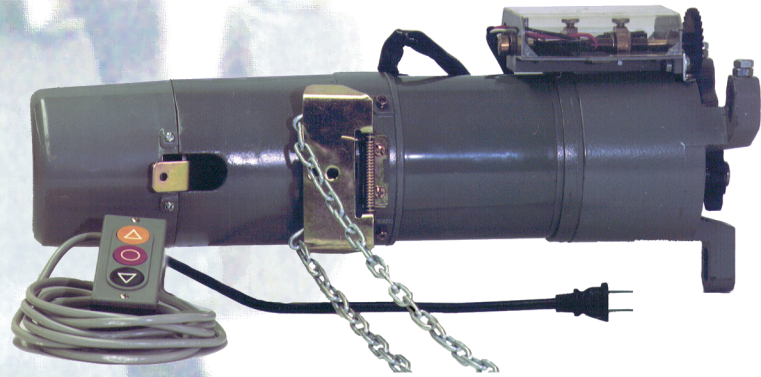# USP™ XT2000

Standard Features

- **High torque inline motor with capacitor**
- **Bronze planetary gear drive**
- **Electromagnetic auto ring clutch**
- **Anti-drift disc brake**
- **Rotary auto up/down limit switches**
- **Gravity fall release***
- **Drive chain tension lugs**
- **Control station up/stop/down**
- **Heavy duty mounting plate**
- **Emergency hand chain**
- **Plug and play connector for remote control**
- **2 year warranty**

Optional Features

- **UPS Battery Back-up System**
- **Radio Control**
- **Wireless Safety Edge**
- **Timer to close**
- **PLC (programmable logic control) up to 100 programmable functions**

- **Integrated circuit design**
- **Security Remote lockout feature stops unauthorized operation of door or grille**
- **Transmitter with up, down, stop, and lock out buttons**
- **LED activation light**
- **Safety lid on transmitter prevents accidental remote operation**

From Our President

XT-2000 has been rated #1 for power output, energy efficiency and overall performance. USP engineers have thoroughly tested this operating system under extreme loads and adverse conditions. The results are so impressive USP is making this system available on rolling doors and grilles of all types.** The powerful **XT-2000** is the operating system of the next millennium!

United Steel Products, Inc

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XT-2000 Operating System

High torque inline motor drive system for heavy industrial use on rolling doors and grilles using curtains of maximum size (550 square feet) with maximum weight of 2,500 lbs.

Specifications

- High performance and long life
- Available in 110/220 v. single or three phase
- Available in other special power requirements
- Equipped with plug in connectors for optional remote control devices
- Long life magnetic reversing starters
- Directly connected to a sealed inline motor
- Maintenance free planetary gear reducer
- Designed to operate quietly during rotation
- Equipped with thermal overload protection
- Equipped with long life magnetic ring clutch using disc brakes to prevent curtain movement after motor stop
- Equipped with gravity fall release which will allow curtain to close without power. It can be operated manually to close curtain quickly or connect to auto/fire sensor (optional) to close in the event of fire or other command from computer system
- Equipped with drive sprocket and roller chain to fit most rolling door and grille applications.
- Standard size is 50B/50 sprocket using #50 roller chain.

Limit Switch Assembly

Rotary type limit switches with unique locking screw allow for adjusting upper and lower stop position with minimal effort. Precision bronze driver and adjusting dials are totally corrosion resistant and designed for long term use.

Control Station

A three button up, down stop switch is supplied with each motor. Stop button is red in color for identification. Up and down arrows easily identify direction of travel.

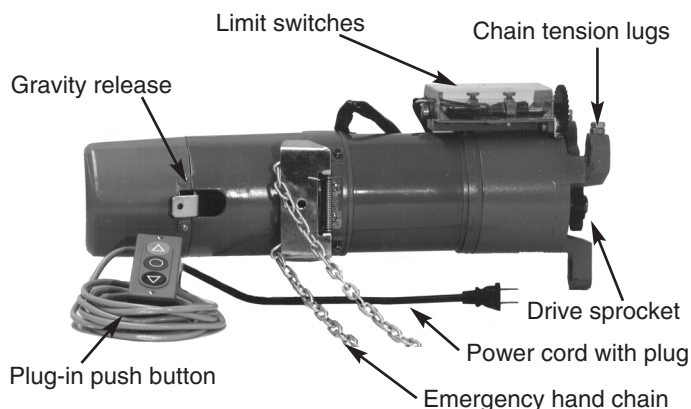## Emergency Hand Chain Back-up

This system automatically engages as the chain is pulled and is designed to require minimum effort through its unique transmission design.

Safety Device Model USP XT 2000SSL (pat. pend.)

Sprocket stop lock is designed to automatically lock drive shaft sprocket should the roller chain break. The system is designed to instantly lock the sprocket to prevent a free fall of the curtain which may cause injury to persons or damage to property. The device does not rely on gravity or inertia to engage. The system is designed to handle loads of sufficient capacity to safety lock curtains weighing up to 4,000lbs.

Warranty

XT-2000 shall be warranted to be free of any defect in materials and workmanship for a period of two years.

Limit switches — Chain tension lugs
Gravity release
Plug-in push button
Drive sprocket
Power cord with plug
Emergency hand chain

XT-2000 CAPABILITY COMPARISON	XT-2000	other operators*
High torque inline motor with capacity	YES	NO
Auto engaging emergency hand chain	YES	NO
Plug and play wiring and remote control	YES	NO
Electromagnetic anti drift disc brake	YES	NO
Gravity fall release	YES	NO
Drive chain tension lugs	YES	NO
Available battery back-up on all models	YES	NO

* based on typical H, J, and GH operator options and configurations does not apply to all operators and their configurations