

# Why Choose a FLEXTEC™ 650?

**FLEXible TEChnology<sup>SM</sup>**

This multi-process welder delivers up to 815 amps of welding power for a wide variety of applications, including construction and fabrication. It features an IP23 rating for outdoor operation and storage, and the latest inverter technology will save you real dollars on the utility costs associated with your welding operations.



## Flextec™ 650 vs. Competition

Feature	Lincoln Electric Flextec™ 650	Miller Electric Dimension™ 652	Miller Electric Deltaweld® 652	Advantage Lincoln
<b>APPLICATION</b>				
Welding Power (Amperage Range)	10-815A	50-815A	50-815A	Outperforms competitive equipment at the low end and matches at the top end.
<b>SPECIFICATIONS</b>				
Footprint	473 in. <sup>2</sup>	874 in. <sup>2</sup>	874 in. <sup>2</sup>	Smaller footprint saves space while providing the necessary power and welding processes to complete the job.
Size	10,337 in. <sup>3</sup>	26,220 in. <sup>3</sup>	26,220 in. <sup>3</sup>	Reduced size and weight provide on the job portability and reduced transportation costs.
Weight	165 lbs.	545 lbs.	472 lbs.	
Rated Output	650A 44 VDC 100% Duty Cycle	650A 44 VDC 100% Duty Cycle	650A 44 VDC 100% Duty Cycle	Delivers the same welding output in a more compact package.
Required Input Current at Rated Output on 460V	42A	63A	48A	Energy efficiency of inverter technology reduces overall energy costs.

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**LINCOLN**  
**ELECTRIC**  
THE WELDING EXPERTS®

<b>Flextec™ 650 vs. Competition</b>				
<b>Feature</b>	<b>Lincoln Electric Flextec™ 650</b>	<b>Miller Electric Dimension™ 652</b>	<b>Miller Electric Deltaweld® 652</b>	<b>Advantage Lincoln</b>
<b>PROFESSIONAL FEATURES</b>				
<b>Desert Duty® Rated</b>	<b>Yes</b>	<b>No</b>	<b>No</b>	<b>Welding outputs are rated for extreme temperature operation up to 55°C (131°F).</b>
<b>Outdoor Service Rated</b>	<b>Yes</b>	<b>No</b>	<b>No</b>	<b>IP23 rated for outdoor use and storage.</b>
<b>Extreme Product Testing</b>	<b>Salt, rain, humidity, drop, jerk, vibration, impact, others</b>	<b>Not Specified</b>	<b>Not Specified</b>	<b>The Flextec™ 650 was subjected to extreme testing to ensure that this inverter-based power source can meet and exceed the ruggedness and durability of any conventional power source in its class.</b>
<b>Auxiliary Power</b>	<b>115V, 15 Amps</b>	<b>115V, 15 Amps</b>	<b>115V, 15 Amps</b>	<b>Power lights and industrial tools, even in this compact design.</b>
<b>Process Control</b>	<b>Maximum Control</b>	<b>Medium Control</b>	<b>Minimal Control</b>	<b>Additional control functions presented with a simple interface allow for precise process control.</b>
<b>GENERAL</b>				
<b>System Selection</b>	<b>6 Options</b>	<b>3 Options</b>	<b>3 Options</b>	<b>More system package options simplify the ordering process and reduce set up time.</b>