

headu^x

2025

PRODUCT CATALOGUE

Manual Welding & Cutting
Equipments



**INSPIRED
BY POWER**

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About Headux

INNOVATIVE EXPERTS

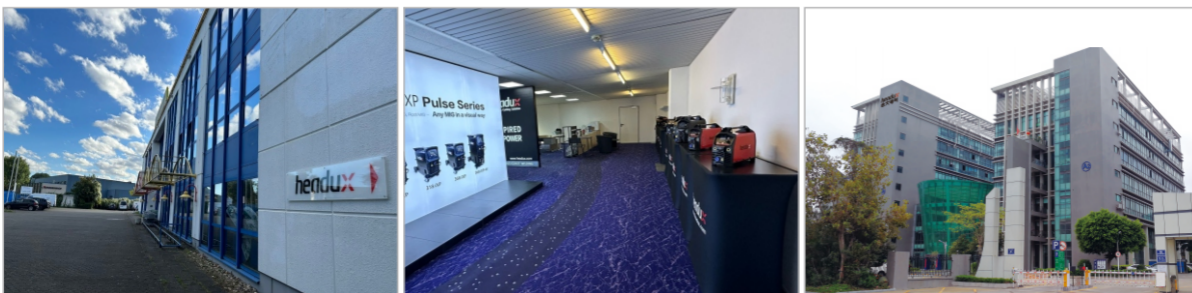
With a purpose, persistence and a burning desire for making innovative, efficient, user favorites products, our team of experts of power source, digital control, electric arc, metal materials, welding process, software, industrial engineering come together to found Headux in 2013.

MAKING BETTER WELDERS

We have been working hard to make better welding & cutting products for global users, from simple welder to intelligent series, manual to robotic application, Arc to Laser welding, step by step, we keep our partners moving forward to future.

GLOBAL LOCAL

Working with our global partners in over 40 countries, we supply high-quality products, together with local technical support, to help the users achieve perfect welding works and valuable return.



WELD-CUTTER COMBO



CMT 250

All in One Welding & Cutting System



Energy efficient



Valued Features

Unmatched Versatile Application

combines welding and cutting functions into one compact case. including MIG, Flux-Cored, HF-TIG, Lift-TIG, MMA, and Non-HF Plasma CUT, making it a truly first ever all-in-one solution for diverse applications.

Robust and Reliable Wire Drive

Equipped with a stable and powerful 4-roller wire feeding system, ensures smooth and consistent MIG welding performance, even in the most demanding conditions.

Ultra Light-weight and Portable

Designed for portability-only 15 kgs. The compact size allows you to take it anywhere, making it ideal for both workshop and on-site use.

Non-HF Plasma Cutting Ability

With low electromagnetic interference and higher safety, cut up to 15 mm mild steel, delivering robust Plasma Cutting performance with clean and precise cuts every time.

Advanced Synergic MIG Welding

The Synergic MIG welding feature simplifies setup by automatically recommending optimal welding parameters for each procedure, ensuring consistent, high-quality welds with minimal effort.

Standard HF TIG feature

Reliable HF-TIG ignition and pulse, adapt to remote TIG foot pedal and torch control, it ensures precise adjustments and adaptability for superior TIG welding results.

Memory Capability

Easily recall saved settings to streamline your workflow and get welding faster, enhancing productivity and efficiency.

Function & Process

Non-HF CUT, MIG, Flux-cored, HF-TIG, Lift-TIG, MMA

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

The Ultimate All-in-One Welding and Cutting Solution!

Experience unmatched versatility with the CMT 250, combining MIG, HF TIG, Lift TIG, MMA welding, and Non-HF Plasma Cutting in one compact machine. It is the ultimate choice for those seeking a versatile, portable, and high-performance welding and cutting solution.

Specifications

Model

CMT250

Input Voltage	1Phase~AC 230 (±15%) /50-60Hz			
Main Fuse(A)	60			
Process	CUT	MIG	TIG	MMA
Rated Input Power KVA	6.5	8.1	6.1	7.1
Rated output KVA	3.8	4.8	3.6	4.2
No-load Voltage (V)	270	72	72	72
Output Current Range(A)	20~40	30~200	10~200	10~160
Output Voltage Range(V)	88~96	15.5~24	10.4~18	20.4~26.4
Duty Cycle I _{max} (40°C)	40A@40% 25A@100%	200A@25% 100A@100%	200A@35% 118A@100%	160A@20% 72A@100%
Max Cutting Thickness	≤20mm	N/A	N/A	N/A
Rated Cutting Thickness	≤15mm			
Wire Diameter (mm)	0.6/0.8/0.9/1.0/1.2			
Efficiency	85%			
Power Factor	0.7			
Protection Iass	IP 21S			
Insulation Class	F			
Dimensions (L*W*H)	550*200*390			
Weight (Kg)	15			

Ordering Information

Standard Fittings

Headux Code

3m 25mm ² Earth Lead	A80403-001
3m 25mm ² Welding Lead	A80404-013
4m WP26 TIG Torch(included long back cup*1pcs/Alumina cup GR5/GR6/GR7/2.4/Collet body Φ 2.4mm and Collet body Φ 3.2mm)	A13301-006
3m MB24 MIG Torch(included Spanner for MIG torches)	A13303-009
4m PT40 Plasma Cutting Torch(Included site wheel*1pcs/0.8mm Nozzle*2pcs/Electrode*2pcs)	A13302-016
3m Gas Hose	A80407-005

Options & Accessories

Options & Accessories

Headux Code

Mb24 MIG Torch 4m	A13303-076
Wp26 TIG Torch 8m	A13301-031
PT40 Plasma Cutting Torch 8m	A13302-017
Spool Gun 4m	A13303-109
Spool Gun 8m	A13303-110

CMT 250 ACDC

All in One Welding & Cutting System



Valued Features



Energy efficient



Unmatched Versatile Application

Combines welding and cutting functions into one compact case. Including MIG, Flux-cored, TIG AC, TIG DC, MMA, and Non-HF Plasma CUT, making it a truly first ever all-in-one solution for diverse applications.

Robust and Reliable Wire Drive

Equipped with a stable and powerful 4-roller wire feeding system, ensures smooth and consistent MIG welding performance, even in the most demanding conditions.

Ultra Light-weight and Portable

Designed for portability-only 16 kgs. The compact size allows you to take it anywhere, making it ideal for both workshop and on-site use.

Non-HF Plasma Cutting Ability

With low electromagnetic interference and higher safety, cut up to 15 mm mild steel, delivering robust Plasma Cutting performance with clean and precise cuts every time.

Advanced Synergic MIG Welding

The Synergic MIG welding feature simplifies setup by automatically recommending optimal welding parameters for each procedure, ensuring consistent, high-quality welds with minimal effort.

Professional TIG AC/DC Pulse features

High Frequency ignition, DC Pulse, AC Balance Adjustment, and AC Frequency Adjustment, adapt to remote TIG foot pedal and torch control, it ensures precise adjustments and adaptability for superior TIG welding results.

Memory Capability

Easily recall saved settings to streamline your workflow and get welding faster, enhancing productivity and efficiency.

Function & Process

Non-HF CUT, MIG, Flux-cored, AC TIG, DC TIG, MMA

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Aluminium Trailers
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

The Ultimate All-in-One Welding and Cutting Solution!

Experience unmatched versatility with the CMT 250 ACDC, combining MIG, AC TIG, DC TIG MMA welding, and Non-HF Plasma Cutting in one compact machine. It is the ultimate choice for those seeking a versatile, portable, and high-performance welding and cutting solution.

Specifications

Model

CMT250 ACDC

Input Voltage	1Phase~AC 230 (±15%) /50-60Hz				
Main Fuse(A)	60				
Process	MIG	AC TIG	DC TIG	MMA	CUT
Rated Input Power KVA	8.1	6.1	6.1	7.1	6.5
Rated output KVA	4.8	3.6	3.6	4.2	3.8
No-load Voltage (V)	72	72	72	72	270
Output Current Range(A)	30~200	10~200	10~200	10~160	20~40
Output Voltage Range(V)	15.5~24	10.4~18	10.4~18	20.4~26.4	88~96
Duty Cycle Imax (40°C)	200A@25%	200A@30%	200A@30%	160A@35%	40A@40%
	100A@100%	110A@100%	110A@100%	95A@100%	25A@100%
Max Cutting Thickness	≤20mm				
Rated Cutting Thickness	≤15mm				
Wire Diameter (mm)	0.6/0.8/0.9/1.0/1.2				
Efficiency	85%				
Power Factor	0.7				
Protection Iass	IP 21S				
Insulation Class	F				
Dimensions (L*W*H)	550*200*390				
Weight (Kg)	16				

Ordering Information

Standard Fittings

Headux Code

3m 25mm ² Earth Lead	A80403-001
3m 25mm ² Welding Lead	A80404-013
4m WP26 TIG Torch(included long back cup*1pcs/Alumina cup GR5 GR6 GR7*1pcs/Collet body Φ 2.4mm and Collet body Φ 3.2mm)	A13301-006
3m MB24 MIG Torch(included Spanner for MIG torches)	A13303-089
4m PT40 Plasma Cutting Torch (Included site wheel*1pcs/0.8mm Nozzle*2pcs/Electrode*2pcs)	A13302-016
3m Gas Hose	A80407-005

Options & Accessories

Options & Accessories

Headux Code

MB24 MIG Torch 4m	A13303-076
WP26 TIG Torch 8m	A13301-031
PT40 Plasma Cutting Torch 8m	A13302-017
Spool Gun 4m	A13303-109
Spool Gun 8m	A13303-110

MIG & MULTI PROCESS WELDERS



TitanMig 218 XP, 218 iXP

All Purpose Fast Pulse Welding machine



Energy efficient



TitanMig 218 iXP

The TitanMig 218 XP/218 iXP is a new generation, high-performance welding machine that combines Double Pulse MIG, Single Pulse MIG, Fast MIG, DC MIG, TIG, and MMA processes in a lightweight design. With its large graphical interface, intuitive set up easy operation, make it the fastest way for even beginner to finish the pulse and expert welding works efficiently. It effortlessly welds mild steel, stainless steel, aluminum, and flux-cored wires, making it the most user-friendly and powerful portable trully all-purpose welding machine.

Valued Feaatures

- Professional multi-process welding: Double Pulse MIG, Single Pulse MIG, Fast MIG, DC MIG, TIG, and Stick.
- Robust and Reliable 2-roller(218XP) or 4-roller(218iXP) wire feeding system, ensures high welding performance, even in the most demanding conditions.
- Intuitve set up, the fasted way to start the pulse welding works.
- LCD interface with user-friendly visual welding settings.
- All purpose welding application, compatible with Fe, Ss, Al, Cu and FcW wires;
- Flexible spool change, 1 kg and 5 kg spools.
- Precise weld quality and reliable arc ignition.
- Extremely portable, weighing only 13 kg.
- Way to the fast: built in valued added fast Pulse and DC MIG programs, make your welding works much more productivity.
- Low spatter, lower heat input and precise control make it advantage on the thin plate.

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Aluminium Trailers
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model	TitanMig 218 XP			TitanMig 218 iXP					
Input Voltage	1Phase~AC 230 (±15%) /50-60Hz			1Phase~AC 110V (±15%)/ 50-60Hz			1Phase~AC 230V (±15%)/ 50-60Hz		
Main Fuse(A)	60						40		
ProcessRated	MIG	TIG	MMA	MIG	TIG	MMA	MIG	TIG	MMA
Input Power KVA	8.1	6.1	7.7	2.3	1.4	2.4	5.7	3.4	5.4
Rated output KVA	4.8	3.6	4.6	1.9	1.1	2	4.8	2.9	4.6
No-load Voltage (V)	72	72	72	72	72	72	72	72	72
Current Adjustment Range (A)	30~200	10~200	10~170	30~100	10~85	10~85	30~200	10~170	10~170
Voltage Adjustment Range (V)	15.5~24	10.4~18	20.4~26.8	15.5~19	10.4~13.4	20.4~23.4	15.5~24	10.4~16.8	20.4~26.8
Wire Diameter (mm)	0.6/0.8/0.9/1.0			0.6/0.8/0.9/1.0			0.6/0.8/0.9/1.0		
Duty Cycle I _{max} (40°C)	20%	35%	20%	25%	35%	20%	25%	35%	20%
Duty cycle 100% (40°C)	89A	118A	76A	50A	50A	38A	100A	100A	76A
Duty cycle 60% (40°C)	115A	152A	98A	65A	65A	49A	129A	129A	98A
Efficiency	85%						85%		
Power Factor	0.7						0.99		
Protection Class	IP21S						IP21S		
Insulation Class	F						F		
Dimensions (L*W*H)	550x195x375						550x195x375		
Weight (Kg)	13						14		

Ordering Information

Standard Fittings

Headux Code

3m MX24 MIG Torch with HEADUX LOGO(Spanner*1pcs)	A13303-089
3m 25mm ² Earth Lead	A80403-001
3m Gas Hose	A80407-005
Liner 3.9m For Aluminum Wire	A13310-300
1.2a Contact Tip, M6*28	A13309-019
Feed Roller For 1.0 And 1.2 Aluminum Wire (u-groove)	A13502-030
Graphite Wire Inlet Guide	A13502-068

Options & Accessories

Options & Accessories

Headux Code

TIG 26 Torch With Gas Valve 4m	A13301-006
TIG 26 Torch With Gas Valve 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 25mm ² Welding Lead (200A Electrode Holder)	A80404-013

TitanMig 238 iXP

All Purpose Fast Pulse Welding machine



Energy efficient



The TitanMig 238 XP is a new generation, high-performance welding machine that combines Double Pulse MIG, Single Pulse MIG, Fast MIG, DC MIG, TIG, and MMA processes in a lightweight design. With its large graphical interface, intuitive set up easy operation, make it the fastest way for even beginner to finish the pulse and expert welding works efficiently. It effortlessly welds mild steel, stainless steel, aluminum, and flux-cored wires, making it the most user-friendly and powerful portable trully all-purpose welding machine.

