

# ES276i Stick Welder

The ES276i is ideal for outdoor construction applications. This small package delivers outstanding performance on a wide range of electrode types and sizes. Plus it is enough to handle the toughest construction sites. Standard features include Hot Start, adjustable Arc Force, full Remote Control capability and Extreme-Duty construction.

## Processes

- Stick, Touch Start DC TIG and Carbon Arc Gouging

## Welding Output

- 20–275 amps

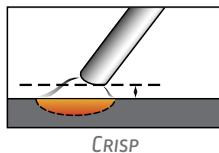
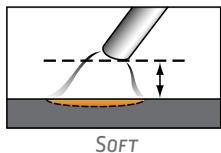


## Input Power

- 208/220/230/380/400/415/440/460/575/1/3/60
- 4Pak and 8Pak 460/575/3/60

## 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



- Digital meters - provides precise control of output settings
- Available in 4Pak and 8Pak Configurations
- Can fit through a standard 36 inch man door



ES276i 4pak with shop wheels

## Accessories

- Remote Output Control available with 50 ft and 100 ft extensions

## TIG Options

- K960-1 Tweco Style TIG Torch Adapter
- K960-1 Twist-Mate Torch Adapter - For connection of PTA-9 or PTA-17v torches (1 piece cable) to power sources without as passing through the Twist-Mate connection
- K870 Foot Amptrol™ - Varies current while welding for making critical TIG welds and crater filling. Includes 25 ft. (7.6m) control cable
- K963-1 Hand Amptrol - may be used in place of the Foot Amptrol. Fastens to the torch for convenient thumb control. Comes with a 25 ft. (7.6m) cable (for smaller handle 9, 17 or 20 series torches)
- K963-2 Hand Amptrol (for larger handle 18 or 26 series torches)

## Product Number

K4868-3

1-866-733-3272

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## ES276i Specifications

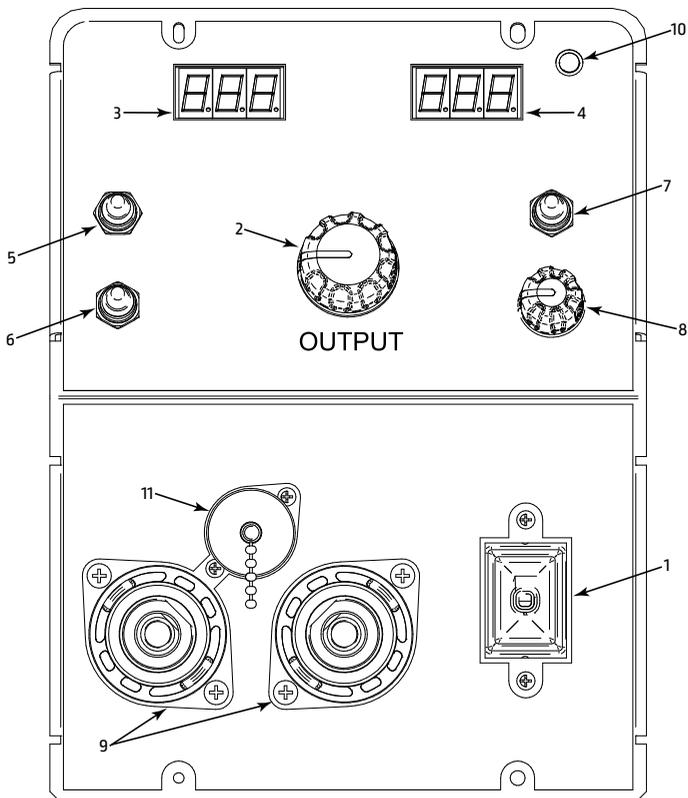
Input Power	Hertz	Input Power Volts	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Dimensions	Net Weight
3-phase	60	208/230/460/575	275A/31V/35% 250A/30V/60% 200A/28V/100%	* /37/19/16 35/33/17/14 27/25/13/11	20-275A	H: 13.6 in. [345 mm] W: 9 in. [229 mm] D: 20.25 in. [514 mm]	54.5 lbs. [24.7 kg]
1-phase				* / * /37/31 65/60/33/27 49/50/26/21			

## ES276i Pak Specifications

Product	Hertz	Pak Input Power Voltage/Phase	Dimensions	Net Weight
4Pak	60	460/575/3	H:44.5 in. x W:31 in. x D:35.75 in. [1130 mm x 787 mm x 908 mm]	480 lbs. [217.7 kg]
8Pak			H:46.75 in. x W:60 in. x D:27.50 in. [1187 mm x 1524 mm x 699 mm]	987 lbs. [447.7 kg]

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

## Control Panel



- 1 Power Switch
- 2 Output Control
- 3 Current Display
- 4 Voltage Display
- 5 Local/Remote Switch
- 6 Mode Switch
- 7 Hot Start
- 8 Arc Force
- 9 Output Terminals, Tweco Style
- 10 Thermal Shutdown Indicator
- 11 6-Pin Remote Receptacle

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