

## Equipment

Motor Speed Board Model 3911

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1. Start furnace. On Furnace program Process Screen, set belt speed to zero.
2. Using a nonconductive adjustment tool, adjust the each of the pots at the top of the motor speed board as follows:
  - a. Set zero. Turn Min pot to full CCW. Adjust CW until motor starts. Turn CCW until motor stops.
  - b. Set Max pot full CW and turn back ¼ turn.
  - c. Set Acceleration at between full CCW and midpoint.
  - d. Set Deceleration at between full CCW and midpoint.
  - e. Set Torque to full CW.

3911 POTS	MAX	MIN	ACCEL	DECEL	TORQ
Range	60 to 120% rated speed (25.2–50.4 RPM)	0 - 30% rated speed (0-12.6 RPM)	0.2 s - 10 s CCW – faster CW – slower response time	0.2 s - 10 s CCW – faster CW – slower response time	200% - 250% motor rated current
Factory Setting	just CCW from Full CW	turn CW until motor stops	midway bet CCW and midpoint	midway bet CCW and midpoint	just CCW from Full CW

### Calibrate Belt Speed

Calibrate belt speed according to standard procedure.