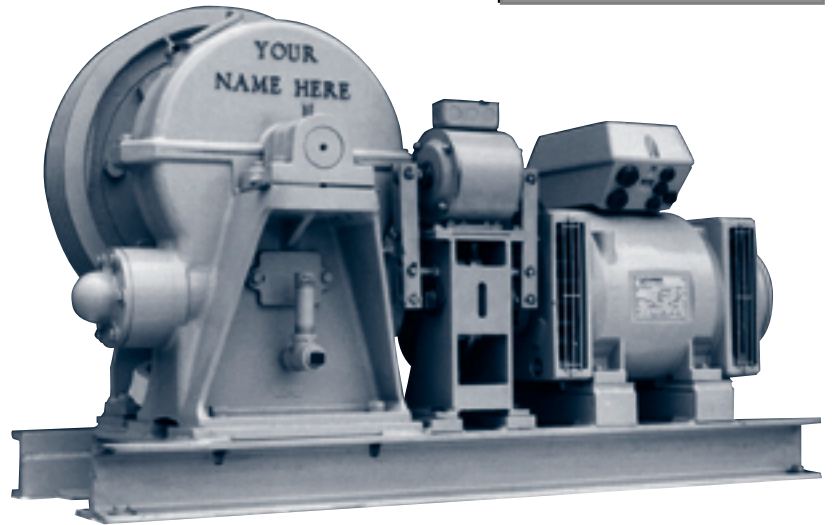


**W**hat makes the Dynavert System from Loher A.G. of Germany so remarkable is the collaborative effort that went into its development. Hollister-Whitney supplies the Loher Motors and G.A.L. supplies the electronic dynavert. Dynavert is a microprocessor-based variable-frequency, variable-voltage, vector drive for A.C. motors. Unlike other frequency drives, Dynavert has been designed specifically for elevators.

## Dynavert Features:

- A.C.-V.V.V.F. vector drive
- Encoder feedback
- Seven input speeds
- Full torque over the entire speed range
- Precise automatic slowdown distance calculations with maximum obtainable one floor run speeds
- Door pre-opening signal
- Brake drop out signal when zero speed is reached
- Overspeed protection for high speed, leveling speed, and inspection speed
- Reverse phase and phase loss protection
- Motor and wire overload protection
- Motor current is turned off before contactors drop out
- Encoder failure protection
- Diagnostics with readout in English, French, or German that clearly pinpoint problems



Data entry by keypad allows adjustments for speeds, acceleration, deceleration, S-Curve rounding, slowdown distance, etc.

When the slowdown switch is set longer than required, Dynavert will initiate slowdown at the optimal point to bring the car to exact floor level when zero speed is obtained.