

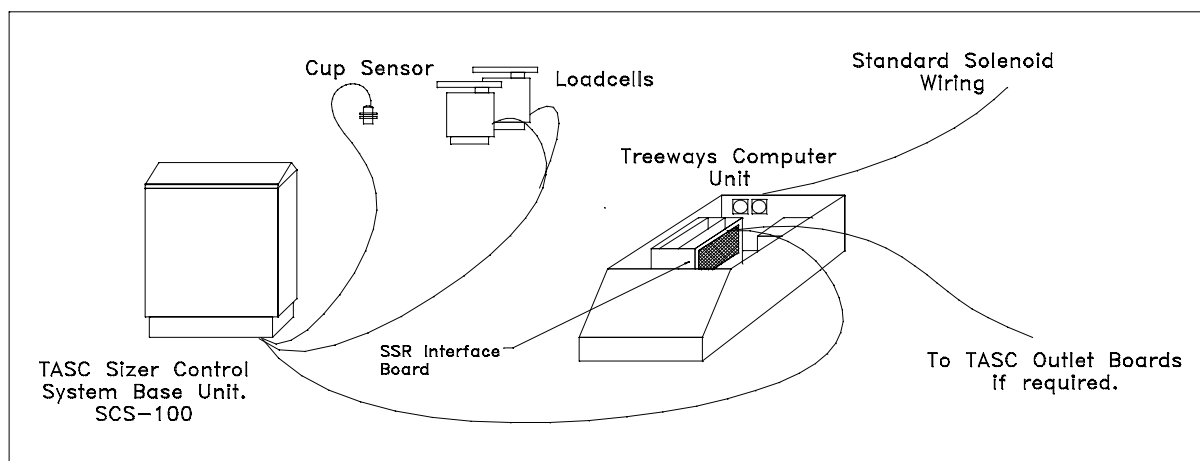
SSR Interface Board

The TASC SSR (**S**olid **S**tate **R**elay) Interface board is designed for use where a SCS-100 unit is required to be fitted to an existing Treeways conventional sizer with as little fuss and expense as possible.

It allows the existing 240Vac solenoids used on these sizers to be utilised and saves the user from the alternative of fitting the full TASC outlet board system and the new, more reliable 24Vdc solenoids required by this system.

This means that to fit a complete system requires only for the SSR Interface board to be fitted into their existing computer and plugged in, followed by the mounting of the SCS-100 unit and the connection of the loadcells and cup sensor.

The following diagram illustrates the simplicity of the installation.



It therefore provides a cost effective way to gain all the advantages of the SCS unit such as flexibility and advanced features, while lowering initial costs. These features include the ability to connect to TASC Powerpack software running on a remote Personal Computer and the use of the advanced batching and automatic modes that exist.

It also provides a quick back-up option in instances where a Treeways computer fails suddenly, as a fully operational SCS system can be quickly installed.

Additionally, where an increase in the number of outlets is required, outlet boards may be fitted to the sizer as usual without affecting the operation of the Interface board. These new outlets should be installed as 24Vdc units. It is therefore feasible to have a sizer with 12 outlets of 240Vac solenoids and an extra 12 new outlets utilising the new 24Vdc standard.

Specifications.

The TASC SSR Interface Board will drive up to 15 drops by 4 Lanes. A second board can be fitted to allow for the other 4 lanes on a eight lane sizer.

In a installation making use of the SSR Interface board, the following parts will be used within the existing Treeways computer.

- Solid State Relay boards and cardcage.
- All existing internal solenoid wiring.
- 5V Power Supply.

In addition, the fan should be kept operating to keep the relays within their required operating temperature.



PO Box 13046,
908 Miro Street,
Hastings.

Phone (025) 455 473
or (06) 878-6990
Fax (06) 878-9903

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