

# SYSTEM UPGRADE OPTIONS

- ✓ 1/ Is your Batch Plant experiencing any issues with the ManuFlo admix flowmetered-dispensing system operations ? If your equipment is over 10 years old, then considering updating your existing ManuFlo equipment infrastructure at minimal costs. Consider a ManuFlo system upgrade .....
- ✓ 2/ The Concrete Batch Plant may have ManuFlo equipment originally installed dating back to year 2000 or earlier. The new power regulation upgrade for ME2000/2008 increases stability even when multiple products are batched simultaneously (up to 8 per unit). ME2000 introduced in the year-2000...so far in some cases a 20+ year product operation life.
- ✓ Software version v1.8, incorporates additional improvements to the ME2008 operating system. There has been a national roll-out with DC pulse inputs & the ME2000/2008 and corresponding computer input, these should be upgraded to the faster count (35-40hz) resolution which further improves the pulse resolution.
- ✓ The upgrade enhances the system with all optimal improvements, with a potential 20mls per pulse count resolution and even down to 1 milliliter per count if the Computer has a high speed PLC input card installed.



We suggest offer in a staged sequence of options;

- ✓ A) New ME2008 systems to swap out the old ones; this will enhance the system operation. (send back older units for the latest upgrades).
- ✓ B) Offer the new MES20-DSP vibration free pulse-heads another major technological advancement. Simple swap out of old pulse-heads for new "DSP" ones.
- ✓ C) Install AMM20 or CMM25 Mini-Mag flowmeters on any troublesome products (direct swap out, no changes to calibration, voltage or wiring).



Premium Upgrade Option;

New KMS025-F 15 to 25mm flanged magnetic flowmeters –maintenance free option. With added flowrate + inventory totals. Other logic outputs for future technology options.

- ✓ D) Client can change the Computer Batch System PLC input card to a high speed type to take 2kHz> (to accept resolution from the ManuFlo flowmeters of 1 milliliter per pulse)

