

## **DYNAMIC ANALYST™ - STARTING FEATURES**

### **Drives**

- Define unique controls for each drive pulley
- Define Motor Curve and start Direct Online (DOL)
- Use Velocity control feedback
- Use Reduced Voltage drive
- Use Fixed Fill Fluid Coupling
- Use Wound Rotor Resistance Steps
- Define any custom torque curve
- Abort start by entering abort time

### **Brakes**

- Define how Brakes are released

### **Holdbacks**

- Place Holdback on any Drive Pulley

### **Take-up**

- Select Fixed Take-up
- Select Gravity Take-up
  - Add directional hysteresis of sheaves and rope
  - Define Capstan to increase force or lock take-up
- Select Mechanical Take-up
  - Add directional hysteresis of sheaves and rope
  - Define unique force curve
  - Add brake and define maximum brake force
- Change Take-up Type or Characteristics at any time

### **General**

- Auto Tuning
- Animation which can be recorded
- Printout or PDF of all graphics

## **DYNAMIC ANALYST™ - STOPPING FEATURES**

### **Drives**

- Define Drive Velocity Deceleration Curve to Control Stopping

### **Brakes**

- Define Brake Velocity Deceleration Curve to Control Stopping
- Define Brake Torque Curve to Control Stopping

### **Holdbacks**

- Place Holdback on any Drive Pulley

### **Take-up**

- Select Fixed Take-up
- Select Gravity Take-up
  - Add directional hysteresis of sheaves and rope
  - Define Capstan to increase force or lock take-up
- Select Mechanical Take-up
  - Add directional hysteresis of sheaves and rope
  - Define unique force curve
  - Add brake and define maximum brake force
- Change Take-up Type or Characteristics at any time

### **General**

- Auto Tuning
- Animation which can be recorded
- Printout or PDF of all graphics