

Dynasty 280DX

Part No: MR907514002



NEW PRODUCT

AVAILABLE SEPTEMBER 2014

UPGRADABLE & EXPANDABLE

Front panel memory card data port provides the ability to easily upgrade software and expand product features.

PRO-SET

Eliminates the guesswork when setting weld parameters. Use Pro-Set when you want the speed, convenience and confidence of preset controls. Simply select the feature and adjust until Pro-Set appears on the display.

SLEEP TIMER

Conserves electricity. This programmable feature will power down the machine if it sits idle for a specific time.

BLUE LIGHTNING™

High-frequency (HF) arc starter for non-contact arc initiation. Provides more consistent arc starts and greater reliability compared to traditional HF arc starters.

WIND TUNNEL TECHNOLOGY™

Protects internal electrical components from airborne contaminants, extending the product life.

METER CALIBRATION

Allows digital meters to be calibrated for certification.

COOL POWER SUPPLY

Integrated 120-volt dedicated-use receptacle to power the Coolmate™ 1.3. The power switch on the Maxstar also activates the receptacle to help prevent torch failure.

FAN-ON-DEMAND™

Power source cooling system operates only when needed, reducing noise, energy use and the amount of contaminants pulled through the machine.

DC TIG FEATURES

➤ Exceptionally smooth and precise arc for welding exotic materials.

AC TIG FEATURES

- Balance control provides adjustable oxide removal which is essential for creating the highest quality aluminum welds. DX models provide extended ranges.
- Frequency controls the width of the arc cone and can improve directional control of the arc.

AC/DC STICK FEATURES

- Hot Start™ adaptive control provides positive arc starts without sticking.
- AC frequency control adds stability for smoother welds when AC Stick welding.
- Stick-Stuck detects if the electrode is stuck to the part and turns the welding output off to safely and easily remove the electrode. Menu selectable.

3 YEAR WARRANTY

For details, refer to Miller's True Blue warranty statement.

APPLICATIONS

- Precision Fabrication
- Heavy Fabrication
- Pipe and Tube Fabrication
- Aerospace
- Aluminum Ship Repair
- Anodized Aluminum Fabrication

PROCESSES

- AC/DC TIG (GTAW)
- Pulsed TIG (GTAW-P)
- Stick (SMAW)



WELDING MODE	RATED OUTPUT	AMPS INPUT AT RATED OUTPUT, 50/60 HZ			DIMENSIONS (MM)	WEIGHT
		230 V 1 PHASE	400 V 3 PHASE	KVA		
TIG (GTAW)	235 A at 19.4 V, 60% Duty Cycle	30 A	10 A	12.5	H: 346 W: 219 D: 269	25kg
Stick (SMAW)	235 A at 19.4 V, 60% Duty Cycle	31 A	11 A	12.5		