

TitanMig 2700 *Pulse*



MIG TIG MMA



DC
Current



Single
Phase



4 Roll
Drive



Energy
Efficient



2
Years
Machine
Warranty

270 Amp Multiprocess Pulse Welding Machine

Multi Process MIG/Single Pulse MIG/Double Pulse MIG/DC Lift TIG/MMA

Synergic Control. Simply select wire type, size and plate thickness

Excellent arc stability for MIG/TIG/MMA Welding

High Duty Cycle

Spool Gun Interface

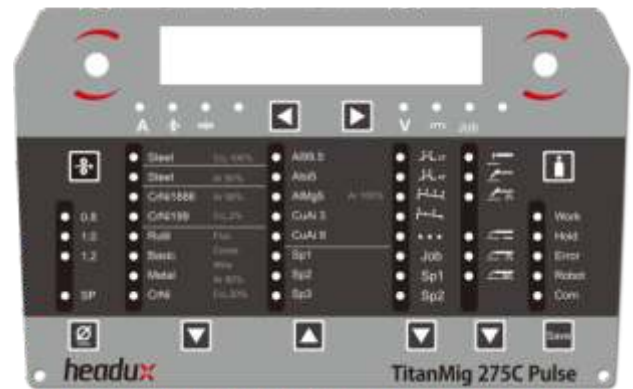
4 Roll internal wire drive system

Variety of materials Steel, Stainless, Aluminium and more

WeldTronic
quality welding products

Applications

- Thin sheet metal fabrication workshops
- Car Repair
- Agriculture
- Shipyards and offshore industry
- Installation and set-up
- Repair and maintenance
- Variety of materials Steel, Stainless, Aluminium



TitanMig 2700 Pulse is a professional, microprocessor-controlled inverter welding power source for MIG, TIG & MMA applications, Featuring IGBT technology and providing a lightweight, multi-process machines. TitanMig Pulse delivers premium results wherever your work takes you.

TitanMig Pulse 2700 is a multi-process CC/CV power source that is ideal for Synergic, Pulsed MIG/MAG, Double Pulse MIG/MAG, MMA Welding, and DC TIG/DC TIG Pulse Welding. TitanMig Pulse easily meets every welding need and quality management requirements of any metal fabrication workshop. Standard programs suit a variety of materials including Fe, FEMc, FeFc, St/St, Alu, CuSi3, CuAL8 Filler wires.

The TitanMig 2700 Pulse power source is designed for demanding professional use in Steels, Stainless, Cast Iron, Bronze & Aluminium. With an intergrated 4 roll gear driven wire feeder and unique control mode, TitanMig 2700 Pulse provides excellent reliability with a high duty cycle. It's precise control of voltage and wire speed allows arc tuning during the process, Excellent arc ignition assisted by burn back time technology guarantee satisfaction.

TitanMig Pulse product series offers superior welding quality for demanding industrial applications. It features high-end configuration recommendations for different purposes, welding thick plates, pipe and root welding and demanding welding applications. TitanMig Pulse is suitable for all metal types and processes, including welding of thin sheets.

Multi-process Pulse MIG/TIG/MMA

TitanMig Pulse is a rugged and reliable welder. It has intellegent applications and easy to operate. Combine digital and built in expert knowledge, TitanMig Pulse series provide high quality welding performance in a effective and cost effective way.

Welding network and job memory

TitanMig 2700 Pulse has a modular design and could be managed through networks. It's easy for the user to store the welding parameter into the network or machine. This function keeps welding works more efficient and precise.

Easy to use

The user-friendly interface is easy to operate even for a beginner

TitanMig Pulse make job easy. The user-friendly interface is easy to operate even for a beginner. It can store up to 99 sets of working parameters. Simply select the filler wire type, size and plate thickness and weld. For those regular jobs there's even a 100 channel memory function.



Preset Function. Enables user to preset the welding parameters prior to welding.

Synergic Function. TitanMig Pulse has expert welding programs. Users only need to adjust the current and the voltage will be automatically matched.

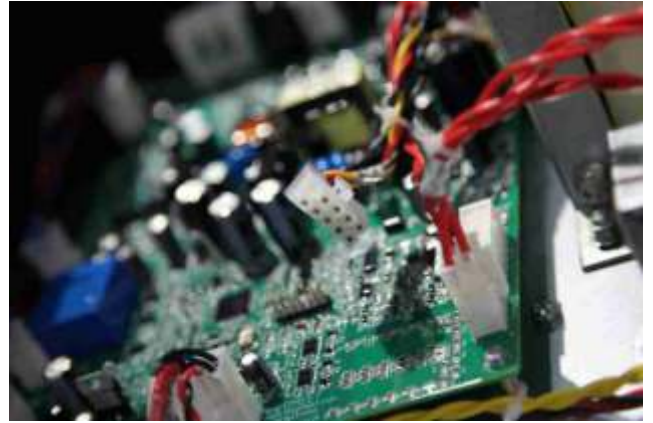
Intelligent welding voltage adjustment. Dynamic arc voltage is measured from the arc sensors. It realizes intelligent feedback and voltage compensation.

End of Arc. Including three forms, No end arc, Arc end and Repeated arc end - can meet the demands of reducing labour work, automation and quality end of arc.

