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Product Brochure For W1129A

# Synergic AC/DC Pulse TIG/ARC PFC Inverter Welder - AdvanceTig400ACDC

400A Three-Phase

| Ex GST | Inc GST |
|---|---|
| $4,994.00 | $5,743.10 |



| | |
|---|---|
| ORDER CODE: | W1129A |
| Type: | AC/DC Pulse TIG/ARC PFC Inverter Welder |
| MODEL: | AdvanceTig400ACDC |
| Part Number: | ~ |
| Voltage / Amperage (V / amp): | 400 / 32 |
| Recommended Plug (amp): | 32 |
| Input Frequency (Hz) (Hz): | ~ |
| Input Current (amp): | 36.5A |
| Imax (A) (amp): | ~ |
| Ieff Current (amp): | ~ |
| Power Rating (kVA): | ~ |
| Rated Output Current (amp / V): | AC/DC TIG - 10-400A |
| Range of Output Current (amp): | ~ |
| Arc Force (amp): | ~ |
| No Load Voltage (V): | ~ |
| Pre-Flow (S) (sec): | ~ |
| Clean Width (%) (%): | ~ |
| Slope-Down Time (S) (sec): | ~ |
| Post-Flow Time (sec): | ~ |
| Base Current (%): | ~ |
| Pulse Frequency (Hz): | ~ |
| Pulse Duty Cycle (%): | ~ |
| TIG Welding Thickness Range (mm): | ~ |
| MMA Welding Thickness Range (mm): | ~ |
| MMA Electrode Range (mm): | ~ |
| Duty Cycle 40 Deg C - TIG (% @ amp): | AC TIG - 400A @ 60%, 310A @ 100% & DC TIG - 400A @ 60%, 310A @ 100% |
| Duty Cycle 40 Deg C - MMA (% @ amp): | MMA - 400A @ 60%, 310A @ 100% |
| Duty Cycle 40 Deg C - Plasma (% @ amp): | ~ |
| Plasma Severance Cut Capacity Carbon Steel (mm): | ~ |
| Plasma Production Cut Capacity Carbon Steel (mm): | ~ |
| Plasma Production Cut Capacity Aluminium (mm): | ~ |
| Dinse Connector: | ~ |
| Protection Class: | ~ |
| Insulation Class: | IP23 |
| Standard: | AS/ IEC60974-1:2012 |
| Remote Control (Yes / ~): | ~ |
| Recommended Generator (kVA): | 25 |
| Efficency (%): | 85 |
| Power Factor: | 0.7 |
| Dimensions (mm): | 640 x 250 x 500 |
| Nett Weight (kg): | 27 |

## Description

Meet the ultimate welding solution: the AdvanceTig400ACDC. With a formidable 400A output and three-phase power, this machine is designed for high-demand environments. Its Synergic control system and full-color LCD make setting adjustments simple and precise, while the integrated heavy-duty trolley option offers mobility in the workshop. Perfect for those who demand reliability, versatility, and performance at the highest levels.

Also available in a pack version with industrial trolley & water cooler, see AdvanceTig400ACDC Pack

Max Output (Tig/Arc) - 400A

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Max Electrode Size - 4.0mm
Input Power Supply - 400V Three Phase 32A

