

INVERTEC® V276

WEATHER-RESISTANT STICK AND TIG WELDER



Shown:
K4868-2 Invertec® V276

The Invertec V276 stick and TIG power source is ideal for outdoor construction applications. This small package delivers outstanding performance on a wide range of electrode types and sizes. Plus it is built rugged enough to handle the toughest construction sites.

Processes »

Stick, TIG, Gouging

Applications »

Construction, Fabrication,
Maintenance, Repair

Output »



Input »



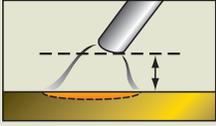
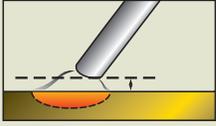
Product Numbers »

K4868-1 Invertec V276 - Tweco® Model
K4868-2 Invertec V276-Twist Mate® Model



Two Year Extended
Warranty Available in
the U.S.A. and Canada

KEY FEATURES

- **Outstanding AWS E6010 and E7018 performance** - using up to 7/32 in. [5.5 mm] diameter electrode that enables both whip and drag techniques for a variety of construction and fabrication applications.
 - **Touch Start TIG®** - allows the welding arc to be established without high frequency starting.
 - **Air carbon arc cutting and gouging** - with up to 3/16 in. [4.8 mm] diameter carbon electrode.
 - **Selectable Hot Start** - turn it on for an extra boost of output to help you fire off and prevent sticking to the work piece.
 - **Variable Arc Force** - dial in the “soft” or “crisp” arc you want.
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- Soft*

Crisp
- **All-in-one machine** - 208/220/230/380/400/415/440/460/575 – single or three phase input volt settings.
 - **Digital meters** - Provides precise control of output settings

KEY CONTROLS

1. Amp/Volt Meter
2. Amps Control
3. Thermal Protection Indicator
4. Hot Start Control
5. Arc Force Knob
6. On/Off Switch
7. Negative and Positive Output Terminals
8. Remote Output Control Receptacle - 6-Pin
9. Mode Selection Switch (Stick/Touch Start TIG®)
10. Local/Remote Output Control



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RACK OPTIONS



K4869-1 Invertec V276 4-Pack Rack



K4869-2 Invertec V276 8-Pack Rack

RECOMMENDED ACCESSORIES

GENERAL OPTIONS



Tweco™ Style Plug (male)
For connecting welding cable to output terminal receptacles. For 1/0-2/0 (50-70 mm²) cable.
Order K3416-70



Tweco™ Style Receptacle (female)
For connecting welding cable to output terminal receptacles. For 2/0-3/0 (70-95 mm²) cable.
Order K3417-70



TwistMate® Style Plug (male)
For connecting welding cable to output terminal receptacles. For 1/0-2/0 (50-70 mm²) cable.
Order K1759-70



TwistMate® Style Receptacle (female)
For connecting welding cable to output terminal receptacles. For 1/0-2/0 (50-70 mm²) cable.
Order K852-70



STICK OPTIONS

Accessory Kit
For stick welding. Includes 35 ft. (10.7 m) 2/0 electrode cable with lug, 30 ft. (9.1 m) 2/0 work cable with lugs, headshield, filter plate, cover plate, work clamp and electrode holder. 400 amp capacity.
Order K704



Accessory Kit
For stick welding. Includes 20 ft. (6.1 m) #6 electrode cable with lug, 15 ft. (4.6 m) #6 work cable with lugs, headshield, work clamp, and electrode holder. 150 amp capacity.
Order K875



Remote Output Control
Consists of a control box with choice of two cable lengths. Permits remote adjustment of output. 6-pin connection.
Order K857 for 25 ft. (7.6 m) Order K857-1 for 100 ft. (30 m)

TIG OPTIONS



17V Air-Cooled TIG-Mate™ Starter Kit
Get everything you need for TIG welding in one complete easy-to-order kit packaged in its own portable carrying case. Includes: PTA-17V Ultra-Flex™ torch, parts kit, Harris flowmeter/regulator, 10 ft. (3.0 m) gas hose, and work clamp and cable.
Order K2265-1



Tweco™ Torch Adapter
Allows a one-cable TIG Torch to connect to the machine's Tweco® style output terminal.
Order K960-4



Foot Ampctrl™
Provides 25 ft. (7.6 m) of remote output control for TIG welding (6-pin plug connection).
Order K870



Hand Ampctrl™
Provides 25 ft. (7.6 m) of remote current control for TIG welding (6-pin plug connection). Velcro straps secure torch.
Order K963-3 (One size fits all Pro-Torch™ TIG Torches.)

PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D inches (mm)	Net Weight lbs. (kg)
Invertec® V276 (Tweco®) ¹⁾	K4868-1	*208/230/460/575/3/60	*275A/31V/35% 250A/30V/60% 200A/28V/100%	*/37/19/16 35/33/17/14 27/25/13/11	20-275	13.6 x 9.0 x 20.25 [345 x 229 x 514]	54.5 (24.7)
-or-	-or-	*208/*230/460/575/1/60	*275A/31V/35% 250A/30V/60% 200A/28V/100%	*/*/37/31 65/60/33/27 49/50/26/21			
Invertec® V276 (Twist Mate)	K4868-2	220/380/400/415/440/3/50	250A/30V/60% 200A/28V/100%	30/19/18/18/17 23/14/14/14/13			
		220/380/400/415/440/1/50	250A/30V/60% 200A/30V/60%	58/37/36/34/34 44/29/27/26/24			

*Rating not applicable for 208VAC three phase or 208/230VAC single phase.

For best welding results with Lincoln Electric® equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details.

CUSTOMER ASSISTANCE POLICY

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Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

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