Valued Feautures

- Professional multi-process welding: Double Pulse MIG, Single Pulse MIG, Fast MIG, DC MIG, TIG, and Stick.
- Robust and Reliable 4-roller wire feeding system, ensures high welding performance, even in the most demanding conditions.
- Intuitve set up, the fasted way to start the pulse welding works.
- LCD interface with user-friendly visual welding settings.
- All purpose welding application, compatible with Fe, Ss, Al, Cu and FcW wires.
- Flexible spool change, 5 kg(Optional) and 15 kg spools.
- Precise weld quality and reliable arc ignition.
- Extremely portable, weighing only 15 kg.
- Way to the fast: built in valued added fast Pulse and DC MIG programs, make your welding works much more productivity.
- Low spatter, lower heat input and precise control make it advantage on the thin plate.

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Aluminium Trailers
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model

TitanMig 238 iXP

Input Voltage	1Phase~AC 110V (±15%)/ 50-60Hz			1Phase~AC 230V(±15%)/ 50-60Hz		
Main Fuse(A)	50					
ProcessRated	MIG	TIG	MMA	MIG	TIG	MMA
Input Power KVA	2.6	1.7	2.8	6.8	4.3	6.6
Rated output KVA	2.1	1.4	2.4	5.7	3.6	5.6
No-load Voltage (V)	72	72	72	72	72	72
Current Adjustment Range (A)	30~110	10~100	10~100	30~225	10~200	10~200
Voltage Adjustment Range (V)	15.5~19.5	10.4~14	20.4~24	15.5~25.3	10.4~18	20.4~28
Wire Diameter (mm)	35%	40%	25%	25%	30%	20%
Duty Cycle I _{max} (40°C)	65A	63A	50A	112A	109A	89A
Duty cycle 100% (40°C)	84A	82A	65A	145A	141A	115A
Duty cycle 60% (40°C)	0.6/0.8/0.9/1.0					
Efficiency	85%					
Power Factor	0.99					
Protection Class	IP21S					
Insulation Class	F					
Dimensions (L*W*H)	610x210x420					
Weight (Kg)	15					

Ordering Information

Standard Fittings

Headux Code

3m MX24 MIG Torch(included Spanner for MIG torches)	A13303-089
3m 25mm ² Earth Lead(300A Earth Clamp)	A80403-001
3m Gas Hose	A80407-005
1.2a Contact Tip,m6*28	A13309-019
Graphite Wire Inlet Guide	A13502-068
Liner 3.9 M For Aluminium Wire	A13310-300
Feed Roller For 1.0- 1.2 (u-groove)*2pcs	A13502-030

Options & Accessories

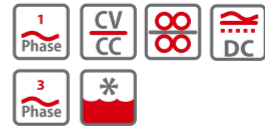
Options & Accessories

Headux Code

TIG 26 Torch With Gas Valve 4m	A13301-006
TIG 26 Torch With Gas Valve 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 25mm ² Welding Lead (200A Electrode Holder)	A80404-013

TitanMig 268, 318, 368 iXP, TitanMig 368iXP-W

All Purpose Fast Pulse Welding machine

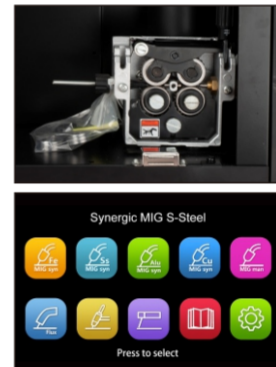


TitanMig 368 iXP-W

TitanMig 368 iXP
TitanMig 318 iXP

TitanMig 268 iXP

The TitanMig TitanMig 268/318/368 iXP is a new generation, high-performance welding machine that combines Double Pulse MIG, Single Pulse MIG, Fast MIG, DC MIG, TIG, and MMA processes in a robust and compact design. With its large graphical interface, intuitive set up easy operation, make it the fastest way for even beginner to finish the pulse and expert welding works efficiently. It effortlessly welds mild steel, stainless steel, aluminum, and flux-cored wires, making it the most user-friendly, powerful and trully all-purpose welding machine.



Valued Feautures

- Professional multi-process welding: Double Pulse MIG, Single Pulse MIG, Fast MIG, DC MIG, TIG, and Stick
- Robust and Reliable 4-roller wire feeding system, ensures high welding performance, even in the most demanding conditions.
- Intuitive set up, the fasted way to start the pulse welding works
- LCD interface with user-friendly visual welding settings
- All purpose welding application, compatible with Fe, Ss, Al, Cu and FcW wires;
- 15 kg spools
- Precise weld quality and reliable arc ignition
- Way to the fast: built in valued added fast Pulse and DC MIG programs, make your welding works much more productivity.
- Low spatter, lower heat input and precise control make it advantage on the thin plate.

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Aluminium Trailers
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model	TitanMig 268 iXP		TitanMig 318 iXP		TitanMig 368 iXP		TitanMig 368 iXP-W	
Input Voltage	1Phase~AC 230 (±15%) /50-60Hz		3 Phases ~AC 400V (±15%)/ 50-60Hz		3 Phases ~AC 400V (±15%)/ 50-60Hz		3 Phases ~AC 400V (±15%)/ 50-60Hz	
Main fuse(A)	70		40		40		40	
Process	MIG	MMA	MIG	MMA	MIG	MMA	MIG	MMA
Rated Input Power KVA	11.1	12.6	11	12.1	13.9	15.1	13.9	15.1
Rated output KVA	6.6	7.5	8.7	9.6	11	11.9	11	11.9
No-load voltage (V)	50		70		70		70	
Current range (A)	50 ~ 250	10 ~ 250	50~300	10~300	50 ~ 350	10 ~ 350	50 ~ 350	10 ~ 350
Voltage range (V)	16.5 ~26.5	20.4 ~30	16.5~29	20.4~32	16.5 ~ 31.5	20.4 ~ 34	16.5 ~31.5	20.4 ~ 34
Wire feed speed range(m/min)	1.5 ~16		1.5 ~16		1.5~16		1.5~16	
Electrode diameter applicable (mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2	
Duty cycle I _{max} (40°C)	40%		60%		60%		60%	
Duty cycle 100% (40°C)	158A		232A		271A		271A	
Duty cycle 60% (40°C)	204A		300A		350A		350A	
Wire Diameter (mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2	
Efficiency	85%		85%		85%		85%	
Power factor	0.7		0.93		0.93		0.93	
Protection class	IP21S		IP21S		IP21S		IP21S	
Insulation class	F		F		F		F	
Dimensions (L*W*H)	975x416x720		975x416x980		975x416x980		975x416x980	
Weight (Kg)	46.5		54.5		55.5		62.5	

Ordering Information

Standard Fittings (TitanMig 268 iXP)

Headux Code

3m MX24 MIG Torch With Headux Logo(Spanner*1pcs)	A13303-009
3m 25mm ² Earth Lead (300a Earth Clamp)	A80403-001
3m Gas Hose	A80407-011
1.2a Contact Tip, M6*28	A13309-019
Graphite Wire Inlet Guide	A13502-068
Liner 3.9 M For Aluminum Wire	A13310-300
Feed Roller For 1.0- 1.2 (u-groove)*2pcs	A13502-030
Up Feed Roller (SSJ-15) DC24V	A13502-096

Options & Accessories

Options & Accessories (TitanMig 268 iXP)

Headux Code

TIG Torch 4m	A13301-006
TIG Torch 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 25mm ² Welding Lead (200A Electrode Holder)	A80404-013

Ordering Information

Standard Fittings (TitanMig 318/368 iXP)

	Headux Code
3m MX36 Torch With HEADUX LOGO(Spanner*1pcs)	A13303-090
3m 50mm ² Earth Lead (500a Earth Clamp)	A80403-006
3m Gas Hose	A80407-011
1.2a Contact Tip, M6*28	A13309-019
Graphite Wire Inlet Guide	A13502-068
Liner 3.9 M For Aluminum Wire	A13310-301
Feed Roller For 1.0- 1.2 (u-groove)*2pcs	A13502-030
Up Feed Roller (SSJ-15)DC24V	A13502-096

Options & Accessories

Options & Accessories (TitanMig 318/368 iXP)

	Headux Code
TIG Torch 4m	A13301-006
TIG Torch 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 50mm ² Welding Lead (500A Electrode Holder)	A80404-012

Ordering Information

Standard Fittings (TitanMig 368 iXP-W)

	Headux Code
MIG 501D Water Cooled Torch 3m	A13303-094
3m 50mm ² Earth Lead (500a Earth Clamp)	A80403-006
3m Gas Hose	A80407-011
1.2A contact tip,M8*30	A13309-037
Graphite Wire Inlet Guide	A13502-068
Liner For Aluminum Wire	A13310-311
Feed Roller For 1.0- 1.2 (u-groove)*2pcs	A13502-030
Up Feed Roller	A13502-096

Options & Accessories

Options & Accessories (TitanMig 368 iXP-W)

	Headux Code
TIG Torch 4m	A13301-006
TIG Torch 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3M 50MM2 welding lead(500A Electrode holder)	A80404-012

TitanMig 518 iXP

All Purpose Fast Pulse Welding machine



TitanMig 518 iXP(Water Cooling)



Energy efficient



The TitanMig 518 iXP is a new-generation, high-performance welding machine that integrates Double Pulse MIG, Single Pulse MIG, Fast MIG, DC MIG, TIG, and MMA processes into a robust design. Featuring a large graphical interface on the feeder combined with intuitive setup and easy operation, this system provides the fastest way for even beginners to complete both pulse welding tasks and expert-level operations efficiently. Capable of effortlessly welding mild steel, stainless steel, aluminum, and flux-cored wires, it stands out as the most user-friendly, powerful, productive, and truly all-purpose welding machine available.

Valued Features

- Professional Multi Process –Double Pulse MIG, Pulse MIG, FastMIG, MIG, TIG, Stick
- Choose either Synergic or Manual model
- LCD interface, easy-to-use visual welding settings
- Use Fe, Ss, Al, FCW wires, 15 kg spools
- Precise weld quality and arc ignition
- Integrated trolley with cylinder holder
- program upgradable via cable or wireless
- Job/welding parameters setting save and load
- Integrated water cooler
- Remote wirefeeder with fully control panel.

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Aluminium Trailers
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model

TitanMig 518 iXP

Input voltage	3 Phases ~AC 400V (±15%)/ 50-60Hz	
Main Fuse(A)	60	
Process	MIG	MMA
Rated Input Power KVA	24.7	25.3
Rated output KVA	19.5	20
No-load Voltage(V)	88	
Current Adjustment Range (A)	50~500	20~500
Voltage Adjustment Range(V)	16.5~39	20.8~40
Wire feed speed range(m/min)	1.5~18	
Electrode diameter applicable (mm)	1.0/1.2/1.6	
Duty cycle I _{max} (40°C)	60%	
Duty cycle 100%(40°C)	385A	
Duty cycle 60%(40°C)	500A	
Wire Diameter (mm)	0.6/0.8/1.0/1.2/1.6	
Efficiency	85%	
Power Factor	0.93	
Protection class	IP21S	
Insulation class	F	
Dimensions (L*W*H)	975*425*980	
Weight (Kg)	70.6	

Ordering Information

Standard Fittings

Headux Code

3m MX36 Torch With HEADUX LOGO(Spanner*1pcs)	A13303-090
3m 70mm ² Earth Lead (500A Earth Clamp)	A80403-078
Water Cooled Interconnection Cable (5M)	A80406-120
1.2A Contact Tip, M6*28	A13309-019
Graphite Wire Inlet Guide	A13502-068
Liner 3.9 M For Aluminum Wire	A13310-301
Feed Roller For 1.2- 1.6 (u-groove)*4pcs	A13502-031
Feed Roller For 1.2- 1.6 (v-groove)*2pcs	A13502-105

Options & Accessories

Options & Accessories

Headux Code

Water Cooler Unit	A91001-940
MIG 501D Water Cooled Torch 3m	A13303-094
TIG26 Torch 4M	A13301-006
TIG26 Torch 8M	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 70mm ² Welding Lead (500A Electrode Holder)	A80404-025
1.2A contact tip,M8*30	A13309-037

TitanMig130 Syn

DIY for everyone



Main Features

- Gasless MIG & MMA, Shield Gas Welding
- Single Knob Control
- Integrated Wire Feed Units -1kg spools
- Creep Start

TitanMig 130 are the most modern, easy-to-use small inverter MIG Welder. It provides accurate adjustment of the welding parameters reducing the amount of time wasted in the guessing settings!

