

Using the Model 1000 in a Multi-Station Rotary Brazer

*Application Note #23
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Application:

Multi-Station rotary brazer for the automotive industry.

Type:

Motion Control

Objectives:

- An operator interface to allow user to set number of index positions per revolution, velocity and time delay.
- Ability for both English and Spanish language use.
- Ability to download new parameters on the fly without interfering with the current movement.
- A rugged, and industrial design.

Product Used:

Model 1000

Solution:

The Model 1000 interfaces serially with an IDC B8961 brushless servo controller which direct drives a 36" dig rotary table. The built-in operator panel on the B8961 proved inappropriate for the application due to interrupt constraints and poor performance from IDC. The Model 1000 was added to the system and has currently solved all problems.

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