

WELL BILT Industries



Our NEW HERCUL-EZE® Operator!

**HERCUL-EZE® ■■■ OPEN/CLOSE 35 FEET PER MINUTE
100 SERIES
ID-100 / OD-100**

HERCUL-EZE® "LD" SPECIFICATIONS

The **HERCUL-EZE® "LD"** by WELL BILT INDUSTRIES rolling door operator provides a compact and efficient means of opening and closing rolling door systems up to 3,500 lbs. **HERCUL-EZE® "LD"** by WELL BILT INDUSTRIES operators utilizes an industrial solid fill tire in contact with the hangar floor material to provide the tractive force to move the door system. **HERCUL-EZE® "LD"** by WELL BILT INDUSTRIES operators are available in two models; the "In-The-Door" model and the "Out-Of-Door" model. The "In-The-Door" model installs in a rolling door leaf with 8" or greater frame width and allows the door leaves to stack in a pocket or outside the building without special allowances for clearance. The "Out-Of-Door" model typically installs on the inside surface of a system in which the basic frame width is less than 8" or the door structure is such that an "In-The-Door" model can not be installed.

Sleek Design – measures 7 ½" D X 23" W X 35" H, weighs 190 lbs.

Construction:

The basic drive housings of the **HERCUL-EZE® "LD"** by WELL BILT INDUSTRIES door operators are fabricated from low carbon steel plates welded or bolted to fabricate the basic housing assembly. The traction wheel axle shaft is supported by two serviceable ball bearing flange bearings units. The driving tire is an automotive type pneumatic tire designed to operate at typical loading conditions.

Drive System:

Drive shall be provided by an electric motor directly coupled to a right angle worm drive gear reducer. The gear reducer, in turn, drives the traction wheel axle shaft through a heavy duty roller chain system consisting of # 50 chain and hardened sprockets.

Electrical:

Electric motors used in **HERCUL-EZE® "LD"** by WELL BILT INDUSTRIES operators shall be ¼ horsepower minimum TEFC single phase power. With the high ratio worm gear speed reducer, no electric brake is necessary to stop door movement. Primary and secondary (control) voltage is 110 VAC only. Alternate electric options available upon request. Standard 110 volt hard wire connection or 3-prong plug for 110 volt wall receptacle.

Electrical Supply:

The standard **HERCUL-EZE® "LD"** by WELL BILT INDUSTRIES operator power is supplied through a drape wire system where the cable is draped from leaf to leaf. Wire size and number of conductors in the cable are adjusted to meet system requirements.

All hard wiring for power supply; over current protection, disconnecting means and hard wiring within the door shall be the responsibility of the installer or the electrical contractor.

Operation Features:

Tractive force is controlled by a crank operated adjusting screw whereby the downward pressure on the solid fill tire can be increased for more traction or can be backed off so that the tire can be completely disengaged from the driving surface so that the door leaf can be moved manually. This feature qualifies under National Fire Protection Association # 409 for aircraft hangars.

The basic **HERCUL-EZE® "LD"** by WELL BILT INDUSTRIES operator is a manual unit. The operator is furnished with a controller which is secured to the wall and connected to the motor by a drape cable system.

**Well Bilt Industries
#1 Well Bilt Drive, PO Box 100
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(800) 940-BILT ~ (352) 528-5566 ~ Fax: (352) 528-5614**



HERCUL-EZE® ■ ■ ■ OPEN/CLOSE 35 FEET PER MINUTE
100 SERIES
ID-100 / OD-100

HERCUL-EZE® "LD" SPECIFICATIONS CONTINUED

Options:

- Automatic open with automatic close system allows the door system to be opened or closed with a flip of the switch. The door travel can also be stopped at any point of its travel by selecting the "Stop" setting. In these installations, the controller is normally wall mounted near one end of the door system. Door travel at open and closed positions is controlled by micro-switches mounted on the building above the door leaves.
- A remote control option is available with the automatic control system. With the remote control option the door system can be activated to open or close from up to 1,500 feet from the receiver unit.
- Warning Bell
- Warning Horn and Light
- Safety Edge
- Photo Eye (165 ft. Span)
- Festoon System
- Keyed Lockouts
- Conductor Bar System
- Interlock Safety Switch

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Our NEW HERCUL-EZE® Operator!