We have specially configured this machine to be able to produce great welding results from domestic household power.

TitanMig 130 machine is ideal for people who want to do light fabrication, car repairs, automotive restorations, maintenance and repairs or DIY around the home, workshop, worksite, or farm, without compromising on quality or safety.



Technical Specifications

Model/Item	TitanMig 130 Syn
Input Power Voltage (V)	AC230V±15% 50/60HZ
Rated Power Capacity (KVA)	5.7
Current Adjustment Range (A)	10~130
Voltage Adjustment Range (V)	15.5~21
No-load Voltage (V)	55
Welding Wire Diameter (mm)	0.6/0.8/0.9/1.0
Duty Cycle I _{max} (40°C)	30%
Duty cycle 100% (40°C)	71A
Duty cycle 60% (40°C)	92A
Efficiency (%)	85
Power Factor	0.7
Protection Class	Ip21
Insulation Class	F
Noises (db)	<70
Size (mm) with Handle	365x135x277
Weight (Kg)	7.5

TitanMig 160/180 Syn Pro

TitanMig 180 Syn Pro PFC



Energy efficient



TitanMig 160/180 are the most modern, easy-to-use small inverter MIG Welder. It provides accurate adjustment of the welding parameters reducing the amount of time wasted in the guessing settings!

We have specially configured this machine to be able to produce great welding results from domestic household power.

TitanMig 160/180 machine is ideal for people who want to do light fabrication, car repairs, automotive restorations, maintenance and repairs or DIY around the home, workshop, worksite, or farm, without compromising on quality or safety.

Valued Features

- Gasless MIG & MMA, Shield Gas Welding
- Single Knob Control
- Integrated Wire Feed Units -1kgs/5kgs spools
- Creep Start

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model	TitanMig 160 Syn Pro						TitanMig 180 Syn Pro						TitanMig 180 Syn Pro PFC		
Input Voltage	1Phase~AC 230(±15%) /50-60Hz						1Phase~AC 110V (±15%)/ 50-60Hz						1Phase~AC 230V (±15%)/ 50-60Hz		
Main Fuse(A)	50						50						50		
ProcessRated	MIG	TIG	MMA	MIG	TIG	MMA	MIG	TIG	MMA	MIG	TIG	MMA	MIG	TIG	MMA
Input Power KVA	5.9	4.4	6	7	5.2	7.1	2.6	1.9	3.2	4.9	3.7	5			
Rated output KVA	3.5	2.6	3.6	4.1	3.1	4.2	2.1	1.6	2.7	4.1	3.1	4.2			
No-load Voltage (V)	54	54	54	72	72	72	62	62	62	62	62	62			
Current Adjustment Range (A)	30~160	10~160	10~140	30~180	10~180	10~160	30~110	10~110	10~110	30~180	10~180	10~160			
Voltage Adjustment Range (V)	15.5~22	10.4~16.4	20.4~25.6	15.5~23	10.4~17.2	20.4~26.4	15.5~19.5	10.4~14.4	20.4~24.4	15.5~23	10.4~17.2	20.4~26.4			
Wire Diameter (mm)	30%						30%						30%		
Duty Cycle Imax (40°C)	88A	88A	77A	99A	99A	88A	60A						99A	99A	88A
Duty cycle 100% (40°C)	114A	114A	99A	128A	128A	114A	77A						128A	128A	114A
Duty cycle 60% (40°C)	0.6/0.8/0.9/1.0						0.6/0.8/0.9/1.0						0.6/0.8/0.9/1.0		
Efficiency	85						85						85		
Power Factor	0.7						0.7						0.99		
Protection Class	IP21S						IP21S						IP21S		
Insulation Class	F						F						F		
Dimensions (L*W*H)	450*200*380						520*200*380						520*200*380		
Weight (Kg)	10.8						11.3						12.5		

Ordering Information

Standard Fittings

Headux Code

3m MB15 MIG Torch(included Spanner For Mig Torches)	A13303-012
3m 16mm ² Earth Lead(300A Earth Clamp)	A80403-003
3m Gas Hose	A80407-005

Options & Accessories

Options & Accessories

Headux Code

TIG 26 Torch With Gas Valve 4m	A13301-006
TIG 26 Torch With Gas Valve 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 16mm ² Welding Lead	A80404-008

TitanMig 188, 195, 225



TitanMig 188/195/ 225 combines finest MIG/MAG welding performance into their portable, compact size, delivering their welding power at 25 % duty cycle from 1-phase mains supply. TitanMig delivers premium results wherever your work takes you.

Valued Features

- MIG/MMA
- Stable arc and reliable performance Suitable for 0.6 to 1.0mm wires
- Burn back control
- Precise welding quality and arc ignition
- Use with Fe, FeFCW, Ss, Al, CuSi filler wires,
- 1kgs/5kgs spools
- 3 meter torch, cable set
- Suitable for mains network or generator use

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model	TitanMig 188		TitanMig 195		TitanMig225	
Input Voltage	1Phase~AC 230(±15%) /50-60Hz					
Main Fuse(A)	50		50		50	
ProcessRated	MIG	MMA	MIG	MMA	MIG	MMA
Input Power KVA	7	7.1	7.8	7.1	9.6	9.4
Rated output KVA	4.1	4.2	4.6	4.2	5.7	5.6
No-load Voltage (V)	50	50	50	50	50	50
Current Adjustment Range (A)	30~180	10~160	30~195	10~160	30~225	10~200
Voltage Adjustment Range (V)	15.5~23	20.4~26.4	15.5~23.8	20.4~26.4	15.5~25.3	20.4~28
Wire Diameter (mm)	25%	25%	25 %	25%	30 %	30 %
Duty Cycle Imax (40°C)	90A	80A	98A	80A	123A	110A
Duty cycle 100% (40°C)	116A	103A	126A	103A	159A	141A
Duty cycle 60% (40°C)	0.6/0.8/0.9/1.0		0.6/0.8/0.9/1.0		0.6/0.8/0.9/1.0	
Efficiency	85		85		85	
Power Factor	0.7		0.7		0.7	
Protection Class	IP21S		IP21S		IP21S	
Insulation Class	F		F		F	
Dimensions (L*W*H)	450*200*380		450*200*380		450*200*380	
Weight (Kg)	11.5		11.9		12	

Ordering Information

Standard Fittings	Headux Code
3m MX 24 MIG Torch(included Spanner For Mig Torches)	A13303-089
3m 25mm ² Earth Lead(300A Earth Clamp)	A80403-001
3m Gas Hose	A80407-005

Options & Accessories

Options & Accessories	Headux Code
TIG 26 Torch 4m	A13301-006
TIG 26 Torch 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 25mm ² Welding Lead (200A Electrode Holder)	A80404-013

TitanMig 195 Syn, 225 Syn



Why TitanMig 195/225 Syn

TitanMig195/225Syn combines finest MIG/MAG welding performance into their portable, compact size. Choose from either 225 A or 195 A models, delivering their welding power at 25 % duty cycle from 1-phase mains supply. TitanMig delivers premium results wherever your work takes you.

TitanMig 195/225 Syn features Synergic Set welding with four Synergic Mild Steel welding programs for 0.8mm and 1.0(0.9) solid welding wires designed for ease of use with your selected gas mixture.

Valued Features

- MIG/MMA /TIG
- Choose either Manual or Synergic model
- Stable arc and reliable performance
- Suitable for 0.6 to 1.0mm wires
- Burn back control
- Precise welding quality and arc ignition
- Use with Fe,FeFCW,Ss,Al,CuSi filler wires,
- 1kgs/5kgs spools for TitanMig 195/225 Syn
- 3 meter torch,cable set
- Suitable for mains network or generator use
- Synergic programs for 0.8 / 1.0 or 0.8/0.9 Mild Steel(195/225 Syn)

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model	TitanMig 195 Syn		TitanMig 225 Syn	
Input Voltage	1Phase~AC 230(±15%) /50-60Hz			
Main Fuse(A)	50		50	
ProcessRated	MIG	MMA	MIG	MMA
Input Power KVA	7.8	7.1	9.6	9.4
Rated output KVA	4.6	4.2	5.7	5.6
No-load Voltage (V)	50	50	50	50
Current Adjustment Range (A)	30~195	10~160	30~225	10~200
Voltage Adjustment Range (V)	15.5~23.8	20.4~26.4	15.5~25.3	20.4~28
Wire Diameter (mm)	25 %	25%	30 %	30 %
Duty Cycle I _{max} (40°C)	98A	80A	123A	110A
Duty cycle 100% (40°C)	126A	103A	159A	141A
Duty cycle 60% (40°C)	0.6/0.8/0.9/1.0		0.6/0.8/0.9/1.0	
Efficiency	85		85	
Power Factor	0.7		0.7	
Protection Class	IP21S		IP21S	
Insulation Class	F		F	
Dimensions (L*W*H)	580*200*380		580*200*380	
Weight (Kg)	13.2		13.9	

Ordering Information

Standard Fittings	Headux Code
3m MX 24 MIG Torch(included Spanner For Mig Torches)	A13303-089
3m 25mm ² Earth Lead(300A Earth Clamp)	A80403-001
3m Gas Hose	A80407-005

Options & Accessories

Options & Accessories	Headux Code
TIG 26 Torch 4m	A13301-006
TIG 26 Torch 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 25mm ² Welding Lead (200A Electrode Holder)	A80404-013

TitanMig 225 Syn PFC



TitanMig225 Syn PFC combines finest MIG/MAG welding performance into their portable, compact size, delivering their welding power at 25% duty cycle from 1-phase mains supply. TitanMig delivers premium results wherever your work takes you.

TitanMig225 Syn PFC features Synergic Set welding with four Synergic Mild Steel welding programs for 0.8mm and 1.0(0.9) solid welding wires designed for ease of use with your selected gas mixture.

Valued Features

- MIG/MMA /TIG
- Choose either Manual or Synergic model
- Stable arc and reliable performance
- Suitable for 0.6 to 1.0mm wires
- Burn back control
- Precise welding quality and arc ignition
- Use with Fe,FeFCW,Ss,Al,CuSi filler wires,
- 1kgs/5kgs spools for TitanMig 225 Syn PFC
- 3 meter torch,cable set
- Suitable for mains network or generator use
- Synergic programs for 0.8 / 1.0 or 0.8/0.9 Mild Steel

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model

TitanMig 225 Syn PFC

Input Voltage	1Phase~AC 110V (±15%)/ 50-60HZ			1Phase~AC 230V (±15%)/ 50-60HZ		
Main Fuse(A)	60					
ProcessRated	MIG	TIG	MMA	MIG	TIG	MMA
Input Power KVA	2.9	2.1	3.5	6.8	5.1	7.8
Rated output KVA	2.4	1.8	3	5.7	4.3	6.5
No-load Voltage (V)	72	72	72	72	72	72
Current Adjustment Range (A)	30~120	10~120	10~120	30~225	10~225	10~225
Voltage Adjustment Range (V)	15.5~20	10.4~14.8	20.4~24.8	15.5~25.3	10.4~19	20.4~29
Wire Diameter (mm)	35%	40%	25%	25%	30%	20%
Duty Cycle Imax (40℃)	71A	76A	60A	112A	123A	100A
Duty cycle 100% (40℃)	92A	98A	78A	145A	159A	129A
Duty cycle 60% (40℃)	0.6/0.8/0.9/1.0					
Efficiency	85					
Power Factor	0.99					
Protection Class	IP21S					
Insulation Class	F					
Dimensions (L*W*H)	580*200*380					
Weight (Kg)	14					

Ordering Information

Standard Fittings

Headux Code

3m MX 24 MIG Torch(included Spanner for MIG torches)	A13303-089
3m 25mm ² Earth lead(300A Earth clamp)	A80403-001
3m Gas Hose	A80407-009

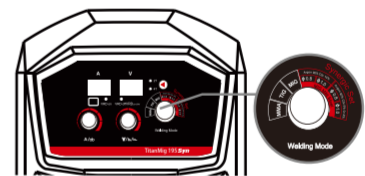
Options & Accessories

Options & Accessories

Headux Code

TIG 26 Torch 4m	A13301-006
TIG 26 Torch 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 25mm ² Welding Lead (200A Electrode Holder)	A80404-013

TitanMig 235 Syn PFC



TitanMig235 Syn PFC combines finest MIG/MAG welding performance into their portable, compact size, delivering their welding power at 25% duty cycle from 1-phase mains supply. TitanMig delivers premium results wherever your work takes you.

