



MILACRON®

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## It's Time to Go Uniloy Green!

We can show you the way with this month's web posting which describes how to:

### **Remove the mercury from your Uniloy Reciprocating Screw blow molding machines.**

Mercury has been used for decades in electrical components such as relays and contacts. The Mercury Displacement Contactor is the most common and can be found in the electrical cabinets of Uniloy blow molding equipment serving the following functions:

- Heat contacts
- External circuit contacts



Most Uniloy Reciprocating Screw blow molding machines (Recips) built before 2003 were built using Mercury Displacement Contactors. This posting therefore covers all Uniloy Recips built before that date.



## Uniloy Green Means Sustainability

### Uniloy's Mercury Replacement Solution

Uniloy has the ability to customize a retrofit to suit your machine. All Uniloy Recips have heaters and contactors controlling those heaters. Not all Recip models have the same number of heaters or temperature control zones. Electrical panel layouts also differ from one Recip model to another. For these reasons, Uniloy will engineer a solution specifically suited to your machine.

The Uniloy recommended solution for the replacement of mercury contacts is to use solid state components. The benefits to these components are:

- Higher reliability
- Longer life-time expectancy
- Compact size
- No bounce
- Low contact resistance
- Designed for all types of loads
- Quick On-Off cycling capability
- Quiet action

### The Retrofit Includes

The mercury replacement kits are designed and packaged to match each machine model and electrical panel type. Some kits can be preassembled more completely than others. This will depend on the existing heat deck layout. Though quantities will vary, all of the mercury replacement kits will include the following:

- Solid State Relays
- Fuse Holders
- Fuses
- Pre-Assembled on a White Deck Subpanel (when possible)
- Din Rail
- Wire

### Sales and Service

For more information on this product offering or any other machine upgrade, please contact your local Uniloy Parts Sales Representative. Trained Uniloy Service Representatives are available to assist in the installation of these packages at your facility.