

CST™ 282

See literature DC/29.6

Durable power source designed for the construction industry. Ideal for stick electrodes up to 3/16-inch and TIG welding of pipe and plate.

NEW!



**WIRELESS
REMOTE
COMPATIBLE**
See page 125

CST 282 with Tweco®-style receptacles shown.

Superior stick arc performance even on the difficult-to-run electrodes like E6010.

AUTO-LINE TECHNOLOGY For portability and reliability, Auto-Line allows for any input voltage hookup (208–575 V, single- or three-phase) with no manual linking, providing convenience in any job setting. Ideal solution for dirty or unreliable power.

Digital meter for more precise control when presetting or monitoring welding amperage.

Portable in the shop or at the jobsite – at 34.6 pounds (15.7 kg) the CST 282 is easily moved from location to location.

Lift-Arc™ provides TIG arc initiation without the use of high frequency.

Universal connector system allows the machine to be quickly configured to either Tweco®- or Dinse-style receptacles. Extra receptacles and wrench are sold separately as Universal Connector Kits.



Industrial ● **CC DC 3 1**
Phase Phase

Processes

- Stick (SMAW)
- TIG (GTAW)

Comes with

- 6 ft. (1.8 m) power cord

Most popular accessories

- CST 282 Rack (see below)
- Remote Controls (pg 124–125)
- Universal Connector Kits
301611 Tweco-style receptacles
301595 Dinse-style receptacles
- For TIG torches see literature DC/29.6

Visit MillerWelds.com or your distributor for other Miller® options and accessories.

Stock Number (907770) Tweco® (907810) Dinse 208–575 V	Welding Process	Input Power	Welding Amperage Range	Rated Output	Amps Input at Rated Load Output, 50/60 Hz					KVA	KW	Max. Open-Circuit Voltage	Dimensions	Net Weight			
					208 V	230 V	400 V	460 V	575 V								
	Stick	Three-phase	30–280	280 A at 31.2 V, 35% duty cycle	29.63	26.65	15.71	13.92	12.08	12	10.2	103 VDC	H: 13.5 in. (343 mm) W: 8 in. (203 mm) D: 18.5 in. (470 mm)	34.6 lb. (15.7 kg)			
				200 A at 28 V, 100% duty cycle	18.86	17.09	10.6	9.37	8.02	8	6.4						
		Single-phase	30–280	200 A at 28 V, 50% duty cycle	33.7	30.65	17.61	16.18	14.51	8.3	6.6						
				150 A at 26 V, 100% duty cycle	23.07	20.59	12.97	11.8	11.15	6.4	4.5						
	TIG	Three-phase	5–280	280 A at 21.2 V, 35% duty cycle	20.77	18.85	11.54	10.22	8.95	8.9	7.1				9.5 VDC		
				200 A at 18 V, 100% duty cycle	12.89	11.74	7.42	6.55	5.49	5.4	4.3						
Single-phase	5–280	200 A at 18 V, 50% duty cycle	22.12	19.71	12.89	11.06	10.61	6.1	4.4								
		150 A at 16 V, 100% duty cycle	14.84	13.38	8.73	8.63	7.72	5.1	2.9								

CST™ 282 Racks

See literature DC/29.6

Rugged enclosure provides simple means for protecting and transporting multiple welding power sources for construction, power plant turn-arounds and shipbuilding applications.

NEW!



4-pack rack

8-pack rack

Note: For additional rack systems see XMT® Racks on page 45 and Dimension 650 ArcReach Rack on page 46.

**WIRELESS
REMOTE
COMPATIBLE**
See page 125

One easy connection allows up to eight inverters to be connected with one primary power drop.

All controls including power switch are located on front of machine for easy access.

Top cover protects machines from falling debris.

Lift eye(s) simplify crane or overhead lifting device transport.

Lift truck fork pockets.

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

Racks include casters that can be bolted to the rack base. Two swivel casters and two non-swivel casters. Large 5-inch diameter wheels enable the rack to be moved over grating and driveway gravel.

Heavy industrial ● **CC DC 3**
Phase

Processes

- Stick (SMAW)
- TIG (GTAW)

Comes with

- Cables to connect power sources to common work connection
- 5-inch casters

Most popular accessories

- Remote Controls (pg 124–125)
- For TIG torches see literature DC/29.6

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Model	Stock Number	Rack Capacity	Input Power to Rack	Amps Input at Rated Load Output, 50/60 Hz			KVA	KW	Dimensions (H x W x D) (Includes lift eye)	Net Weight
				230 V	460 V	575 V				
4-Pack Rack	(951883) Tweco®	4 units	208–575 V, three-phase, 50/60 Hz (fused for 460 V)	106.5	56	48.5	48	40.8	50.75 x 25.5 x 26.5 in. (1,289 x 648 x 673 mm)	330 lb. (150 kg)
8-Pack Rack	(907812) Tweco®	8 units		213	112	97	96	81.6	59.38 x 43 x 34.38 in. (1,508 x 1,092 x 873 mm)	550 lb. (250 kg)
Empty Rack	(301609)	4 units	–	–	–	–	–	Same as 4-pack rack above	166 lb. (75 kg)	
	(301610)	8 units	–	–	–	–	–	Same as 8-pack rack above	280 lb. (127 kg)	