

# WT6000



## **UNPARALLELED PERFORMANCE**



#### FREE FORMAT PROGRAMMING

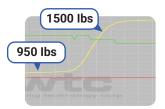
Build custom weld schedules to tackle any aluminum joining application. Select from an extensive library of weld functions designed to meet the unique challenges of aluminum welding.

hoose the function to add:	Insert
1: SQUEEZE nnnn MSEC 2: COOL nnnn MSEC	<< Start of Schedule 2 >> 46: ADAPTQ MODE=0 RATE=100% WSLIDE=100% 82: LINEAR STEPPER #1 ASSIGNED (0 = 0FF)
3: HOLD nnnn MSEC	39 EXP 95 CONTROL 1005 HEAT 1005 ENERGY
4: OFF nnnn MSEC	92: C-FACTOR LIMIT: HI=999 LO=0
INITIAL SQUEEZE nnnn MSEC	1: SQUEEZE 500 MSEC
WAIT nnnn MSEC	60: IMPULSE= 16 HEAT MS, 16 COOL MS
8: Portable Gun Mode 11: MEASURE HIGH FORCE nnnn TIM 12: MEASURE LOW FORCE nnnn TIM 13: GAP RULE RD= nn	45: SLOPE 0 IMP 00 A TO 00 A
	60: IMPULSE= 166 HEAT MS, 16 COOL MS 30: WELD 1 IMP 500 AMPS
	30: WELD 1 IMP 500 AMPS 3: HOLD 83 MSEC
	<< End of Schedule 2 >>



#### FORCE/FORGE CONTROL

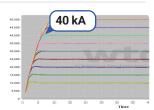
Advanced software with intelligent forge force and time controls help eliminate porosity, hot cracking and blowholes.





#### **PRECISION CURRENT**

Fast secondary current rise times with precision regulated current without overshoot delivers consistent welding results.





#### **PROGRAMMABLE OUTPUT FREQUENCY**

Adjustable output frequency in the range of 400 -2000 Hz promotes smaller and lighter transformers.

Operate at 400-2000 Hz



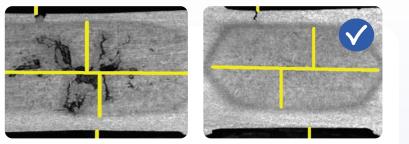


## WT6000

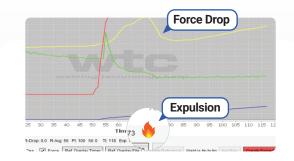
## **ALUMINUM WELDING - QUALITY & INTEGRITY**

- Free format programming
- Blow hold protection
- Flux control for weld transformer protection
- Advanced forge force control
- Graphical millisecond data of force, current, resistance and heat
- Hot cracking and porosity reduction using forging and post slope technology
- Precision secondary current.
- Fast secondary current rise time
- Special preheat technology to minimize effects of oxide levels

### **ADVANCED SOFTWARE**



**WT6000** advanced software eliminates porosity, hot cracking and blowholes.



**WT6000** Force monitoring and expulsion detection.