TitanMig235 Syn PFC features Synergic Set welding with four Synergic Mild Steel welding programs for 0.8mm and 1.0(0.9) solid welding wires designed for ease of use with your selected gas mixture.

Valued Features

- MIG/MMA /TIG
- Choose either Manual or Synergic model
- Stable arc and reliable performance
- Suitable for 0.6 to 1.0mm wires
- Burn back control
- Precise welding quality and arc ignition
- Use with Fe,FeFCW,Ss,Al,CuSi filler wires,
- 15kgs spools for TitanMig 235 Syn PFC
- 3 meter torch,cable set
- Suitable for mains network or generator use
- Synergic programs for 0.8 / 1.0 or 0.8/0.9 Mild Steel

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model

TitanMig 235 Syn PFC

Input Voltage	1Phase~AC 110V (±15%)/ 50-60HZ			1Phase~AC 230V (±15%)/ 50-60HZ		
Main Fuse(A)	60					
ProcessRated	MIG	TIG	MMA	MIG	TIG	MMA
Input Power KVA	2.9	2.1	3.5	7.2	5.1	7.8
Rated output KVA	2.4	1.8	3	6.1	4.3	6.5
No-load Voltage (V)	72	72	72	72	72	72
Current Adjustment Range (A)	30~120	10~120	10~120	30~235	10~225	10~225
Voltage Adjustment Range (V)	15.5~20	10.4~14.8	20.4~24.8	15.5~25.8	10.4~119	20.4~29
Wire Diameter (mm)	35%	40%	25%	25%	30%	20%
Duty Cycle Imax (40°C)	71A	76A	60A	117A	123A	100A
Duty cycle 100% (40°C)	92A	98A	77A	151A	159A	78A
Duty cycle 60% (40°C)	0.6/0.8/0.9/1.0					
Efficiency	85					
Power Factor	0.99					
Protection Class	IP21S					
Insulation Class	F					
Dimensions (L*W*H)	320*370*420					
Weight (Kg)	15					

Ordering Information

Standard Fittings

Headux Code

3m MX 24 MIG Torch(included Spanner for MIG torches)	A13303-089
3m 25mm ² Earth Lead(300A Earth clamp)	A80403-001
3m Gas Hose	A80407-009

Options & Accessories

Options & Accessories

Headux Code

TIG 26 Torch 4m	A13301-006
TIG 26 Torch 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 25mm ² Welding Lead (200A Electrode Holder)	A80404-013

TitanMig 250MC,350 MC

Multi Process- Combine cost advantage, mobile and excellent performance



TitanMig 250/350 MC is professional multi-process welding machine but easy to move. It has excellent welding performance for a multitude of welding tasks. The TitanMig 250/350MC are designed for demanding professional use in Steels, Stainless, Cast Iron, Bronze, Aluminum.

With an integrated 4 roll gear driven wire feeder and unique control mode, TitanMig 250/350MC provides excellent reliability with a high duty cycle. It's precise control of voltage and wire speed allows arc tuning during the weld process, Excellent arc ignition assisted by burn back time technology guarantee satisfaction.

Valued Features

- Multi Process- Mig/Tig/MMA
- Basic MIG/MAG model
- Innovative IGBT Inverter Technology
- Excellent arc stability for MIG/TIG/MMA welding
- Minimal spatters
- 4-roll wire drive system
- Maximum output at 40 % duty cycle
- Spool gun interface

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

Specifications

Model	TitanMig 250MC		TitanMig 350MC	
Input Voltage	1Phase~AC 230V (±15%)/ 50-60HZ		3Phase~AC 400V (±15%)/ 50-60HZ	
Main Fuse(A)	40		40	
Process	MIG	MMA	MIG	MMA
Rated KVA	11.1	12.6	13.9	15.1
Rated Output KVA	6.6	7.5	11	11.9
No-load Voltage (V)	50	50	70	70
Current Adjustment Range (A)	50~250	10~250	50~350	10~350
Voltage Adjustment Range (V)	16.5~26.5	20.4~30	16.5~31.5	20.4~34
Wire feed speed range(m/min)	1.5~ 18		1.5~ 18	
Electrode diameter applicable(mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2	
Duty cycle I _{max} (40°C)	40%		60%	
Duty cycle 100%(40°C)	158A		271A	
Duty cycle 60%(40°C)	194A		350A	
Wire Diameter (mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2	
Efficiency(%)	85		85	
Power Factor	0.7		0.93	
Protection Class	IP21S		IP21S	
Insulation Class	F		F	
Dimensions (L*W*H)	975*416*720		975*416*720	
Weight (Kg)	52		67.52	

Ordering Information

Standard fittings (TitanMig 250MC)

Headux Code

3m MX24 MIG Torch(Included Spanner For MIG torches)	A13303-089
3m 25mm ² Earth Lead(300A Earth clamp)	A80403-001
3m Gas Hose	A80407-009

Standard fittings (TitanMig 350MC)

Headux Code

3m MX36 MIG Torch(Included Spanner For MIG Torches)	A13303-090
3m 50mm ² Earth Lead(500A Earth Clamp)	A80403-006
3m Gas Hose	A80407-009

Options & Accessories

Options & Accessories

Headux Code

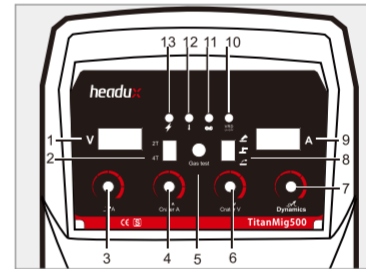
TIG 26 Torch 4m	A13301-006
TIG 26 Torch 8m	A13301-031
Spool Gun 4m	A13303-081
Spool Gun 8m	A13303-095
3m 25mm ² Welding Lead (200A Electrode Holder)-(TitanMig 250MC)	A80404-013
3m 50mm ² welding Lead (200A Electrode Holder)- (TitanMig 350MC)	A80404-012

TitanMig 250,350,500

All in one: Flexible, Quality and Value Price



- 1) Voltage Meter
- 2) 2T/4T Switch
- 3) MMA Current Knob
- 4) Crater Fill Current Knob
- 5) Gas Test Button
- 6) Crater Fill Voltage Knob
- 7) Arc Dynamics Adjust Knob
- 8) MMA/TIG/MIG Switch
- 9) Current Meter
- 10) VRD Indicator Light
- 11) Over Current Indicator Light
- 12) Thermal Overload Indicator Light
- 13) Power Indicator Light



The TitanMig 250/350/500 offers perfect welding power for basic MIG/MAG welding in light and medium heavy industry. The selection of three power sources, wire feeder and other product options allows creating suitable welding equipment combinations for various needs.

With its durable and lightweight construction TitanMig makes an ideal companion for demanding welding conditions, and its stepless control and digital display put ease of use and the expert experience of welding within the reach of every workshop.

Valued Features

- MIG/Flux-Cored /MMA/Lift Arc TIG Inverter
- Digital amp and voltmeter
- Precise electronic control
- Burn back control & wire inching
- Suitable for 0.6, 0.8, 1.0 and 1.2mm wire
- 2T/4T MMA function
- Power & status LED
- Gas check function
- Variable inductance
- V.R.D safe for MMA and TIG
- Long distance welding up to 50 meters

Applications

- Metal fabrication workshops
- Steel structure workshops
- Shipyards and offshore industry
- Repair and maintenance

Specifications

Model	TitanMig 250		TitanMig 350		TitanMig 500	
Input Voltage	1Phase~AC 230V (±15%)/ 50-60HZ		3Phase~AC 400V (±15%)/ 50-60HZ			
Main Fuse(A)	60		40		40	
Process	MIG	MMA	MIG	MMA	MIG	MMA
Rated KVA	11.1	12.6	13.9	15.1	24.7	25.3
Rated Output KVA	5.7	5.6	11	11.9	19.5	20
No-load Voltage (V)	50	50	70	70	75	75
Current Adjustment Range (A)	50~250	10~250	50~350	10~350	50~500	20~500
Voltage Adjustment Range (V)	16.5~26.5	20.4~30	16.5~31.5	20.4~34	16.5~39	20.8~40
Wire feed speed range(m/min)	1.5~16		1.5~16		1.5~18	
Electrode diameter applicable(mm)	0.6/0.8/0.9/1.0		0.8/1.0/1.2		1.0/1.2/1.6	
Duty cycle I _{max} (40°C)	40%		60%		60%	
Duty cycle 100%(40°C)	158A		271A		385A	
Duty cycle 60%(40°C)	194A		350A		500A	
Wire Diameter (mm)	0.6/0.8/0.9/1.0		0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2/1.6	
Efficiency(%)	85		85		85	
Power Factor	0.7		0.93		0.93	
Protection Class	IP21S		IP21S		IP21S	
Insulation Class	F		F		F	
Dimensions (L*W*H)	700*320*510		700*320*510		700*320*510	
Weight (Kg)	37.5		39.7		41.5	

Ordering Information

Standard fittings (TitanMig 250)

Headux Code

HMT500 E Trolley	A91001-104
HF10 Wire feeder unit	A91001-935
3m MX24 MIG Torch(included Spanner For Mig Torches)	A13303-089
3m 25mm² Earth Lead(300A Earth Clamp)	A80403-001
3m Interconnection Cable(Air Cooled)	A80406-004

Standard fittings (TitanMig 350)

Headux Code

HMT500 E Trolley	A91001-104
HF10 Wire feeder unit	A91001-935
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 50mm² Earth Lead(500A Earth Clamp)	A80403-006
3m Interconnection Cable(Air Cooled)	A80406-003

Standard fittings (TitanMig 500)

Headux Code

HMT500 E Trolley	A91001-104
Hf10 Wire feeder unit	A91001-935
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 70mm² Earth lead(500A Earth clamp)	A80403-005
3m interconnection cable(Air cooled)	A80406-002
3m 70mm² welding lead (500A Electrode Holder)- (TitanMig 500KB)	

Options & Accessories

Options & Accessories

Headux Code

Water cooler unit	A91001-935
3M 501D water cooled torch	A13303-094
4M TIG26 Torch with gas valve	A13301-019
3m 25mm² welding lead (200A Electrode Holder)-(TitanMig 250)	A80404-013
3m 50mm² welding lead (200A Electrode Holder)- (TitanMig 350)	A80404-012
3m 70mm² welding lead (500A Electrode Holder)- (TitanMig 500)	A80404-025
1.2A contact tip,M8*30	A13309-037

TitanMig 350 KB,500 KB

Powerful Heavy-Duty MIG Machine



Valued Features

Easy operation

Basic Knob operation for the heaviest industrial conditions.

Fully digital inverter

Managed by the high speed micro processor, it provides you with perfect arc control, improved droplet detachment and controlled ignition properties.

Excellent Welding Performance

Stable dip-transfer arc process, Low-spatter, Fast welding process.

High Welding Speed and Efficiency

With Headux patented control software, it helps the users save time on setup of machine and increase the productivity.

Specifications

Model	TitanMig 350 KB		TitanMig 500 KB	
Input Voltage	3 Phases~AC 400V (±15%)/ 50-60HZ		3 Phases~AC 400V (±15%)/ 50-60HZ	
Main Fuse(A)	40		40	
Process	MIG	MMA	MIG	MMA
Rated KVA	13.9	15.1	24.7	25.3
Rated Output KVA	11	11.9	19.5	20
No-load Voltage (V)	75	75	75	75
Current Adjustment Range (A)	50~350	20~350	50~500	20~500
Voltage Adjustment Range (V)	16.5~31.5	20.8~34	16.5~39	20.8~40
Wire feed speed range(m/min)	2~24		2-24	
Electrode diameter applicable(mm)	-9 hard to +9 soft (default 0)		-9 hard to +9 soft (default 0)	
Duty cycle I _{max} (40°C)	60%		60%	
Duty cycle 100%(40°C)	271A		385A	
Duty cycle 60%(40°C)	350A		500A	
Wire Diameter (mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2/1.6	
Efficiency(%)	85		85	
Power Factor	0.93		0.93	
Protection Class	IP21S		IP21S	
Insulation Class	F		F	
Dimensions (L*W*H)	975*425*980		975*425*980	
Weight (Kg)	82.5		83.16	

Ordering Information

Standard fittings (TitanMig 350KB)

Headux Code

Wire feeder unit	A91001-939
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 50mm ² Earth lead(500A Earth clamp)	A80403-006
5m interconnection cable(Air cooled)	A80406-101

Standard fittings (TitanMig 500KB)

Headux Code

Wire feeder unit	A91001-939
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 70mm ² Earth lead(500A Earth clamp)	A80403-005
5m interconnection cable(Air cooled)	A80406-103

Options & Accessories

Options & Accessories

Headux Code

Water cooler unit	A91001-315
4M Parker ARC M5W water cooled torch	A13303-084
3m MIG 501D water cooled torch	A13303-094
5m interconnection cable(Water cooled)	A80406-090
4M TIG26 Torch with gas valve	A13301-019
3m 50mm ² welding lead (200A Electrode Holder)- (TitanMig 350KB)	A80404-012
3m 70mm ² welding lead (500A Electrode Holder)- (TitanMig 500KB)	A80404-025
1.2A contact tip,M8*30	A13309-037

TitanMig 350 Syn, 500 Syn

Powerful Heavy-Duty MIG Machine



Valued Features

Synergic MIG program

Step by step, easy Setup, suitable for the heaviest industrial conditions.