Full digital welding technology

TitanMig 2700 Pulse provides precisely and stable welding arc, thanks to the patented digital control of the welding process, which brings excellent welding results to users.

Built by full digitally controlled welding technology, **TitanMig Pulse** has precise and stable arc. TitanMig Pulse combines patented full digital output waveforms, detection and control of the weld droplet, IGBT device packaging, unique heat-radiation air flow, output terminal monitoring and protection devices. The functional industrial design make it a very reliable machine and ensure repeatable excellent welding results even in harsh conditions.



High Efficiency Energy Saving

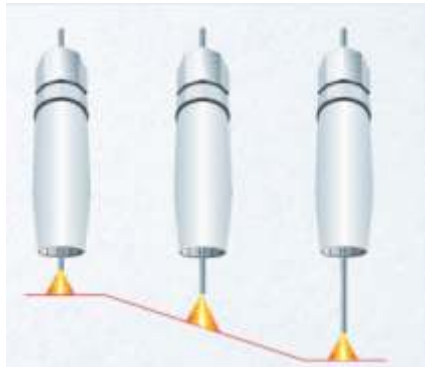
64 KhZ inverter technology bring not only the precision control but also make TitanMig Pulse more compact and portable and efficient to run.

Patented Burn Back Technology

Through unique pulse precision control, the arc ends at the right moment every time. The melt droplet is kept the same diameter as the wire, thus ensuring smooth and precise re-ignition of the arc.



Constant Arc Length

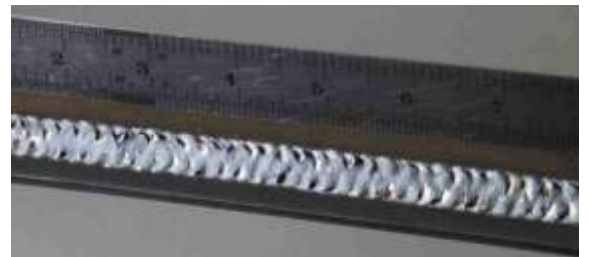


Constant arc length despite varying Stick-Out.

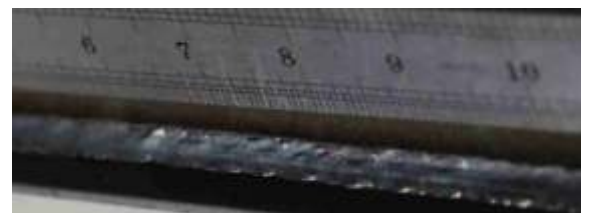
Smooth Ignition. Wire is fed slowly to realize a smooth ignition and perfect welding joints. Precise digital control reduces spatter and cleanup time.

Arc Force adjustment ranges from -9 to +9. Changes from Soft arc to Hard arc. This ensures the demands of high speed welding and complicated welding position can be achieved effortlessly and precisely.

High Quality Welds



Vertical up welding/1.2mm wire/100A/Co2



Vertical down welding/1.2mm Wire/200A/Co2

Reliability

Titan Series equipment are manufactured in accordance with international standards. All Titan Series equipment is manufactured under strict ISO9001 quality management systems



D Degree protection of thunderbolt surge



IP Protection Test



EMC Test



HMT300 Trolley
Supplied with TM2700



4 Roll Metallic
Drive System



Optional Suregrip
250 Spool Gun



∅ 5kg
∅ 15kg



Synergic
Control



Spool
Gun
Ready



Energy
Efficient



MIG TIG MMA



DC
Current



1
Phase
Single
Phase



4 Roll
Drive

Main Features

Easy To Use	4 Roll Drive System
Full Multi Process	Digital Meters
Synergic Control	Spool Gun Interface

Process

Gas MIG Welding	Gasless MIG Welding
Synergic Mig	Single Pulse Mig
Double Pulse Mig	DC Pulse TIG Welding
DC Stick Welding	DC Lift TIG Welding

Package Inclusions

TitanMig 2700 Pulse	4m SureGrip Mig Torch
Regulator & Gas Hose	4m Earth Lead Set
TMT300 Trolley	Spare Rollers

Options/Upgrades

DSP250A24P1	Suregrip 250 Spool Gun
PWP26V-12D50	Tig Torch 26V 4m D50

Ordering Information

TMIG2700P/P1	TitanMig 2700 Pulse Compact Package
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Technical Data

Power Supply (V)	1~240±10% 50/60
Rated Input Kw	12.6(MIG)
I _{max} /I _{eff} MIG (A)	50/29.6
I _{max} /I _{eff} MMA (A)	49/29
Duty Cycle @40°C MIG	35%@275A/100%@163A
Duty Cycle @40°C MMA	35%@250A/100%@148A
Current Adjustment Range	30-275 MIG/10-250 MMA
Voltage Adjustment Range	15.5-27.8 MIG/20-30 MMA
Welding Wire Diameter	0.6/0.8/0.9/1.0/1.2
Efficiency %	85
No Load Voltage V	50V / 24V (VRD)
Net Weight	37kg
Dimensions	685x295x560
Insulation Class	IP 21S
Protection Class	F
Power Factor	0.75
Warranty (Power Source)	2 Years