## Features

- IGBT Module Inverter Technology - Smooth & stable output, increased reliability, high duty cycle
- Full Colour LCD Control Screen - Intuitive and clear visibility and setting of control parameters
- TIG Smart Set Synergic Mode - Easy setting of welding parameters according to material, thickness and joint type
- Active PFC Technology - Increased duty cycle and energy efficiency. Can be safely used with long extension lead
- 20 Memory Settings - Ability to quickly save and recall control settings for specific jobs
- AC Sine, Square, Triangle & Mixed AC Wave Options - Ultimate control for every AC tig welding application
- AC/DC Mix & Enhanced Fusion Feature - Faster AC TIG welding speeds
- Modular integrated water cooler option - Easy connection of water-cooled torch with low coolant torch protection function
- Integrated Heavy Duty Industrial Trolley Option - Easy to move around the workshop environment
- Digital Microprocessor Control System - Accurate and reliable setting of control parameters
- Dual Lift TIG and HF Start Modes - Versatility for welding around sensitive electronic equipment
- 2T, 4T & Bi-Level Trigger Control Modes - Ease of operator use for all job applications
- Dual Mode Remote Control Option - Digital up/ down button or potentiometer thumb wheel torch remote control options through a single connection plug (optional add on)
- Wired & Wireless Foot Pedal Control Option (foot control optional extra)
- Electronic HF Tig Arc Ignition System - Contamination free and easy arc starting with low EMF interference
- Spot Welding Mode - Special feature for welding very thin material without heat distortion
- Industrial IP23 casing with front panel protection - Resistant to damage, moisture and corrosion
- Power Source Wind Tunnel Cooling Design - Protection against environmental contamination
- MMA Adjustable Arc Force, Hot Start & Automatic Anti Stick Control - Greater control and ease of use for MMA welding.
- Intelligent Machine Protection System - Temperature, voltage and current sensors for increased reliability & safety
- Phase Loss Protection - Machine automatically shuts down if power supply phase loss occurs, to prevent damage.
- Production tested with 550V - Extreme stress testing in production for rugged reliability.
- Generator Friendly - Designed to work with generator power supply and protect from power surges.
- Smart cooling fan system - Reduces noise and intake of environmental contaminants into machine
- Quick connect inlet gas fitting - Tool-less easy connection of gas supply to machine

## Includes

- 17479 5m Strata heavy duty Arc Lead with twist-lock electrode holder
- 17372 Strata WP18 Series Water Cooled Variable Amp TIG Torch with Rigid Head
- 17478 5m Strata heavy-duty Earth lead & Earth clamp
- GR102ARFL Strata Flowmeter Argon Regulator
- PDL32 Plug Angled 4 Pin 32A 500V

## Specific Features


Left View Lid Open


Left View Lid Open Lights On


Front View


Front View Lid Open

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Front View Lid Open Lights On




Left Side View




Right Side View



Included Accessories

## Recommended Accessories

W1105L
AC/DC Tig Welder Starter Pack




W10361
Magnetic TIG Torch Rest



O352
Gas Refillable Cylinder



O354
Gas Refillable Cylinder



O360
Gas Refillable Cylinder



O362
Gas Refillable Cylinder



O366
Gas Refillable Cylinder



O368
Gas Refillable Cylinder



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# Product Brochure For W1129A

W1140D
Argon Gas Regulator-Twin Gauge



W1142U
1.6mm Tig Tungsten Electrode - Thoriated Red



W1142X
1.6mm Tig Tungsten Electrode - Zirconiated White



W1142V
2.4m Tig Tungsten Electrode - Thoriated Red



W1142Y
2.4mm Tig Tungsten Electrode - Zirconiated White



W1142W
3.2mm Tig Tungsten Electrode - Thoriated Red



W1142Z
3.2mm Tig Tungsten Electrode - Zirconiated White



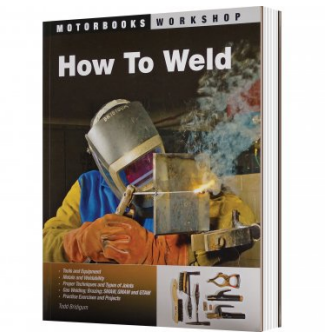
W001
Auto Darken Welding Helmet - 9~13 Shade



W1091
Magnetic Swivel V-Pad Clamps



L3456
How to Weld Book




W1142
Ø1.6mm TIG Filler Rod - Mild Steel



W1142A
Ø2.4mm TIG Filler Rod - Mild Steel



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W1142B
Ø3.2mm TIG Filler Rod - Mild Steel



W1142C
Ø1.6mm TIG Filler Rod - Aluminium



W1142D
Ø2.4mm TIG Filler Rod - Aluminium



W1142E
Ø3.2mm TIG Filler Rod - Aluminium



W1142F
Ø1.6mm TIG Filler Rod - Stainless Steel



W1142G
Ø2.4mm TIG Filler Rod - Stainless Steel



W1142H
Ø3.2mm TIG Filler Rod - Stainless Steel