**HERCUL-EZE® ■■■ OPEN/CLOSE 45 FEET PER MINUTE
200 SERIES
ID-200 / OD-200**

HERCUL-EZE® SPECIFICATIONS

The **HERCUL-EZE®** by WELL BILT INDUSTRIES patented rolling door operator provides a compact and efficient means of opening and closing rolling door systems up to 22,000 lbs. **HERCUL-EZE®** by WELL BILT INDUSTRIES operators utilizes an industrial solid fill tire in contact with the hangar floor material to provide the tractive force to move the door system. **HERCUL-EZE®** by WELL BILT INDUSTRIES operators are available in two models; the "In-The-Door" model and the "Out-Of-Door" model. The "In-The-Door" model installs in a rolling door leaf with 8" or greater frame width and allows the door leaves to stack in a pocket or outside the building without special allowances for clearance. The "Out-Of-Door" model typically installs on the inside surface of a system in which the basic frame width is less than 8" or the door structure is such that an "In-The-Door" model can not be installed.

Sleek Design – measures 7 ½" D X 23" W X 35" H, weighs 198 lbs.

Construction:

The basic drive housings of the **HERCUL-EZE®** by WELL BILT INDUSTRIES door operators are fabricated from low carbon steel plates welded or bolted to fabricate the basic housing assembly. The traction wheel axle shaft is supported by two serviceable ball bearing flange bearings units. The driving tire is an automotive type pneumatic tire designed to operate at typical loading conditions.

DriveSystem:

Drive shall be provided by an electric motor directly coupled to a right angle worm drive gear reducer. The gear reducer, in turn, drives the traction wheel axle shaft through a heavy duty roller chain system consisting of # 50 chain and hardened sprockets.

Electrical:

Electric motors used in **HERCUL-EZE®** by WELL BILT INDUSTRIES operators shall be 2 horsepower minimum TEFC single or three phase power. With the high ratio worm gear speed reducer, no electric brake is necessary to stop door movement. Primary electrical is per customer specifications while control voltage remains 24 VAC.

Electrical Supply:

The standard **HERCUL-EZE®** by WELL BILT INDUSTRIES operator power is supplied through a drap wire system where the cable is draped from leaf to leaf. Wire size and number of conductors in the cable are adjusted to meet system requirements.

All hard wiring for power supply; over current protection, disconnecting means and hard wiring within the door shall be the responsibility of the installer or the electrical contractor.

OperationFeatures:

Tractive force is controlled by a crank operated adjusting screw whereby the downward pressure on the solid fill tire can be increased for more traction or can be backed off so that the tire can be completely disengaged from the driving surface so that the door leaf can be moved manually. This feature qualifies under National Fire Protection Association # 409 for aircraft hangars.

The basic **HERCUL-EZE®** by WELL BILT INDUSTRIES operator is a manual unit. The operator is furnished with a controller which is pre-wired and connected to the motor with an approximately six foot length of coil cord and "walk with" pendant; open/close control buttons.

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HERCUL-EZE® ■ ■ ■ OPEN/CLOSE 45 FEET PER MINUTE
200 SERIES
ID-200 / OD-200

HERCUL-EZE® SPECIFICATIONS CONTINUED

Options:

- Automatic open with manual close system allows the door system to be opened with a “Touch” of the button. The door travel can also be stopped at any point of its travel by touching the “Stop” button. In these installations, the controller is normally wall mounted near one end of the door system. Door travel at open and closed positions is controlled by micro-switches mounted on the building above the door leaves.
- A remote control option is available with the automatic control system. With the remote control option the door system can be activated to open or close from up to 1,500 feet from the receiver unit.
- Warning Bell
- Warning Horn and Light
- Safety Edge
- Photo Eye (165 ft. Span)
- Festoon System
- Overhead enclosed power bar system
- Keyed Lockouts
- Conductor Bar System
- Interlock Safety Switch

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**HERCUL-EZE® ■■■ OPEN/CLOSE 45 FEET PER MINUTE
300 SERIES
ID-300 / OD-300**



Our NEW HERCUL-EZE® Operator!

HERCUL-EZE® "XP" SPECIFICATIONS

The **HERCUL-EZE® "XP"** by WELL BILT INDUSTRIES patented rolling door operator provides a compact and efficient means of opening and closing rolling door systems up to 40,000 lbs. **HERCUL-EZE® "XP"** by WELL BILT INDUSTRIES operators utilizes an industrial solid fill tire in contact with the hangar floor material to provide the tractive force to move the door system. **HERCUL-EZE® "XP"** by WELL BILT INDUSTRIES operators are available in two models; the "In-The-Door" model and the "Out-Of-Door" model. The "In-The-Door" model installs in a rolling door leaf with 10" or greater frame width and allows the door leaves to stack in a pocket or outside the building without special allowances for clearance. The "Out-Of-Door" model typically installs on the inside surface of a system in which the basic frame width is less than 10" or the door structure is such that an "In-The-Door" model can not be installed.

Sleek Design – measures 9 ½" D X 33 1/2" W X 40" H, weighs 260 lbs.

