

AS/RS Life-Cycle Upgrades

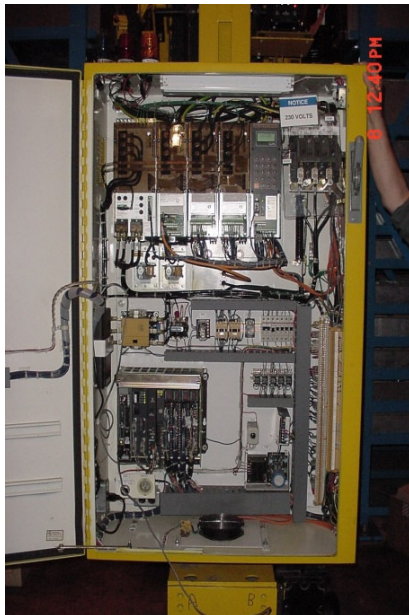
Mini-load full enclosure controls upgrade

Problem: Many older vintage mini-loads have onboard controls that are totally obsolete. Modifications required to retrofit new controls into the existing modified enclosure is impractical and requires a long field time resulting in extended equipment downtime.

Solution: Replace the entire onboard enclosure

A complete new enclosure is pre-built with all new components including motor controllers, power supplies, fusing, disconnects, terminal strips, etc. The new enclosure is built in a factory environment where it is pretested before going to the field for installation. The pretesting assures the customer that “field fixes” are kept to a minimum. The result is a reduced installation period and a faster return of the equipment to service.

- The existing wiring to the existing enclosure is disconnected so the enclosure can be removed.



Existing Enclosure



Mini-load with enclosure removed

- New prebuilt enclosure complete & tested with all new components.



New enclosure ready to ship



Complete with all new components

- New enclosure installed ready for checkout



The benefits of this upgrade are:

- All new enclosure components & controls
- Pre built and tested in a factory environment
- Reduced field installation and checkout time
- Reduced out of service time for equipment upgrade
- New life is injected into the existing asset