Fully digital synergic inverter

Managed by the high speed micro processor, it provides you with perfect arc control, improved droplet detachment and controlled ignition properties.

Excellent Welding Performance

Stable dip-transfer arc process, Low-spatter, Fast welding process.

High Welding Speed and Efficiency

With Headux patented control software, it helps the users save time on setup of machine and increase the productivity

User Friendly

Simple interface, Easy to access as well as quick and easy parameter configuration, system operation
Intelligent power sources with synergic and pulsed MIG/MAG and stick (MMA) welding process.

Specifications

Model	TitanMig 350 Syn		TitanMig 500 Syn	
Input Voltage	3 Phases~AC 400V (±15%)/ 50-60HZ			
Main Fuse(A)	40		40	
Process	MIG	MMA	MIG	MMA
Rated KVA	13.9	15.1	24.7	25.3
Rated Output KVA	11	11.9	19.5	20
No-load Voltage (V)	75	75	75	75
Current Adjustment Range (A)	50~350	20~350	50~500	20~500
Voltage Adjustment Range (V)	16.5-31.5	20.8~34	16.5~39	20.8~40
Wire feed speed range(m/min)	2~24		2-24	
Electrode diameter applicable(mm)	-9 hard to +9 soft (default 0)		-9 hard to +9 soft (default 0)	
Duty cycle I _{max} (40°C)	60%		60%	
Duty cycle 100%(40°C)	271A		385A	
Duty cycle 60%(40°C)	350A		500A	
Wire Diameter (mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2/1.6	
Efficiency(%)	85		85	
Power Factor	0.93		0.93	
Protection Class	IP21S		IP21S	
Insulation Class	F		F	
Dimensions (L*W*H)	975*425*980		975*425*980	
Weight (Kg)	82.5		83.16	

Ordering Information

Standard fittings (TitanMig 350 Syn)

Headux Code

Wire feeder unit	A91001-939
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 50mm ² Earth lead(500A Earth clamp)	A80403-006
5m interconnection cable(Air cooled)	A80406-101

Standard fittings (TitanMig 500 Syn)

Headux Code

Wire feeder unit	A91001-939
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 70mm ² Earth lead(500A Earth clamp)	A80403-005
5m interconnection cable(Air cooled)	A80406-103

Options & Accessories

Options & Accessories

Headux Code

Water cooler unit	A91001-315
4M Parker ARC M5W water cooled torch	A13303-084
3m MIG 501D water cooled torch	A13303-094
5m interconnection cable(Water cooled)	A80406-090
4M TIG26 Torch with gas valve	A13301-019
3m 50mm ² welding lead (200A Electrode Holder)- (TitanMig 350KB)	A80404-012
3m 70mm ² welding lead (500A Electrode Holder)- (TitanMig 500KB)	A80404-025
1.2A contact tip,M8*30	A13309-037

TitanMig 350 S, 350 SL , 350 SP



Valued Features

Designed for thin steel sheet, low heat output

Fully digital synergic inverter

Managed by the high speed micro processor, it provides you with perfect arc control, improved droplet detachment and controlled ignition properties.

Excellent Welding Performance

Stable dip-transfer arc process, Low-spatter, Fast welding process.

High Welding Speed and Efficiency

With Headux patented control software, it helps the users save time on setup of machine and increase the productivity.

User Friendly

Simple interface, Easy to access as well as quick and easy parameter configuration, system operation.

Intelligent power sources with synergic and pulsed MIG/MAG and stick (MMA) welding process.

TitanMig 350S, Low Heat Output

TitanMig 350 SL—Low Heat Output, Low Spatter

TitanMig 350SP—Low Heat Output, Low Spatter, Pulse Welding for Steel& Stainless Steel

Specifications

Model	TitanMig 350 S		TitanMig 350 SL		TitanMig 350 SP	
Input Voltage	3 Phases~AC 400V (±15%)/ 50-60HZ					
Main Fuse(A)	40		40		40	
Process	MIG	MMA	MIG	MMA	MIG	MMA
Rated KVA	13.9	15.1	13.9	15.1	13.9	15.1
Rated Output KVA	11	11.9	11	11.9	11	11.9
No-load Voltage (V)	75	75	75	75	75	75
Current Adjustment Range (A)	50~350	20~350	50~350	20~350	50~350	20~350
Voltage Adjustment Range (V)	16.5-31.5	20.8~34	16.5-31.5	20.8~34	16.5-31.5	20.8~34
Wire feed speed range(m/min)	2~24		2~24		2~24	
Electrode diameter applicable(mm)	-9 hard to +9 soft (default 0)		-9 hard to +9 soft (default 0)		-9 hard to +9 soft (default 0)	
Duty cycle I _{max} (40°C)	60%		60%		60%	
Duty cycle 100%(40°C)	271A		271A		271A	
Duty cycle 60%(40°C)	350A		350A		350A	
Wire Diameter (mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2	
Efficiency(%)	85		85		85	
Power Factor	0.93		0.93		0.93	
Protection Class	IP21S		IP21S		IP21S	
Insulation Class	F		F		F	
Dimensions (L*W*H)	975*425*980		975*425*980		975*425*980	
Weight (Kg)	82.5		82.5		82.5	

Ordering Information

Standard fittings	Headux Code
Wire feeder unit	A91001-939
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 50mm ² Earth lead(500A Earth clamp)	A80403-006
5m interconnection cable(Air cooled)	A80406-101

Options & Accessories

Options & Accessories	Headux Code
Water cooler unit	A91001-315
4M Parker ARC M5W water cooled torch	A13303-084
3m MIG 501D water cooled torch	A13303-094
5m interconnection cable(Water cooled)	A80406-090
4M TIG26 Torch with gas valve	A13301-019
3m 50mm ² welding lead (200A Electrode Holder)- (TitanMig 350KB)	A80404-012
3m 70mm ² welding lead (500A Electrode Holder)- (TitanMig 500KB)	A80404-025
1.2A contact tip,M8*30	A13309-037

TitanMig X4 Syn,X5 Syn



The TitanMig X series are intelligent power sources with synergic MIG/MAG and stick (MMA) welding process. Managed by the high speed micro processor, they provide you with perfect arc control, improved droplet detachment and controlled ignition properties. TitanMig X series bring added value for customers by significantly improving welding speed, boosting production efficiency, and enabling the same equipment to be used for a variety of welding tasks. TianMig X series make the welding process more precise and reduce spattering in the dip transfer arc process.

As upgradeable power sources, TitanMig X series could meet the most extreme expectations of individual welding and provide supreme usability based on actual field application.

Valued Features

Precise wire feeding system

Synergic MIG program

Step by step, easy Setup, suitable for the heaviest industrial conditions.

Fully digital synergic inverter

Managed by the high speed micro processor, it provides you with perfect arc control, improved droplet detachment and controlled ignition properties.

Excellent Welding Performance

Stable dip-transfer arc process, Low-spatter, Fast welding process.

High Welding Speed and Efficiency

With Headux patented control software, it helps the users save time on setup of machine and increase the productivity.

User Friendly

Simple interface, Easy to access as well as quick and easy parameter configuration, system operation
Intelligent power sources with synergic and MIG/MAG and stick (MMA) welding process.

Specifications

Model	TitanMig X4 Syn		TitanMig X5 Syn	
Input voltage(A)	3 Phases~AC 400V (±15%)/ 50-60HZ			
Main Fuse(A)	40		60	
Process	MIG	MMA	MIG	MMA
Rated KVA	13.9	15.1	24.7	25.3
Rated Output KVA	11	11.9	19.5	20
No-load Voltage (V)	75	75	75	75
Welding Range(A)	50~350	20~350	50~500	20~500
Rated output voltage(V)	16.5-31.5	20.8~34	16.5~39	20.8~40
Wire feed speed(m/min)	2~24		2~24	
Arc adjustment	-9 hard to +9 soft (default 0)		-9 hard to +9 soft (default 0)	
Duty cycle I _{max} (40°C)	60%		60%	
Duty cycle 100%(40°C)	271A		385A	
Duty cycle 60%(40°C)	350A		500A	
Wire diameter(mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2/1.6	
Efficiency(%)	85		85	
Power Factor	0.93		0.93	
Protection Class	IP21S		IP21S	
Insulation Class	F		F	
Dimensions (L*W*H)	700*320*510		700*320*510	
Weight (Kg)	52		53.5	

Ordering Information

Standard fittings (TitanMig X4 Syn)

Headux Code

Wire feeder unit	A91001-919
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 50mm ² Earth lead(500A Earth clamp)	A80403-006
5m interconnection cable(Air cooled)	A80406-146
Liner 3.9 m for Aluminium wire	A13310-301
HMT500 E Trolley	A91001-104

Standard fittings (TitanMig X5 Syn)

Headux Code

Wire feeder unit	A91001-919
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 70mm ² Earth lead(500A Earth clamp)	A80403-005
5m interconnection cable(Water cooled)	A80406-118
Liner 3.9 m for Aluminium wire	A13310-301
HMT500 E Trolley	A91001-104

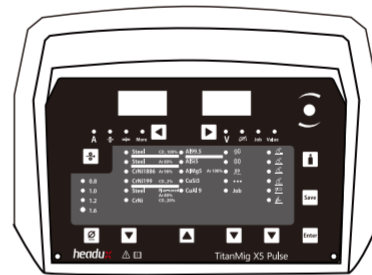
Options & Accessories

Options & Accessories

Headux Code

Water cooler unit	A91001-314
4M Parker ARC M5W water cooled torch	A13303-084
3m MIG 501D water cooled torch	A13303-094
4M TIG26 Torch with gas valve	A13301-019
3m 50mm ² welding lead (200A Electrode Holder)- (TitanMig X4 Syn)	A80404-012
3m 70mm ² welding lead (500A Electrode Holder)- (TitanMig X5 Syn)	A80404-025
1.2A contact tip,M8*30	A13309-037

TitanMig X4,X5 Pulse



The TitanMig X series are intelligent power sources with synergic and pulsed MIG/MAG and stick (MMA) welding process. Managed by the high speed micro processor, they provide you with perfect arc control, improved droplet detachment and controlled ignition properties. TitanMig X series bring added value for customers by significantly improving welding speed, boosting production efficiency, and enabling the same equipment to be used for a variety of welding tasks. TianMig X series make the welding process more precise and reduce spattering in the dip transfer arc process.

As upgradeable power sources, TitanMig X series could meet the most extreme expectations of individual welding and provide supreme usability based on actual field application.

Valued Features

Precise wire feeding system

Synergic MIG and Pulse MIG programs

Step by step, easy Setup, suitable for the heaviest industrial conditions.

Fully digital synergic inverter

Managed by the high speed micro processor, it provides you with perfect arc control, improved droplet detachment and controlled ignition properties.

Excellent Welding Performance

Stable dip-transfer arc process, Low-spatter, Fast welding process.

High Welding Speed and Efficiency

With Headux patented control software, it helps the users save time on setup of machine and increase the productivity

User Friendly

Simple interface, Easy to access as well as quick and easy parameter configuration, system operation
Intelligent power sources with synergic and MIG/MAG and stick (MMA) welding process.

