



Proper Use of ATC Magnet and Vacuum

Models Affected: All ATC Units

Tech Tip
TT-958

Subject:

The importance of proper and safe operation of the Automatic Transfer Carriage (ATC) magnet and vacuum

Description:

A crucial factor in proper operation of the ATC, which is often disregarded, is the proper use of the magnet or vacuum on units equipped with one of these options. Proper and safe operation of the ATC requires that once the battery is fully retracted into the ATC, the flip stop and containment bar (if equipped) should be engaged. The battery should then be pushed forward to "pin" the battery between the extractor arm and flip stop. At this point the magnet or vacuum should be turned off. Failure to utilize the flip stop/containment bar and leaving the magnet or vacuum on to restrain the battery during transport could result in battery loss as connection can be lost if a sudden stop or sharp maneuver is required. Leaving the magnet or vacuum turned on while transporting the battery can also be detrimental to the vacuum and magnet components. ATC's with magnet extraction are especially susceptible to damage as the magnet heats up when powered on. If not allowed sufficient time to cool between uses, the magnet can overheat, resulting in damage to the switch, relay, cords, or magnet itself.

Recommendation:

All ATC operators should read and understand the Automatic Transfer Carriage (ATC) Parts and Service Manual prior to operation. BHS also offers an operational video online at BHS1.com - Library - Operational Videos, as a visual supplement to the manual. As always, contact the BHS Tech Support team or your local Dealer with any questions or for a replacement manual.



Magnet cord and magnet connector damaged due to overheating

For more information call: **1.877.BHS.4YOU**
(Outside the U.S. +1 314 890 0953)

