



WeldComputer

The Technology Leader in Resistance Welding

Case Study

Replacing SCR Control Helps Manufacturer Achieve the Same Flash Welding Performance Using 15% of the Power

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THE COMPANY

H&H Resistance Welders has almost 50 years of resistance welding and equipment manufacturing experience. Operating from its main facility in Afton, Oklahoma, H&H continues to design and manufacture American-made resistance welding equipment and refurbishes used equipment from multiple brands.

THE CHALLENGE

TNT Rebar, a construction contractor based out of Colton, CA, utilized a flash welding machine delivered by H&H Resistance Welders. The AC flash welder used a standard SCR control. Casey Cloud, President of H&H, measured the flash welder at 400 amps using a standard current meter clamped on the L1 power feed.

THE SOLUTION

As a distributor of multiple resistance welding brands, Casey was interested in reducing the power consumption on the flash welder. Casey replaced the standard SCR control with a more



modern WeldComputer Adaptive Control. The results were impressive – Casey reported that with the same clamp-on current meter on L1, he is now measuring 60 amps making the same weld.