Specifications

Model	TitanMig X4 Pulse		TitanMig X5 Pulse	
Input voltage(A)	3 Phases~AC 400V (±15%)/ 50-60HZ			
Main Fuse(A)	40		60	
Process	MIG	MMA	MIG	MMA
Rated KVA	13.9	15.1	24.7	25.3
Rated Output KVA	11	11.9	19.5	20
No-load Voltage (V)	75	75	75	75
Welding Range(A)	50~350	20~350	50~500	20~500
Rated output voltage(V)	16.5-31.5	20.8~34	16.5~39	20.8~40
Wire feed speed(m/min)	2~24		2~24	
Arc adjustment	-9 hard to +9 soft (default 0)		-9 hard to +9 soft (default 0)	
Duty cycle I _{max} (40°C)	60%		60%	
Duty cycle 100%(40°C)	271A		385A	
Duty cycle 60%(40°C)	350A		500A	
Wire diameter(mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2/1.6	
Efficiency(%)	85		85	
Power Factor	0.93		0.93	
Protection Class	IP21S		IP21S	
Insulation Class	F		F	
Dimensions (L*W*H)	700*320*510		700*320*510	
Weight (Kg)	52		53.5	

Ordering Information

Standard fittings	Headux Code
Wire feeder unit	A91001-919
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 70mm ² Earth lead(500A Earth clamp)	A80403-005
5m interconnection cable(Water cooled)	A80406-118
Liner 3.9 m for Aluminium wire	A13310-301
HMT500 E Trolley	A91001-104

Options & Accessories

Options & Accessories	Headux Code
Water cooler unit	A91001-314
4M Parker ARC M5W water cooled torch	A13303-084
3m MIG 501D water cooled torch	A13303-094
4M TIG26 Torch with gas valve	A13301-019
3m 70mm ² welding lead (500A Electrode Holder)- (TitanMigX4/X5 Pulse)	A80404-025
1.2A contact tip,M8*30	A13309-037

Optimus MIG 353,503 XS Optimus MIG 353,503 XP

Robust, High Efficient, Born for Heavy Duty



Energy efficient



Valued Features

Fully digital synergic inverter power source

Fully digital inverter with MIG Synergic program (XS) or MIG Pulse program (XP) and stick (MMA) welding process. Managed by the high speed micro processor, it provides you with perfect arc control, improved droplet detachment and controlled ignition properties.

High Efficient and Productivity

More control for weld operators with easy, quick welding process selection and intuitive configuration of advanced parameters.

Excellent Welding Performance

Stable dip-transfer arc process, Low-spatter, Fast welding process.

Durable and rugged – Suitable for outdoor and indoor use in rough environments



TitanFeeder DFA-10 Smart Wirefeeder

Valued Features

- MIG/MMA mode selection from the feeder
- Job memories on feeder for repeatability across operators and torch remote for quick operation
- IP54-rated designed, impact resistant and flame retardant case, provides rugged durability for tough conditions. Insulated PC Boards for moisture and corrosion protection.
- 4-roller driver and optical coupler motor feedback ensures accurate and smooth wire feeding.
- Optional Flowmeter – for easy gas flow adjustment at the feeder
Adjustable Start Arc and End Arc for easy adjustment of welding arc

Specifications

Model	OptimusMIG 353 XS/XP		OptimusMIG 503 XS/XP	
Input voltage(A)	3 Phases~AC 400V (±15%)/ 50-60HZ			
Main Fuse(A)	40		60	
Process	MIG	MMA	MIG	MMA
Rated KVA	13.9	15.1	24.7	25.3
Rated Output KVA	11	11.9	19.5	20
No-load Voltage (V)	75	75	75	75
Welding Range(A)	50~350	20~350	50~500	20~500
Rated output voltage(V)	16.5-31.5	20.8~34	16.5~39	20.8~40
Wire feed speed(m/min)	2~24		2~24	
Arc adjustment	-9 hard to +9 soft (default 0)		-9 hard to +9 soft (default 0)	
Duty cycle I _{max} (40°C)	60%		60%	
Duty cycle 100%(40°C)	271A		385A	
Duty cycle 60%(40°C)	350A		500A	
Wire diameter(mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2/1.6	
Efficiency(%)	85		85	
Power Factor	0.93		0.93	
Protection Class	IP21S		IP21S	
Insulation Class	F		F	
Dimensions (L*W*H)	700*320*510		700*320*510	
Weight (Kg)	56		58	

Ordering Information

Standard fittings	Headux Code
Wire feeder unit	A91001-919
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 70mm ² Earth lead(500A Earth clamp)	A80403-005
5m interconnection cable(Water cooled)	A80406-118
Liner 3.9 m for Aluminium wire	A13310-301

Options & Accessories

Options & Accessories	Headux Code
Water cooler unit	A91001-314
4M Parker ARC M5W water cooled torch	A13303-084
3m MIG 501D water cooled torch	A13303-094
4M TIG26 Torch with gas valve	A13301-019
3m 70mm ² welding lead (500A Electrode Holder)- (TitanMig X5 Syn)	A80404-025
HMT500 E Trolley	A91001-104
1.2A contact tip,M8*30	A13309-037



TIG WELDERS

TitanTig 180, 200

Perfect TIG welding performance from compact size



Energy efficient



TitanTig180/200 is just what you'd expect from a high quality TIG welding machine. Accurate and refined HF ignition and the necessary control, power and work capacity to reliably complete a variety of professional welding tasks. TitanTig180/200 is the ideal DC TIG welding solution for light industrial manufacturing, installation, repair and maintenance applications. The lightweight and compact size is a real perfect tool for welding professionals on the move.

The design combines useful performance advantages, including excellent energy efficiency and the ability to reliably perform on long distance. TitanTig180/200 models feature a range of functions including post gas time control, slope current time controls. It is a dual-process machine that also provides quality MMA welding for a range of DC electrode types.

Valued Features

- DC TIG / MMA
- Smooth welding quality
- Hot start, lift arc, HF arc ignition, 2T/4T
- Down slope & post flow
- High frequency inverter, high-efficiency
- Compact size, lightweight and modern design
- Refined arc ignition, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Mains network or generator use

Specifications

Model	TitanTig 180		TitanTig 200	
Input voltage(A)	1Phase~AC 230 (±15%) /50-60Hz			
Main Fuse(A)	50		50	
Rated KVA	7.1 (MMA)	5.2 (TIG)	8.2 (MMA)	6.1 (TIG)
Rated Output KVA	4.2	3.1	4.9	3.6
No-load Voltage (V)	59 (MMA)	59 (TIG)	59 (MMA)	59 (TIG)
Current Adjustment Range(A)	10~160 (MMA)	10~180 (TIG)	10~180 (MMA)	10~200 (TIG)
Voltage Adjustment Range (V)	20.4~26.4(MMA)	10.4~17.2 (TIG)	20.4~27.2(MMA)	10.4~18 (TIG)
Down-slop Time(S)	0~10	0~10	0~10	0~10
Duty Cycle Imax(40°C)	20%(MMA)	35%(TIG)	20%(MMA)	35%(TIG)
Duty cycle 100%(40°C)	72A(MMA)	106A(TIG)	80A(MMA)	118A(TIG)
Duty cycle 60%(40°C)	92A(MMA)	137A(TIG)	103A(MMA)	152A(TIG)
Efficiency(%)	85		85	
Power Factor	0.7		0.7	
Protection Class	IP21S		IP21S	
Insulation Class	F		F	
Dimensions (L*W*H)	450*150*290		450*150*290	
Weight (Kg)	5.44		6.12	

Ordering Information

Standard fittings	Headux Code
4m TIG26 torch	A13301-006
3m 16mm ² Earth lead(300A Earth clamp)	A80403-003
3m Gas Hose	A80407-005

Options & Accessories

Options & Accessories	Headux Code
8m TIG26 torch(without current regulation)	A13301-025
3m 16mm ² welding lead (200A Electrode Holder)	A80404-008

TitanTig 200 DC Pulse

Powerful in a simple way



TitanTig 200 DC Pulse is the ideal dual-process, providing an impressive DC TIG and MMA welding experience for installation, repair and maintenance applications. It suits high quality work and the lightweight and compact size is a real bonus for professionals on the move around site.

TitanTig 200 DC Pulse is an Digital Controlled DC TIG welding machine with HF arc ignition and pulse capability. It allows full parameter setting of Peak Current, Base Current, Pulse Frequency and Pulse Width, allowing to manipulate the heat input to the work, control penetration and minimise distortion.

TitanTig 200 DC Pulse i feature a range of functions including pre and post gas time control, slope current time controls and remote control options. The unique Torch Remote Control Interface provides remote amperage control from the torch in both static and live welding modes.

Valued Feautures

- Multiple Mode
MMA/LIFT TIG/HF TIG.
- Protections
Equipped with temperature, voltage and current sensors for high protection.
- Up/Down Slope
Selectable Up/Down Slope Time.
- Pre/Post Flow
Selectable Pre/Post Flow Time.
- Pulse
High performance on ultra thin surfaces with no deformation
- Generator friendly
Designed to work with diesel generators and to avoid failures due to its voltage spikes.

Specifications

Model

TitanTig 200 DC Pulse

Input voltage	1Phase~AC 230 (±15%) /50-60Hz	
Main Fuse(A)	60	
Rated KVA	TIG 6.1	MMA 8.2
Rated Output KVA	3.6	4.9
No-load Voltage (V)	59	59
Rated Input Current (A)	TIG 27	MMA 36
Welding Current Range(A)	5~200	5~200
Up Slope/Down Slope	0~ 10	0~ 10
Pre/Post FLOW	0~2/0~ 10	0~2/0~ 10
Pulse Fre.	0.5~200	0.5~200
Pulse Width Range	5%~95%	5%~95%
Duty Cycle Imax(40°C)	TIG 35%	MMA 20%
Dutycycle 100%(40°C)	TIG 118A	MMA 80A
Duty cycle 60%(40°C)	TIG 152A	MMA 103A
Efficiency(%)	85	
Power Factor	0.7	
Protection Class	F	
Insulation Class	IP21S	
Dimensions (L*W*H)	450*150*290	
Weight (Kg)	6.6	

Ordering Information

Standard fittings

Headux Code

4m TIG26 torch	A13301-006
3m 16mm ² Earth lead(300A Earth clamp)	A80403-003
3m Gas Hose	A80407-005

Options & Accessories

Options & Accessories

Headux Code

8m TIG26 torch(without current regulation)	A13301-025
4m TIG26 torch with current regulation	A13301-049
3m 16mm ² welding lead (200A Electrode Holder)	A80404-008

TitanTig 200P ACDC



Energy efficient



Why TitanTig 200P AC/DC

A precision aluminum welding system compatible with all materials, featuring ergonomic design that enables customized configurations optimized for your specific operational requirements.

AC balance (30~80%) control monitors the oxide and helps better cleaning during aluminum welding
Protections Equipped with temperature, voltage and current sensors for high protection

Valued Features

- High success rate of striking arc
- Generator Friendly
- MCU Control System
- Smart Knob Operation
- Easy and intuitive parameter selection with Smart Knob

Specifications

Model

TitanTig 200 ACDC

Input Voltage	1Phase~AC 230 (±15%) /50-60Hz			
Main Fuse(A)	60			
Process	TIG AC	MMA AC	TIG DC	MMA DC
Rated KVA	6.4	8.2	6	8.6
Rated Output KVA	3.6	4.6	2.9	4.6
No-load Voltage (V)	52	52	52	52
Welding Current Range (A)	10~200	10~170	10~170	10~170
UP slope/Down slope Flow (S)	0~10			
Pre/Post Flow(S)	1~10			
Pulse frequency (HZ)	0.5~200			
Pulse width range (%)	5~95			
AC frequency (HZ)	50~250			
Clearance effect(AC TIG)	15~50			
Duty Cycle I _{max} (40°C)	200A@35%	170A@20%	170A@40%	170A@20%
Dutycycle 100%(40°C)	118A	76A	108A	76A
Duty cycle 60%(40°C)	152A	98A	139A	98A
Efficiency(%)	85			
Power Factor	0.7			
Protection Class	H			
Insulation Class	IP21S			
Dimensions (L*W*H)	490*150*280			
Weight (Kg)	9.34			

Ordering Information

Standard fittings

Headux Code

4m TIG26 torch(with current regulation)	A13301-049
3m 16mm ² Earth lead(300A Earth clamp)	A80403-003
3M Gas hose	A80407-005

Options & Accessories

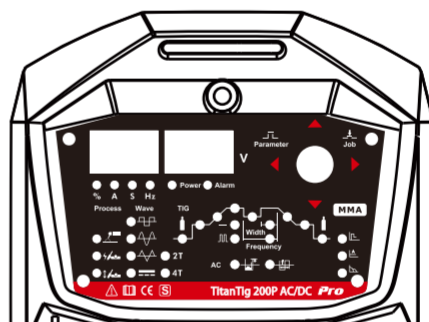
Options & Accessories

Headux Code

4m TIG26 torch(without current regulation)	A13301-048
8m TIG26 torch(without current regulation)	A13301-025
8m TIG26 torch(with current regulation)	
3m 16mm ² welding lead (200A Electrode Holder)	A80404-008
3M Wired pedal	A91001-903

TitanTig 200P ACDC Pro

Smooth welding that takes everything to the edge



Why TitanTig 200P AC/DC Pro

A precision aluminum welding system compatible with all materials, featuring ergonomic design that enables customized configurations optimized for your specific operational requirements.

