Models 936, 1456, 2906 and 6506 were designed for raising and lowering curtains on projects where moderate cost is an issue. These machines are not equipped with friction brakes and may drift when stop command is issued. A fairly high reduction in the gear unit helps minimize this drifting. Stop, Start and Reverse action is provided with a reversing motor and three-position maintained control switch. Integral rotary limit switches are provided for "Full Raise" and "Full Lower" positions.

OUTSTANDING FEATURES:

CABLE SPOOL
Helps to assure a positive drive and minimize cable slippage. Constructed of coated steel 4" diameter x 8" long. Coated wire-center cable must be used.

EMERGENCY HAND CRANK
For conversion to hand operation in case of mechanical or power failure.

ROTARY LIMIT SWITCH
Allows for user defined pre-set stops for the "Full Raise" and "Full Lower" positions. Fully adjustable cam type assembly.

SUGGESTED SPECIFICATIONS FOR MODELS 936, 1456, 2906 OR 6506
Curtain machines shall be fully automatic type equipped with ... HP special reversing motor connected through V-belt drive to single reduction gear unit, on the output shaft of which shall be mounted in elevator-type un-grooved steel cable spool delivering lifting speed of 18 feet per minute. Remote control switch shall provide reversing action at any point along elevated travel and shall be composed of three-position, maintained contact toggle-type switch. Integral rotary limit switch shall be driven from output shaft of gear reduction unit. Machine shall be equipped with disconnect switch, overload protective breaker, and emergency hand crank for conversion to hand operation. The entire mechanism shall be mounted on a steel base. Model ... as manufactured by Automatic Devices Company of Allentown, PA.

These machines are not to be used for the lifting, supporting, or transporting of people. These machines should not be used to move objects over areas where people are present unless suitable safety devices are installed. Other data will be found in the Curtain Machine Selector Guide (page 86).

CONTROL SWITCH
Three-position maintained toggle type. Only one remote control station can be used with this machine, this being wired temporarily to machine at the factory to allow limit switch setting during installation. Magnetic Control System (MCSA) and Low Voltage Control System (LVCS), available as options and allow the use of any number of remote control switches.

BRAKING EFFECT
Provided by the gear reduction unit only. Provided when switch is moved to center "off" position. A friction type magnetic brake is available as an option.

DISCONNECT SWITCH
Safety toggle switch which removes power to machine's internal circuitry.

OVERLOAD PROTECTIVE BREAKER
Automatic type helps protect machine, track and curtain against effects of accidental overload. Must be manually reset.

THERMAL OVERLOAD
Built into some motors to help prevent possible damage to the motor due to overheating (furnished on some single phase motors only).