



# Certificate of Compliance

**Certificate:** 80023927

**Master Contract:** 154649

**Project:** 80023927

**Date Issued:** 2019-11-25

**Issued To:** ITW Welding Group  
1635 W Spencer St  
Appleton, Wisconsin, 54912  
United States

**Attention:** Terry Christianson-Plato

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*

**Issued by:** Sam Zaffino  
Sam Zaffino



## **PRODUCTS**

CLASS - C561103 - WELDING MACHINES

CLASS - C561183 - WELDING MACHINES Certified to US Standards

### **Part A: Model: DELTAWELD 500 208-230/460V**

#### **GMAW Specifications:**

Input: 208 VAC, 60Hz, Three Phase

Output: 500 ADC / 39.0 VDC, 100% Duty Cycle, OCV 70 VDC

Input: 208 VAC, 60Hz, Three Phase

Output: 575 ADC / 42.75 VDC, 60% Duty Cycle, OCV 70 VDC

Input: 208 VAC, 60Hz, Three Phase



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Output: 650 ADC / 44.0 VDC, 25% Duty Cycle, OCV 70 VDC

Input: 230/460 VAC, 60Hz, Three Phase  
Output: 500 ADC / 39.0 VDC, 100% Duty Cycle, OCV 79 VDC

Input: 230/460 VAC, 60Hz, Three Phase  
Output: 575 ADC / 42.75 VDC, 60% Duty Cycle, OCV 79 VDC

Input: 230/460 VAC, 60Hz, Three Phase  
Output: 650 ADC / 44.0 VDC, 25% Duty Cycle, OCV 79 VDC

**CAC-A Specifications:**

Input: 208 VAC, 60Hz, Three Phase  
Output: 500 ADC / 40.00 VDC, 100% Duty Cycle, OCV 70 VDC

Input: 208 VAC, 60Hz, Three Phase  
Output: 575 ADC / 43.0 VDC, 60% Duty Cycle, OCV 70 VDC

Input: 208 VAC, 60Hz, Three Phase  
Output: 650 ADC / 44.0 VDC, 25% Duty Cycle, OCV 70 VDC

Input: 230/460 VAC, 60Hz, Three Phase  
Output: 500 ADC / 40.0 VDC, 100% Duty Cycle, OCV 79 VDC

Input: 230/460 VAC, 60Hz, Three Phase  
Output: 575 ADC / 43.0 VDC, 60% Duty Cycle, OCV 79 VDC

Input: 230/460 VAC, 60Hz, Three Phase  
Output: 650 ADC / 44.0 VDC, 25% Duty Cycle, OCV 79 VDC

**Input Current Specifications:**

$U_1$ : 208 VAC,  $I_{1max}$ : 94.2 A,  $I_{1eff}$ : 65.4 A

$U_1$ : 230 VAC,  $I_{1max}$ : 84.9 A,  $I_{1eff}$ : 59.6 A

$U_1$ : 460 VAC,  $I_{1max}$ : 43.9 A,  $I_{1eff}$ : 31.1 A

**Part B: Model: DELTAWELD 500 575V**

**GMAW Specifications:**

Input: 575 VAC, 60Hz, Three Phase  
Output: 500 ADC / 39.0 VDC, 100% Duty Cycle, OCV 79 VDC

Input: 575 VAC, 60Hz, Three Phase  
Output: 575 ADC / 42.75 VDC, 60% Duty Cycle, OCV 79 VDC



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Input: 575 VAC, 60Hz, Three Phase  
Output: 650 ADC / 44.0 VDC, 25% Duty Cycle, OCV 79 VDC

**CAC-A Specifications:**

Input: 575 VAC, 60Hz, Three Phase  
Output: 500 ADC / 40.00 VDC, 100% Duty Cycle, OCV 79 VDC

Input: 575 VAC, 60Hz, Three Phase  
Output: 575 ADC / 43.0 VDC, 60% Duty Cycle, OCV 79 VDC

Input: 575 VAC, 60Hz, Three Phase  
Output: 650 ADC / 44.0 VDC, 25% Duty Cycle, OCV 79 VDC

**Input Current Specifications:**

U1: 575 VAC,  $I_{1max}$ : 34.9 A,  $I_{1eff}$ : 25.3 A

**APPLICABLE REQUIREMENTS**

CAN/CSA – E60974-1:12 - Arc Welding Equipment; Part 1: Welding Power Source.  
ANSI/IEC 60974-1: March 2008 - Arc Welding Equipment; Part 1: Welding Power Source



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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| <b>Project</b> | <b>Date</b> | <b>Description</b>                           |
|----------------|-------------|--|
| 80023927       | 2019-11-25  | Evaluate Deltaweld 500 under the CPC program |