

# 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) Lift-Arc™  
Air Carbon Arc (CAC-A)  
Cutting and Gouging

**Input Power:** 220–230/460–575 V, 50/60 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.®

### 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. Both racks include lift truck fork pockets and lift eye(s).



*Shown with optional running gear.*



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.

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



Warranted for 3 years parts and labor.



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# CST™ 280 Rack Additional Features

**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.**

**Junction box with fuses** for each machine. Equipped with fuses for 460 V operation. Fuses must be ordered separately for 220–230 or 575 V primary power.

**Optional Running Gear available for all racks.** The large 5-inch-diameter wheels enable the rack to be moved over grating and driveway gravel.

## 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.

## Specifications (Subject to change without notice.)



Model	Input Power to Rack	Amps Input at Rated Load Output, 50/60 Hz						KVA	KW	Dimensions	Net Weight
		220 V	230 V	400 V	440 V	460 V	575 V				
CST 280 4-Pack Rack	220–230/460–575 VAC, 50/60 Hz, 3-Phase	137	134	79	72	70	57	58.4	40.8	H: 50.75 in. (1289 mm) 4-Pack W: 25.5 in. (648 mm)	355 lb. (161 kg)
CST 280 8-Pack Rack	220–230/460–575 VAC, 50/60 Hz, 3-Phase	274	268	158	145	140	114	116.8	81.6	8-Pack W: 46 in. (1165 mm) D: 26.5 in. (673 mm)	640 lb. (290 kg)

## Ordering Information

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

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>CST™ 280 Rack w/ Dinse-style connectors, VRD*</b>	<b>#907 246</b>	Rack with 4 CST 280, 208–230/400–460 VAC, with VRD capability		
<b>Running Gear for Rack</b>	<b>#195 114</b> <b>#195 436</b>	For 4-pack rack For 8-pack rack		
<b>Fuse</b>	<b>#199 795</b> <b>#212 541</b>	30 A fuse for 220 or 230 V input (Order 12 per 4-pack rack or 24 per 8-pack rack) 20 A fuse for 575 V input (Order 12 per 4-pack rack or 24 per 8-pack rack)		
<b>Weldcraft® TIG Torches</b>				
<i>These two-cable TIG torches require the installation of a Dinse-Style Connector (#042 418) or Tweco-Style Connector (#191 981) depending on 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), air-cooled 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>				
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		
RHC-14	<b>#242 211 025</b>	25 ft. (7.6 m). Remote current hand control		
	<b>#242 211 050</b>	50 ft. (15.2 m). Remote current hand control		
	<b>#242 211 100</b>	100 ft. (30.5 m). Remote current hand control		
RFCS-14	<b>#043 554</b>	Remote current foot control		
RFCS-14 HD	<b>#194 744</b>	Heavy-duty remote current foot pedal control		
Wireless Remote Foot Control	<b>#300 429</b>	Remote current foot control with wireless 90-ft. (27.4 m) operating range		
Wireless Remote Hand Control	<b>#300 430</b>	Remote current hand control with wireless 300-ft. (91.4 m) operating range		
Extension Cables for 14-Pin Remote Controls	<b>#242 208 025</b>	25 ft. (7.6 m)		
	<b>#242 208 050</b>	50 ft. (15.2 m)		
	<b>#242 208 080</b>	80 ft. (24.4 m)		
<b>Cable Connectors and Adapters</b>				
Dinse-Style Connector	<b>#042 418</b>	#4 AWG to #1/0 cable size		
Extension Kit for Dinse-Style Connector	<b>#042 419</b>	#4 AWG to #1/0 cable size		
Dinse/Tweco® Adapter	<b>#042 465</b>	One-piece adapter with Dinse-style male plug and Tweco-style female receptacle		
Dinse/Cam-Lok Adapter	<b>#042 466</b>	One-piece adapter with Dinse-style male plug and Cam-Lok receptacle		
Tweco/Dinse Adapter	<b>#210 061</b>	One-piece adapter with Tweco-style male plug and Dinse-style female receptacle		
Tweco-Style Connector	<b>#191 981</b>	1/0 to 2/0 cable size		

Date:

Total Quoted Price:



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