AC balance (30~80%) control monitors the oxide and helps better cleaning during aluminum welding
Protections Equipped with temperature, voltage and current sensors for high protection.

AC waveforms include square wave, sine wave, triangular wave and trapezoidal wave.

Optional wireless control panel and foot pedal .

Valued Features

- High success rate of striking arc
- Generator Friendly
- MCU Control System
- Smart Knob Operation
- Easy and intuitive parameter selection with Smart Knob
- Wireless Remote Control

Specifications

Model

TitanTig 200 ACDC Pro

Input Voltage	1Phase~AC 230 (±15%) /50-60Hz			
Main Fuse(A)	60			
Process	TIG AC	MMA AC	TIG DC	MMA DC
Rated KVA	6.4	8.2	6	8.6
Rated Output KVA	3.6	4.6	2.9	4.6
No-load Voltage (V)	52	52	52	52
Welding Current Range (A)	10~200	10~170	10~170	10~170
UP slope/Down slope Flow (S)	0~10			
Pre/Post Flow(S)	1~10			
Pulse frequency (HZ)	0.5~999			
Pulse width range (%)	5~95			
AC frequency (HZ)	50~250			
Clearance effect(AC TIG)	15~50			
Duty Cycle I _{max} (40°C)	200A@35%	170A@20%	170A@40%	170A@20%
Dutycycle 100%(40°C)	118A	76A	108A	76A
Duty cycle 60%(40°C)	152A	98A	139A	98A
Efficiency(%)	85			
Power Factor	0.7			
Protection Class	H			
Insulation Class	IP23			
Dimensions (L*W*H)	490*150*280			
Weight (Kg)	9.16			

Ordering Information

Standard fittings

Headux Code

4m TIG26 torch(with current regulation)	A13301-049
3m 16mm ² Earth lead(300A Earth clamp)	A80403-003
3M Gas hose	A80407-005

Options & Accessories

Options & Accessories

Headux Code

4m TIG26 torch(without current regulation)	A13301-048
8m TIG26 torch(without current regulation)	A13301-025
8m TIG26 torch(with current regulation)	
3m 16mm ² welding lead (200A Electrode Holder)	A80404-008
3M Wired pedal	A91001-903

TitanTig 320,400,500 DC Pulse

Finest DC Tig for industrial application



Valued Features

- **Pre/Post Flow**
Selectable Pre/Post Slope Time.
- **Up/Down Slope**
Selectable Up/Down Slope Time.
- **Multiple Mode**
MMA/LIFT TIG/HF TIG.
- **Pulse**
High performance on ultra thin surfaces with no deformation.
- **Protections**
Equipped with temperature, voltage and current sensors for high protection.
- **Heavy duty**
High duty cycle for industrial applications.
- **Accessories**
Optional trolley and water cooling unit Parameters

Specifications

Model	TitanTig320 DC Pulse	TitanTig400 DC Pulse	TitanTig500 DC Pulse
Input Voltage	3Phase~AC 400 (±15%) /50-60Hz		
Main Fuse(A)	40	45	45
Rated KVA	9.2(TIG) / 13.3(MMA)	13.2(TIG) / 18.2(MMA)	19(TIG) / 25.3(MMA)
Rated Output KVA	7.3(TIG) / 10.5(MMA)	10.4(TIG) / 14.4(MMA)	15(TIG) / 20(MMA)
No-load Voltage (V)	68	68	68
Welding Current Range(A)	10~320	10~400	10~500
Up Slope/Down Slope Time(S)	0~ 10	0~ 10	0~ 10
Pre/Post Flow(S)	0~2/ 0~ 10	0~2/ 0~ 10	0~2/ 0~ 10
Pulse Fre .(HZ)	0.5~999	0.5~999	0.5~999
Pulse width range(%)	5~95	5~95	5~95
Duty Cycle I _{max} (40°C)	40%	40%	40%
Dutycycle 100%(40°C)	202A	253A	316A
Duty cycle 60%(40°C)	261A	327A	408A
Efficiency(%)	85	85	85
Power Factor	0.93	0.93	0.93
Protection Class	H	H	H
Insulation Class	IP23	IP23	IP23
Dimensions (L*W*H)	700*320*510	700*320*510	700*320*510
Weight (Kg)	32.84	33.4	34

Ordering Information

Standard fittings (TitanTig 320DC Pulse)

Headux Code

4M WP26 TIG TORCH(without current regulation)	A13301-048
3m 35mm ² Earth lead(300A Earth clamp)	A80403-012
3M Gas hose	A80407-005

Standard fittings (TitanTig 400/500 DC Pulse)

Headux Code

5m WP18 Water cooled torch(without current regulation)	A13301-050
3m 50mm ² Earth lead(500A Earth clamp)	A80403-006
3M Gas hose	A80407-005

Options & Accessories

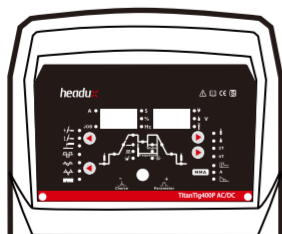
Options & Accessories

Headux Code

Water cooler unit	A91001-312
8M WP26 TIG TORCH(without current regulation)	A13301-025
5m WP18 Water cooled torch(without current regulation)	A13301-050
3m 50mm ² welding lead (200A Electrode Holder)- (TitanTig 320 DC Pulse)	A80404-012
3m 70mm ² welding lead (500A Electrode Holder)- (TitanTig 400/500 Pulse)	A80404-025
HMT300 Trolley	A93018-100

TitanTig 320PACDC , 400 PACDC

Powerful ACDC TIG equipment for professional demand



Energy efficient



Valued Features

- **Multiple Mode**
MMA/LIFT TIG/HF TIG.
- **Protections**
Equipped with temperature, voltage and current sensors for high protection.
- **Up/Down Slope**
Selectable Up/Down Slope Time.
- **Pre/Post Flow**
Selectable Pre/Post Slope Time.
- **Pulse**
High performance on ultra thin surfaces with no deformation.
- **Heavy duty**
High duty cycle for industrial applications.
- **Accessories**
Optional trolley and water cooling unit.

Specifications

Model	TitanTig320 AC/DC				TitanTig400 AC/DC			
Input Voltage	3 Phases~AC 400V (±15%)/ 50-60HZ				3 Phases~AC 400V (±15%)/ 50-60HZ			
Main Fuse(A)	40				60			
Process	TIG AC	TIG AC	TIG AC	TIG AC	TIG AC	TIG AC	TIG AC	TIG AC
Rated KVA	13.2	17.3	14.5	19.1	17	23.3	17	25.3
Rated Output KVA	7.3	10.5	7.3	10.5	10.4	14.4	10.4	14.4
No-load Voltage (V)	61				67			
Welding Current Range A	10~320				10~400			
Up Slope Down Slope S	0~10				0~10			
Pre/Post Flow S	0~2/0~10				0~2/0~10			
Pulse Fre Hz	0.5~999				0.5~999			
Pulse Width Range %	5~95				5~95			
AC Fre . Hz	50~250				50~250			
Duty Cycle 40°C 10 min	60%@320A / 100%@250A				60%400A / 100%310A			
Duty Cycle I _{max} (40°C)	60%				60%			
Dutycycle 100%(40°C)	250A				310A			
Duty cycle 60%(40°C)	320A				400A			
Efficiency(%)	85				85			
Power Factor	0.93				0.93			
Protection Class	H				H			
Insulation Class	IP23				IP23			
Dimensions (L*W*H)	700*320*510				700*320*510			
Weight (Kg)	32.84				33.4			

Ordering Information

Standard fittings (TitanTig 320DC ACDC)

Headux Code

5m WP18 Water cooled torch(without current regulation)	A13301-050
3m 35mm ² Earth lead(300A Earth clamp)	A80403-012
3m Gas Hose	A80407-005

Standard fittings (TitanTig 400P ACDC)

Headux Code

5m WP18 Water cooled torch(without current regulation)	A13301-050
3m 50mm ² Earth lead(500A Earth clamp)	A80403-006
3m Gas Hose	A80407-005

Options & Accessories

Options & Accessories

Headux Code

Water cooler unit	A91001-312
3m 50mm ² welding lead (200A Electrode Holder)	A80404-012
HMT300 Trolley	A93018-100
3M wired foot pedal	A91001-903

STICK WELDERS



TitanArc 140 Pro, 160 Pro, 180 Pro, 200 Pro

Professional in a mini body



Energy efficient



Why TitanArc Welder

Premium welding performance is based on Headux know how knowledge on welding. TitanArc Series are designed to meet the needs of professional welders on mobile usage, with size, weight and welding quality are perfect combined. It is ideal welder for site use, you can use TitanArc welder from mains or generator power supplies. TitanArc welders are easy to carry, so you can take everything you need in a simple way.

Auto-compensation for voltage fluctuation and automatic arc force control provide excellent arc stability in all welding positions and for a wide range of electrode types, making sure you have quality welding results all the time. Precise lift TIG ignition ensures high quality DC TIG welding.

Valued Features

- Premium welding performance
- Self adaptive arc force, VRD
- Auto-compensation for voltage fluctuation
- High current output and dutycycle
- Lightweight and portable
- Precise lift TIG echnology
- Mains network or generator use

Specifications

Model	TitanArc140 Pro	TitanArc160 Pro	TitanArc180 Pro	TitanArc200 Pro
Input Voltage	1Phase~AC 230V (±15%)/ 50-60HZ			
Main Fuse(A)	45	50	60	60
Rated KVA	6	7.1	8.2	9.4
Rated Output KVA	3.6	4.2	4.9	5.6
No-load Voltage (V)	59	59	59	59
Welding Current Range (A)	20-140A	20~160A	20~180A	20~200A
Rated Input Current (A)	27.4	31	35	42.8
Electrode Diameter(mm)	1.6~3.2	1.6~4.0	1.6~4.0	1.6~5.0
Duty Cycle I _{max} (40°C)	15%	40%	40%	30%
Duty cycle 100%(40°C)	54A	101A	114A	109A
Duty cycle 60%(40°C)	108A	124A	139A	140A
Efficiency(%)	85	85	85	85
Power Factor	0.7	0.7	0.7	0.7
Protection Class	IP21S	IP21S	IP21S	IP21S
Insulation Class	F	F	F	F
Weight (Kg)	3.94	4.08	4.66	5.02
Dimensions (L*W*H)	370*130*260	370*130*260	400*130*260	400*130*260

Ordering Information

Standard fittings (TitanArc 140Pro/160pro/180Pro)

Headux Code

3m 16mm ² Earth lead(300A Earth clamp)	A80403-003
3m 16mm ² welding lead (200A Electrode Holder)	A80404-008

Standard fittings (TitanAr200Pro)

Headux Code

3m 25mm ² Earth lead(300A Earth clamp)	A80403-001
3m 25mm ² welding lead (200A Electrode Holder)	A80404-013

Options & Accessories

Options & Accessories

Headux Code

4m TIG 26V Torch	A13301-019
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TitanArc 160PFC, 200 PFC

More powerful, More versatile, Extremely efficient



Valued Features

- **PFC Technology**
Power factor more than 0.99. Multiple advantages such as energy saving and wider input voltage.
- **Tig Mode**
Capable of welding with Lift Tig Mode.
- **PreProtections**
Equipped with temperature, voltage and current sensors for high protection.
- **Generator friendly**
Designed to work with diesel generators and to avoid failures due to its voltage spikes.
- **Extra functions**
'Hot Start', 'Anti-sticking' and 'Arc Force' built in.

