced function table
- Spatter-free welding technique
- High welding speed, low heat input
- 4x4 wire feeder unit
- ST models offer steel and flux cored jobs
- PR models cover any material jobs
- Smart cooling
- Hose pack support
- 2 Years return to base warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

PARAMETER	VALUE
Input Voltage	400 V 3 Phase
Mains Voltage Tolerance	- 10 % / + 15 %
Minimum Welding Current	30 A
Maximum Welding Current	400 A
MIG Duty Cycle, 40°C	400 A 40%, 360 A 60%, 300 A 100%
TIG Duty Cycle, 40°C	400 A 40%, 360 A 60%, 300 A 100%
MMA Duty Cycle, 40°C	400 A 40%, 360 A 60%, 300 A 100%
Open – Circuit Voltage	63 V - 82 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Liquid Cooled, 107 kg
Standard Accessories	5m Power Cable (4 x 4mm ²)
	5m Earth Clamp (70mm ²)
	Interconnection H.P (5m)
Dimensions (W, L, H)	532mm x 974mm x 1270mm
Certification	CE

FP400S

Part Code

APT-PR-M403S

Air Cooled | PR Panel
For all Jobs

APT-ST-M403S

Air Cooled | ST Panel
For Steel and Cored Wires

OVERVIEW

FP400S Pulse is welder friendly with its simple and intuitive interface. It provides the possibility to apply gas metal arc (MIG/MAG), argon (TIG), and coated electrode (MMA) processes in a single machine. With its durable and functional design, it can be used safely in all kinds of harsh working conditions.

The FP400S Pulse offers an intuitive interface that highlights the settings users use most frequently. Thanks to its effortless and user-friendly interface, it is designed to reduce the need for trained welders.



KEY FEATURES

- Welder-friendly operation
- Up to 174 welding programs
- Memory capacity of 99 programs
- Advanced function table
- Spatter-free welding technique
- High welding speed, low heat input
- 4x4 wire feeder unit
- ST models offer steel and flux cored jobs
- PR models cover any material jobs
- Smart cooling
- Hose pack support
- 2 Years return to base warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

PARAMETER	VALUE
Input Voltage	400V 3 Phase
Mains Voltage Tolerance	- 10 % / + 15 %
Minimum Welding Current	30A
Maximum Welding Current	400A
MIG Duty Cycle, 40°C	400A 40%, 360A 60%, 300A 100%
TIG Duty Cycle, 40°C	400A 40%, 360A 60%, 300A 100%
MMA Duty Cycle, 40°C	400A 40%, 360A 60%, 300A 100%
Open – Circuit Voltage	60V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Air Cooled, 92 kg
Standard Accessories	5m Power Cable (4 x 2.5mm ²)
	5m Earth Clamp (50mm ²)
	Interconnection H.P (5m)
Dimensions (W, L, H)	532mm x 974mm x 1032mm
Certification	CE

FP500S

Part Code

APT-PR-M503S

Air Cooled | PR Panel
For all Jobs

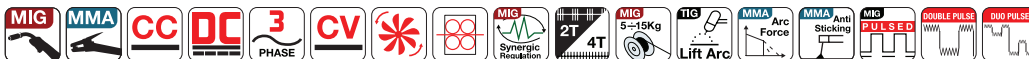
APT-ST-M503S

Air Cooled | ST Panel
For Steel and Cored Wires

OVERVIEW

FP500S Pulse is welder friendly with its simple and intuitive interface. It provides the possibility to apply gas metal arc (MIG/MAG), argon (TIG), and coated electrode (MMA) processes in a single machine. With its durable and functional design, it can be used safely in all kinds of harsh working conditions.

The FP500S Pulse offers an intuitive interface that highlights the settings users use most frequently. Thanks to its effortless and user-friendly interface, it is designed to reduce the need for trained welders.



KEY FEATURES

- Welder-friendly operation
- Up to 174 welding programs
- Memory capacity of 99 programs
- Advanced function table
- Spatter-free welding technique
- High welding speed, low heat input
- 4x4 wire feeder unit
- ST models offer steel and flux cored jobs
- PR models cover any material jobs
- Smart cooling
- Hose pack support
- 2 Years return to base warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

PARAMETER	VALUE
Input Voltage	400V
Mains Voltage Tolerance	- 10 % / + 15 %
Minimum Welding Current	30A
Maximum Welding Current	500A
MIG Duty Cycle, 40°C	500A 40%, 430A 60%, 360A 100%
TIG Duty Cycle, 40°C	500A 40%, 430A 60%, 360A 100%
MMA Duty Cycle, 40°C	500A 40%, 430A 60%, 360A 100%
Open – Circuit Voltage	60V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	92kg
Standard Accessories	5m Power Cable (4 x 4mm ²)
	5m Earth Clamp (70mm ²)
	Interconnection H.P (5m)
Dimensions (W, L, H)	532mm x 974mm x 1032mm
Certification	CE

FP500SW

Part Code

APT-PR-M503SW

Water Cooled | PR Panel
For all Jobs

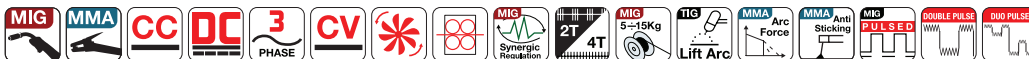
APT-ST-M503SW

Water Cooled | ST Panel
For Steel and Cored Wires

OVERVIEW

FP500SW Pulse is welder friendly with its simple and intuitive interface. It provides the possibility to apply gas metal arc (MIG/MAG), argon (TIG), and coated electrode (MMA) processes in a single machine. With its durable and functional design, it can be used safely in all kinds of harsh working conditions.

The FP500SW Pulse offers an intuitive interface that highlights the settings users use most frequently. Thanks to its effortless and user-friendly interface, it is designed to reduce the need for trained welders.



KEY FEATURES

- Welder-friendly operation
- Up to 174 welding programs
- Memory capacity of 99 programs
- Advanced function table
- Spatter-free welding technique
- High welding speed, low heat input
- 4x4 wire feeder unit
- ST models offer steel and flux cored jobs
- PR models cover any material jobs
- Smart cooling
- Hose pack support
- 2 Years return to base warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

PARAMETER	VALUE
Input Voltage	400V
Mains Voltage Tolerance	- 10 % / + 15 %
Minimum Welding Current	30A
Maximum Welding Current	500A
MIG Duty Cycle, 40°C	500A 40%, 430A 60%, 360A 100%
TIG Duty Cycle, 40°C	500A 40%, 430A 60%, 360A 100%
MMA Duty Cycle, 40°C	500A 40%, 430A 60%, 360A 100%
Open – Circuit Voltage	630V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	107kg
Standard Accessories	5m Power Cable (4 x 4mm ²)
	5m Earth Clamp (70mm ²)
	Interconnection H.P (5m)
Dimensions (W, L, H)	532mm x 974mm x 1270mm
Certification	CE



APT FORGE PULSE

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