



Drive System Modernization



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power
generation

cement

Retrofitting drives? Work with the experts.

TMdrive®-DC

A complete new DC drive with or without a cabinet



Inside the TMdrive-DC

The new power bridge is under the electronic controls module (DFE)



TMdrive-DC DFE module

The digital front end module (DFE) - a set of new drive electronics suitable for mounting on the old DC power bridge



TMEiC Drive Retrofit Procedure

A choice of retrofit levels to meet your needs:

- Upgrade legacy DC drives with the new TMdrive-DC DFE control board module and
 - Keep the original power bridge and cabinet
 - Keep the DC motor
- Keep the cabinet and motor, replace the original DC drive with a new TMdrive-DC drive (see above center)
- Replace the original DC main drive and motor with a new AC main drive and motor

The Drive Retrofit brings many benefits:

- Reduce the upgrade and installation costs with the DFE module by keeping the original power bridge, cabinet, wiring, and DC motor
- Reduce the maintenance cost of the older drive equipment
- Obtain high performance digital control and high-speed communications

Legacy DC Drives



Silco 1985



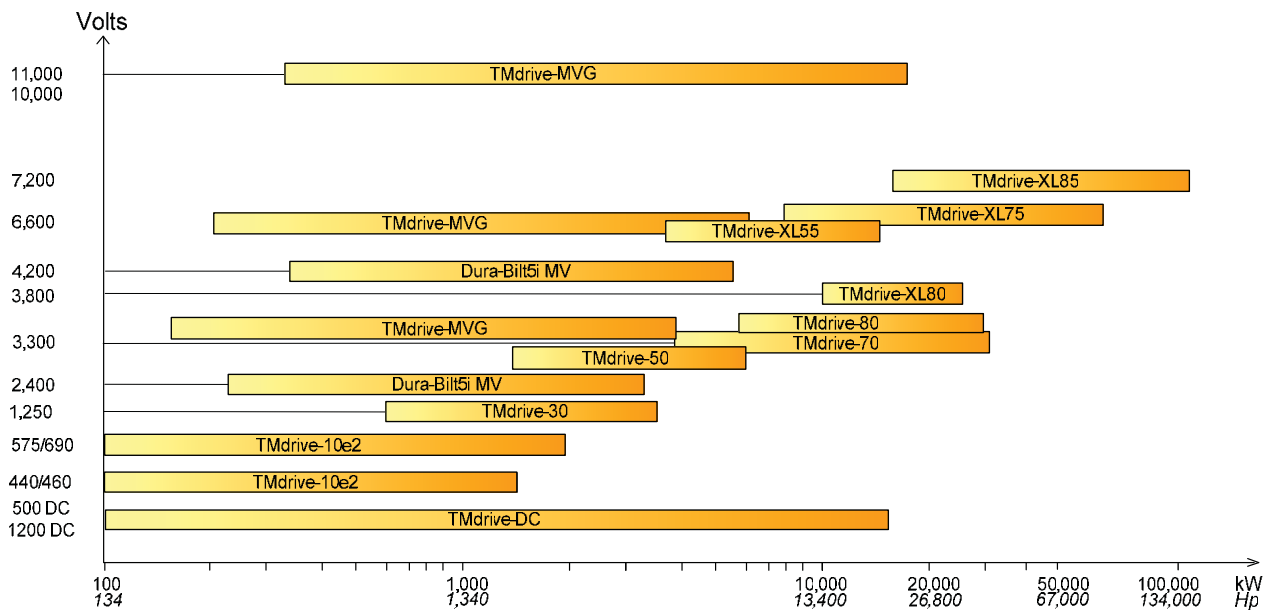
Siltron 1980



DC300 1985

DC2000 1990

TMEIC AC Drives Offer Complete Coverage



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If you have any questions regarding your project requirements, please contact TMEIC Corporation at 540-283-2000.