CST 280 4-Pack and 8-Pack Rack

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)

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).

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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MillerWelds.com

ISO 9001
REGISTERED QUALITY SYSTEM
**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.

### Specifications

(Subject to change without notice.)

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

**Ordering Information**

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

<table>
<thead>
<tr>
<th>Power Source Racks and Options</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Running Gear for Rack 4-Pack Rack</td>
<td>#195 114</td>
<td>For 4-pack rack</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Running Gear for Rack 8-Pack Rack</td>
<td>#195 436</td>
<td>For 8-pack rack</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuse 30 A fuse for 220 or 230 V input (Order 12 per 4-pack rack or 24 per 8-pack rack)</td>
<td>#199 795</td>
<td>30 A fuse for 220 or 230 V input (Order 12 per 4-pack rack or 24 per 8-pack rack)</td>
<td>#212 541</td>
<td>20 A fuse for 575 V input (Order 12 per 4-pack rack or 24 per 8-pack rack)</td>
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</tbody>
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**Weldcraft® TIG Torches**

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.

**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 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

**Air Carbon Arc Electrode Size**

<table>
<thead>
<tr>
<th>Power Source</th>
<th>Single Power Source</th>
<th>Parallel Power Source</th>
</tr>
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<tbody>
<tr>
<td>CST 280</td>
<td>Up to 3/16 in.</td>
<td>Up to 5/16 in.</td>
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Date:

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<tr>
<th>Total Quoted Price:</th>
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</thead>
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