

# CST™ 280 4-Pack and 8-Pack Rack

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Multioperator  
Welding Systems 

## Quick Specs

### Heavy Industrial Applications

Construction  
Turnarounds  
Maintenance  
Shipbuilding  
Rental Fleets

### Processes

Stick (SMAW)  
TIG (GTAW)  
Air Carbon Arc (CAC-A)  
Cutting and Gouging

**Input Power:** 220–230/460/575 V, 60 Hz, 3-Phase

### Dimensions: 4-Pack

H: 50.75 in (1289 mm)  
W: 25.5 in (648 mm)  
D: 26.5 in (673 mm)

### 8-Pack

H: 50.75 in (1289 mm)  
W: 46 in (1165 mm)  
D: 26.5 in (673 mm)

### Rack Weight with Power Sources:

**4-Pack** 355 lb (161 kg)    **8-Pack** 640 lb (290 kg)

## The Power of Blue.®



The small size and weight of the 4-Pack Rack makes it ideal for applications where a high degree of portability is required, such as elevators.

**New!**



The CST 280 Racks are designed to perform Lift Arc™ TIG, and Stick welding with electrodes up to 3/16 in diameter. The CSTs can also provide for Air Carbon Arc Gouging by paralleling two power sources in the rack.

## CST Rack Benefits

**Arc Performance** — Excellent weld performance is provided in both Stick and TIG. Superior Stick arc performance even on the difficult-to-run electrodes like E6010.

**Simplicity** — Minimum operator controls require no training. Adaptive Hot Start™ automatically sets optimum starting conditions for stick electrode. Process selector switch automatically sets the optimum volt-amp curve and DIG for Stick welding based on electrode type.

**Durability** — Individual power source and rack enclosure designed to meet the needs of field construction.

**Portability** — Smallest and lightest 8-Pack Rack available.



Warranted for 3 years parts and labor.

MADE IN **USA**  
APPLETON, WI **USA**



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# CST™ 280 Rack Additional Features



Shown with optional running gear.

**Common output ground connection** (for same polarity use only).

**Meets NEC requirements when properly installed** and utilizing recommended primary circuit protection and proper fuse breakers selection for primary power applied to rack.

**Meets IP23S and more stringent IP23M.**

**All racks can be equipped with optional running gear.** The large 5 in diameter wheels enable the rack to be moved over grating and driveway gravel.

**Junction box with fuses** for each machine.

## Specifications (Subject to change without notice.)



Power Source	Input Power to Rack	Capacity	Dimensions	Net Weight
CST 280	220–230/460/575 VAC, 60 Hz, 3-Phase	4	H: 50-3/4 in (1289 mm) W: 25-1/2 in (648 mm) D: 26-1/2 in (673 mm)	355 lb (161 kg)
		8	H: 50-3/4 in (1289 mm) W: 46 in (1165 mm) D: 26-1/2 in (673 mm)	640 lb (290 kg)

## Air Carbon Arc Electrode Size

Power Source	Single Power Source	Parallel Power Source
CST 280	Up to 3/16 in	Up to 5/16 in

## Ordering Information

Power Source Racks and Options	Stock No.	Description	Qty.	Price
<b>CST™ 280 Rack w/ Dinse-style connectors*</b>	<b>#907 245</b>	Rack with 4 CST 280, 220–230/460/575 VAC (Includes 25 A fuses for 460 V)		
<b>CST™ 280 Rack w/ Tweco-style connectors*</b>	<b>#907 247</b>	Rack with 4 CST 280, 220–230/460/575 VAC (Includes 25 A fuses for 460 V)		
<b>CST™ 280 Rack w/ Tweco-style connectors*</b>	<b>#907 365</b>	Rack with 8 CST 280, 220–230/460/575 VAC (Includes 25 A fuses for 460 V)		
<b>Running Gear for Rack</b>	<b>#195 114</b>	For 4-Pack Rack		
	<b>#195 436</b>	For 8-Pack Rack		
<b>Fuse</b>	<b>#199 795</b>	30 amp fuse for 220 or 230-volt input (Order 12 per 4-Pack Rack or 24 per 8-Pack Rack)		
	<b>#212 541</b>	20 amp fuse for 575-volt input (Order 12 per 4-Pack Rack or 24 per 8-Pack Rack)		
<b>TIG Accessories</b>				
Weldcraft® TIG Torches <i>These two-cable TIG torches require the installation of a Dinse Connector (042418) or Tweco Style Connector (195115) depending on the CST Model Connector Type.</i>	<b>WP-17V-12-2</b>	150 A, 12 ft (3.7 m), air-cooled TIG torch with valve, two-piece cable		
	<b>WP-17V-25-2</b>	150 A, 25 ft (7.6 m), TIG torch with valve, two-piece cable		
	<b>WP-26V-12-2</b>	200 A, 12 ft (3.7 m), air-cooled TIG torch with valve		
	<b>WP-26V-25-2</b>	200 A, 25 ft (7.6 m), air-cooled TIG torch with valve		
<b>Remote Controls</b>				
RHC-14 Remote Control	<b>#129 340</b>	Remote current hand control		
RCC-14	<b>#151 086</b>	Remote current side-to-side rotary control		
RCCS-14	<b>#043 688</b>	Remote current up and down rotary control		
RFCS-14	<b>#043 554</b>	Remote current foot pedal control		
RFCS-14 HD	<b>#194 744</b>	Remote current foot pedal control with 20 ft (6 m) cord and 14-pin plug		
Extension Cord for Remote Controls	<b>#122 973</b>	25 ft (7.6 m)		
	<b>#122 974</b>	50 ft (15.2 m)		
	<b>#122 975</b>	75 ft (22.8 m)		
<b>Cable Connectors and Adapters</b>				
International-Style Connector	<b>#042 418</b>	50 mm		
Extension Kit for International-Style	<b>#042 419</b>	50 mm		
International/Tweco® Adapter	<b>#042 465</b>	A one-piece adapter with International-style male plug		
International/Cam-Lok Adapter	<b>#042 466</b>	A one-piece adapter with International-style male plug		
<b>Tweco-style Connectors</b>				
Tweco-style Connector	<b>#195 115</b>	50 mm		
Adapter, Tweco/International	<b>#195 116</b>	One-piece adapter with Tweco-style male connector and international-style female connector		

Date:

Total Quoted Price:

\*The Dinse version of the CST 280 includes one set of male connectors. The Tweco version does not.

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