Specifications

Model	TitanArc160 PFC				TitanArc200 PFC			
Input Voltage	1Phase~AC 110V (±15%)/ 50-60HZ		1Phase~AC230V (±15%)/ 50-60HZ		1Phase~AC 110V (±15%)/ 50-60HZ		1Phase~AC230V (±15%)/ 50-60HZ	
Main Fuse(A)	50				60			
Process	TIG	MMA	TIG	MMA	TIG	MMA	TIG	MMA
Rated KVA	1.9	3.2	3.1	5	2.1	3.5	4.3	6.6
Rated Output KVA	1.6	2.7	2.6	4.2	1.8	3	3.6	5.6
No-load Voltage (V)	67	67	67	67	67	67	67	67
Welding Current Range (A)	10~110	10~110	10~160	10~160	10~120	10~120	10~200	10~200
Rated Input Current (A)	17.5	26	16.5	23	22.5	36	22	32
Electrode Diameter(mm)	1.6~ 4.0	1.6~ 4.0	1.6~ 4.0	1.6~ 4.0	1.6~ 5.0	1.6~ 5.0	1.6~ 5.0	1.6~ 5.0
Duty Cycle I _{max} (40°C)	70%	30%	100%	40%	60%	20%	70%	30%
Duty Cycle 60%(40°C)	\	77.5A	\	130A	120A	93A	\	142A
Duty Cycle 100%(40°C)	92A	60A	160A	101A	93A	54A	167A	110A
Efficiency(%)	85				85			
Power Factor	0.99				0.99			
Protection Class	IP21S				IP21S			
Insulation Class	F				F			
Weight (Kg)	5.88				6.54			
Dimensions (L*W*H)	430*150*290				430*150*290			

Ordering Information

Standard fittings (TitanArc160 PFC)

Headux Code

3m 16mm ² Earth lead(300A Earth clamp)	A80403-003
3m 16mm ² welding lead (200A Electrode Holder)	A80404-008

Standard fittings (TitanArc200 PFC)

Headux Code

3m 25mm ² Earth lead(300A Earth clamp)	A80403-001
3m 25mm ² welding lead (200A Electrode Holder)	A80404-013

Options & Accessories

Options & Accessories

Headux Code

4m TIG 26V Torch	A13301-019
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Elfin Stick 320,400

Premium welding quality and low cost



Valued Features

- **Tig Mode (Optional)**
Capable of welding with Lift Tig Mode.
- **Extra functions**
"Hot Start" and "Arc Force" adjustable ;
- **VRD selectable**
"Anti-sticking" built in.
- **Protections**
Equipped with temperature, voltage and current sensors for high protection.
- **Generator friendly**
Designed to work with diesel generators and to avoid failures due to its voltage spikes.

Specifications

Model	Elfin Stick 320	Elfin Stick 400
Input Voltage	3 Phases~AC 400V (±15%)/ 50-60HZ	3 Phases~AC 400V (±15%)/ 50-60HZ
Main Fuse(A)	40	45
Rated KVA	13.3	18.2
Rated Output KVA	10.5	14.4
No-load Voltage (V)	76	80
Welding Current Range(A)	40~320	40~400
Rated input current(A)	23	30
Electrode Diameter(mm)	1.6~6.0	1.6~6.0
Duty Cycle I _{max} (40°C)	40%	40%
Duty Cycle 60%(40°C)	261A	327A
Duty Cycle 100%(40°C)	202A	253A
Efficiency(%)	85	85
Power Factor	0.93	0.93
Protection Class	IP21S	IP21S
Insulation Class	F	F
Weight (Kg)	15.8	16.46
Dimensions (L*W*H)	500*250*410	500*250*410

Ordering Information

Standard fittings	Headux Code
3m 50mm ² Earth lead(500A Earth clamp)	A80403-006
3m 50mm ² welding lead (500A Electrode Holder)	A80404-012

Options & Accessories

Options & Accessories	Headux Code
4m TIG 26V Torch	A13301-019

PLASMA CUTTERS



TitanCut 40, 40 PFC

Giant, but small



Valued Features

■ Pilot Arc Controller

Increases cutting capabilities and speed. Extends tip's life. Ideal for grid cutting.

■ PFC Technology

Wide Input Voltage 90VAC~275VAC.

Power factor more than 0.99. Multiple advantages such as energy saving and wider input voltage, works with 110V and 220V.

■ Protections

Various protective and alarm functions for over-temperature and over-current.

Specifications

Model	TitanCut 40	TitanCut 40 PFC	
Input voltage	1Phase~AC230V (±15%)/ 50-60HZ	1Phase~AC 110V (±15%)/ 50-60HZ	1Phase~AC230V (±15%)/ 50-60HZ
Main Fuse(A)	50	60	60
Rated KVA	6.5	3.8	5
Rated Output KVA	3.8	2.8	3.8
No-load Voltage (V)	320V	320V	320V
Rate Input Current A	32	34.5	22.6
Cutting Current range A	20~40	20~30	20~40
Production Cut mm	≤20	≤15	≤20
Carbon Steel	≤20	≤15	≤20
Stainless Steel	≤16	≤12	≤16
Aluminum	≤12	≤8	≤12
Copper	6.2	7	7
Duty Cycle 40°C	50% 40A	35% 30A	50% 40A
Duty Cycle 60%	60% 36A	60% 22A	60% 36A
Duty Cycle 100%	100% 30A	100% 20A	100% 30A
Efficiency(%)	85	85	85
Power Factor	0.7	0.99	0.99
Protection Class	IP21S	IP21S	IP21S
Insulation Class	H	H	H
Dimensions (L*W*H)	500*150*290	500*150*290	500*150*290
Weight (Kg)	7.16	7.5	7.5

Ordering Information

Standard fittings

Headux Code

4m PT60 Plasma cutting torch	A13302-011
4m 10mm ² Earth lead(300A Earth clamp)	A80403-024
3m gas hose	A80407-005

Options & Accessories

Options & Accessories

Headux Code

Reducing valve	A11701-002
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TitanCut 40 PFC COMP



Valued Features

■ Pilot Arc Controller

Increases cutting capabilities and speed. Extends tip's life. Ideal for grid cutting.

■ PFC Technology

Power factor more than 0.99. Multiple advantages such as energy saving and wider input voltage.

■ Protections

Various protective and alarm functions for over-temperature and over-current.

■ Built in Compressor

Pilot Arc Controller, concentrated plasma stream increases cutting capabilities and speed. Protection for over-temperature and over-current.

Specifications

Model

TitanCut40 PFC COMP

Input voltage	1Phase~AC 230V (±15%)/ 50-60HZ
Main Fuse(A)	40
Rated KVA	6.5
Rated Output KVA	3.8
No-load Voltage (V)	320V
Rate Input Current A	22.6
Cutting Current range A	20~40
Production Cut mm	≤20
Carbon Steel	≤20
Stainless Steel	≤16
Aluminum	≤12
Copper	7
Duty Cycle 40°C	50%40A
Duty Cycle60%	60%36A
Duty Cycle100%	100%30A
Efficiency(%)	85
Power Factor	0.7
Protection Class	IP21S
Insulation Class	H
Dimensions (L*W*H)	570*250*370
Weight (Kg)	19.8

Ordering Information

Standard fittings

Headux Code

4m PT40 Plasma cutting torch	A13302-016
3m 16mm ² Earth lead(300A Earth clamp)	A80403-003
3m gas hose	A80407-005

TitanCut 100, 120(CNC)

Superior power and performance, Low operating cost



Energy efficient



Why TitanCut 100/120

The new TitanCut plasma is a high duty cycle, inverter based system specifically designed for heavy duty applications requiring superior cutting performance. The unit is specifically designed to serve the 35mm/40mm market with a high duty cycle of 60% in a 40°C ambient environment. superior performance.

Valued Features

- Perfect combine of power and performance
- Superior speed and cutting capacity
- Low operating cost
- Higher-quality cuts
- Safety
- Reliability
- Ease of use
- Robust, portable cutting system.

Specifications

Model	TitanCut 100(CNC)	TitanCut 120(CNC)
Input Voltage	3 Phases~AC 400V (±15%)/ 50-60HZ	3 Phases~AC 400V (±15%)/ 50-60HZ50
Main Fuse(A)	40	50
Rated KVA	15.2	19.4
Rated Output KVA	12	15.4
No-load Voltage (V)	340	340
Max Input Current	21.7	27.8
Current Range	20-100 A	20-120A
Compressor Air	0.4-0.5 MPA	0.4-0.5 MPA
ARC Starting	HF non contact	HF non contact
Max Cutting thickness(Carbon Steel)	40	45
Duty Cycle 40°C	60%	60%
Duty Cycle 60%	100A	120A
Duty Cycle 100%	77A	90A
Efficiency(%)	85	85
Power Factor	0.93	0.93
Protection Class	IP21S	IP21S
Insulation Class	F	F
Weight (Kg)	32.1	32.86
Dimensions (L*W*H)	700*320*510	700*320*510

Ordering Information

Standard fittings	Headux Code
6m LT101 Plasma cutting torch	A13302-022
3m 16mm ² Earth lead(300A Earth clamp)	A80403-003
3m gas hose	A80407-005

Options & Accessories

Options & Accessories	Headux Code
5m LT101 Plasma cutting torch	A13302-001

A close-up photograph of a welder wearing a protective mask and gloves, working on a metal component. The welding process is active, producing a bright blue-white light and a shower of sparks. The text "STUD/SPOT WELDERS" is overlaid in white, bold, sans-serif font in the center of the image.

STUD/SPOT WELDERS

TitanStud1600,2500

Portable, robust, reliable



Valued Features

- anti-voltage fluctuation design.
- Suitable for harsh operating environments.
- User friendly interface, easy adjustment, large digital display.
- Continuously adjustable charging voltage, short charging time, energy saving.
- Welding applications: steel, aluminum, brass, special weldable alloys.



Specifications

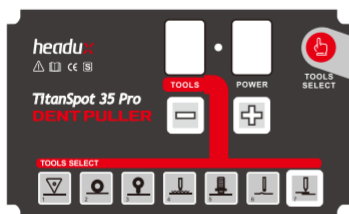
Model	TitanStud1600	TitanStud2500
Input Voltage(V)	1Phase~AC 230V (±15%)/ 50-60HZ	1Phase~AC 230V (±15%)/ 50-60HZ
Rated Input Power(KVA)	1.6	2.5
Charging Voltage(V)	20-200	20-200
Capacitance(UF)	66000	99000
Power Mode stored energy	stored energy	stored energy
Stored energy (J)	1600	2500
Insulation Grade	F	F
Welding Range	M3-M8	M3-M10
Welding Efficiency(S/Min)	Up to 15 studs/min	Up to 15 studs/min
Power Factor	0.7	0.7
Protection Class	IP21	IP21
Weight (Kg)	19.92	22.04
Dimensions (L*W*H)	560*210*380	560*210*380

Ordering Information

Standard fittings	Headux Code
3m 16mm ² Earth lead(500A Earth clamp)	A80403-031
4m STUD torch	A13314-001
Chuck M8*1pcs	A13314-008

TitanSpot 35 Pro

Easy to use, multi-function pro tool



Perfect tool for dent straightening and car body and thin sheet metal repairing, With 3KW power rate and 3500 A max output, It is one of most practical pro tools for Auto service garage, car repair workshop, metal sheet fabrication etc.

Valued Features

Simple operating interface

even beginner could learn and operate it quickly. No need professional experience, you only need to press 2 buttons to select tools mode and power levels,

7 tools mode and accessories

11 power levels to select

Automatic and Manual trigger mode are available, it could help Users to balance efficiency and control.

Packages

- Spot Puller
- Hook hammer
- Carbon rod connector
- Triangle chuck
- Manual sucker
- Carbon rods
- Triangle straight-pull sheet

Specifications

Model

TitanSpot 35 Pro

Input Voltage	1 Phases~AC230V (±15%)/ 50-60HZ
Output Voltage	1-7 V
Max. Input Current	20 A
Output Current	3500A
Input Power	2 KW
Modes	7 Modes Available
Single-Side Welding Thickness	0.6-1.2 mm/ 0.024-0.047 in
Length of Welding Gun	56 cm
Length of Dent Puller	44 cm
Size	370*210*320
Weight	19.5 Kgs

TitanLaser 1000 , 1500, 2000, 3000

Portable Laser Welder



Valued Features

- Easy operation, new user can also weld products beautifully
- The welding seam is smooth and good shape, the welding is reliable and high quality, saving time and cost
- High electro-optical conversion, long laser life, better penetration
- Aiming at the irregular shape of various complex welding workpieces/large workpieces, arbitrary angle welding is realized
- Compact design, suitable for different workplaces

Specifications

Model	TitanLaser 1000 ,1500 ,2000	TitanLaser 3000
Working Voltage	1 Phases~AC230V (±15%)/ 50-60HZ	3 Phases~AC380V (±15%)/ 50-60HZ
Laser Wavelength	1070nm+5%	1070nm+5%
Fiber Wire Length	10m	10m
Aiming Positioning	TTL level/ Gul	TTL level/ Gul
Control Model	Red Light Indicator + Therapeutrc Tool	Red Light Indicator + Therapeutrc Tool
Welding Speed Range	0~120mm/s	0~120mm/s
Cooling System	Integrated Thermostat	Integrated Thermostat
Temperature range of working environment	15~35C	15~35C
Humidity range of Working Environment	<70%No Condensation	<70%No Condensation
Suggestions On Welding Thickness	0.5-5mm	0.5-5mm
Welding Gap Requirements	≤0.2mm	≤0.2mm
Consumables	Protective Lens	Protective Lens
Machine size	740x490x680mm	980x540x920mm



RoHS



headux

EUROPE

Headux International GmbH
Max-Planck-Str. 34, 50858 Cologne , Germany.

ASIA & PACIFIC

Headux Electric Co., Ltd.
Fl. 8, Bldg A1, Youlitong Industrial Park, 56 Qingsong
Rd., Pingshan, 518118 Shenzhen, China.

Email: info@headux.com

[Http://www.headux.com](http://www.headux.com)