

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
CST™ 280 Rack w/ Dinse-style connectors*	#907 245	Rack with 4 CST 280, 220–230/460–575 VAC (Includes 25 A fuses for 460 V)		
CST™ 280 Rack w/ Tweco-style connectors*	#907 247	Rack with 4 CST 280, 220–230/460–575 VAC (Includes 25 A fuses for 460 V)		
CST™ 280 Rack w/ Tweco-style connectors*	#907 365	Rack with 8 CST 280, 220–230/460–575 VAC (Includes 25 A fuses for 460 V)		
CST™ 280 Rack w/ Dinse-style connectors, VRD*	#907 246	Rack with 4 CST 280, 208–230/400–460 VAC, with VRD capability		
Running Gear for Rack	#195 114 #195 436	For 4-pack rack For 8-pack rack		
Fuse	#199 795 #212 541	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)		
Weldcraft® TIG Torches				
<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>				
	WP-17V-12-2	150 A, 12 ft. (3.7 m), air-cooled TIG torch with valve, two-piece cable		
	WP-17V-25-2	150 A, 25 ft. (7.6 m), air-cooled TIG torch with valve, two-piece cable		
	WP-26V-12-2	200 A, 12 ft. (3.7 m), air-cooled TIG torch with valve		
	WP-26V-25-2	200 A, 25 ft. (7.6 m), air-cooled TIG torch with valve		
Remote Controls				
RCC-14	#151 086	Remote current side-to-side rotary control		
RCCS-14	#043 688	Remote current up and down rotary control		
RHC-14	#242 211 025	25 ft. (7.6 m). Remote current hand control		
	#242 211 050	50 ft. (15.2 m). Remote current hand control		
	#242 211 100	100 ft. (30.5 m). Remote current hand control		
RFCS-14	#043 554	Remote current foot control		
RFCS-14 HD	#194 744	Heavy-duty remote current foot pedal control		
Wireless Remote Foot Control	#300 429	Remote current foot control with wireless 90-ft. (27.4 m) operating range		
Wireless Remote Hand Control	#300 430	Remote current hand control with wireless 300-ft. (91.4 m) operating range		
Extension Cables for 14-Pin Remote Controls	#242 208 025	25 ft. (7.6 m)		
	#242 208 050	50 ft. (15.2 m)		
	#242 208 080	80 ft. (24.4 m)		
Cable Connectors and Adapters				
Dinse-Style Connector	#042 418	#4 AWG to #1/0 cable size		
Extension Kit for Dinse-Style Connector	#042 419	#4 AWG to #1/0 cable size		
Dinse/Tweco® Adapter	#042 465	One-piece adapter with Dinse-style male plug and Tweco-style female receptacle		
Dinse/Cam-Lok Adapter	#042 466	One-piece adapter with Dinse-style male plug and Cam-Lok receptacle		
Tweco/Dinse Adapter	#210 061	One-piece adapter with Tweco-style male plug and Dinse-style female receptacle		
Tweco-Style Connector	#191 981	1/0 to 2/0 cable size		

Date:

Total Quoted Price:



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