# BRANSON
## Plastics Welding Seminar

**This one day seminar is limited to 40 attendees/session so register early!**
**Tuesday, October 19, 2010 or**
**Wednesday, October 20, 2010**
8:30AM - 4:30PM
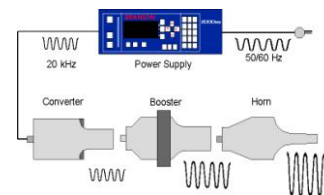Attendee sign-in begins at 8:00AM the day of the seminar.
## Holiday Inn – St. Paul, MN
*(Located south of I-94 at McKnight Rd.)*

This one day seminar (being offered twice to keep the class size smaller) will be professionally presented by Branson Ultrasonics Corporation along with Tim Hermanson and Jay Hickey of Powell, McGee Associates, Inc.

Primarily intended for **Design/Project Engineers but also helpful for Set-up Techs.**, this seminar covers guidelines and uses for ultrasonics, as well as other plastic joining technologies. Topics Include:

• Ultrasonics and Horn Theory
• Part Design
• Plastics - Welding Characteristics
• Equipment Setup Primer

• Staking, Insertion, Swaging, Spot Welding
• Textile and Film Applications
• *Alternative Processes*: Vibration, Hot Plate, IRAM (laser) & Spin Welding



**PRICE: $150 per person (Each attendee receives training binder, snacks, and lunch.)**

*Please provide information requested below and send along with payment to:*

**Powell, McGee Associates, Inc.**
4599 Chatsworth St. N.
Shoreview, MN  55126
651-486-8938 Ph / 651-486-8940 Fax
Attn:  Deb Powell

Payment by check or credit card required with registration.
Make checks payable to **Powell, McGee Associates, Inc.**
or fill in the Credit Card Information below.

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**Note to those needing overnight accommodations:  Contact the Holiday Inn at 651-731-2220.**

## Twin Cities 2010 Branson Ultrasonics Seminar

Company Name: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

**Credit Card information:**

Card Holders Name_____ Card type:   Visa      MasterCard

Card Number _____ Signature _____Card ID#*: _____

1.   Attendees Name: _____

      Telephone: _____ Email: _____

2.   Attendees Name: _____

      Telephone: _____ Email: _____

Please indicate the total amount enclosed:  $_____

* Card ID (security code) is the last three digits in the signature portion on the back of your credit card.