Construction:

The basic drive housings of the **HERCUL-EZE® "XP"** by WELL BILT INDUSTRIES door operators are fabricated from low carbon steel plates welded or bolted to fabricate the basic housing assembly. The traction wheel axle shaft is supported by two serviceable ball bearing flange bearings units. The driving tire is an automotive type pneumatic tire designed to operate at typical loading conditions.

Drive System:

Drive shall be provided by an electric motor directly coupled to a right angle worm drive gear reducer. The gear reducer, in turn, drives the traction wheel axle shaft through a heavy duty roller chain system consisting of # 50 chain and hardened sprockets.

Electrical:

Electric motors used in **HERCUL-EZE® "XP"** by WELL BILT INDUSTRIES operators shall be 3 horsepower minimum TEFC single or three phase power. With the high ratio worm gear speed reducer, no electric brake is necessary to stop door movement. Primary electrical is per customer specifications while control voltage remains 24 VAC.

Electrical Supply:

The standard **HERCUL-EZE® "XP"** by WELL BILT INDUSTRIES operator power is supplied through a drape wire system where the cable is draped from leaf to leaf. Wire size and number of conductors in the cable are adjusted to meet system requirements.

All hard wiring for power supply; over current protection, disconnecting means and hard wiring within the door shall be the responsibility of the installer or the electrical contractor.

Operation Features:

Tractive force is controlled by a crank operated adjusting screw whereby the downward pressure on the solid fill tire can be increased for more traction or can be backed off so that the tire can be completely disengaged from the driving surface so that the door leaf can be moved manually. This feature qualifies under National Fire Protection Association # 409 for aircraft hangars.

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HERCUL-EZE® ■ ■ ■ OPEN/CLOSE 45 FEET PER MINUTE
300 SERIES
ID-300 / OD-300

HERCUL-EZE® "XP" SPECIFICATIONS CONTINUED

The basic **HERCUL-EZE® "XP"** by WELL BILT INDUSTRIES operator is a manual unit. The operator is furnished with a controller which is pre-wired and connected to the motor with an approximately six foot length of coil cord and "walk with" pendant; open/close control buttons.

Options:

- Automatic open with manual close system allows the door system to be opened with a "Touch" of the button. The door travel can also be stopped at any point of its travel by touching the "Stop" button. In these installations, the controller is normally wall mounted near one end of the door system. Door travel at open and closed positions is controlled by micro-switches mounted on the building above the door leaves.
- A remote control option is available with the automatic control system. With the remote control option the door system can be activated to open or close from up to 1,500 feet from the receiver unit.
- Warning Bell
- Warning Horn and Light
- Safety Edge
- Photo Eye (165 ft. Span)
- Festoon System
- Overhead enclosed power bar system
- Keyed Lockouts
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500 SERIES
ID-500 / OD-500**

HERCUL-EZE® "500" SPECIFICATIONS

The **HERCUL-EZE® "500"** by WELL BILT INDUSTRIES patented rolling door operator provides a compact and efficient means of opening and closing rolling door systems up to 60,000 lbs. **HERCUL-EZE® "500"** by WELL BILT INDUSTRIES operators utilize two industrial solid fill tires in contact with the hangar floor material to provide the tractive force to move the door system. **HERCUL-EZE® "500"** by WELL BILT INDUSTRIES operators are available in two types; the "In-The-Door" model and the "Out-Of-Door" model. The "In-The-Door" model installs in a rolling door leaf with 10" or greater frame width and allows the door leaves to stack in a pocket or outside the building without special allowances for clearance. The "Out-Of-Door" model typically installs on the inside surface of a system in which the basic frame width is less than 10" or the door structure is such that an "In-The-Door" model can not be installed.

Sleek Design – measures 9 ½" D X 53 1/2" W X 40" H, weighs 315

Construction:

The basic drive housings of the **HERCUL-EZE® "500"** by WELL BILT INDUSTRIES door operators are fabricated from low carbon steel plates welded or bolted to fabricate the basic housing assembly. The two traction wheel axle shafts are supported by two serviceable ball bearing flange bearing units each. The driving tire is an industrial solid fill tire designed to operate at typical loading conditions.

Drive System:

Drive shall be provided by an electric motor directly coupled to a right angle worm drive gear reducer. The gear reducer, in turn, drives the traction wheel axle shafts through a heavy duty roller chain system consisting of # 50 chain and hardened sprockets.

Electrical:

Electric motors used in **HERCUL-EZE® "500"** by WELL BILT INDUSTRIES operators shall be 5 horsepower minimum TEFC three phase power. With the high ratio worm gear speed reducer, no electric brake is necessary to stop door movement. Primary electrical is per customer specifications while control voltage remains 24 VAC.

Electrical Supply:

The standard **HERCUL-EZE® "500"** by WELL BILT INDUSTRIES operator power is supplied through a drape wire system where the cable is draped from leaf to leaf. Wire size and number of conductors in the cable are adjusted to meet system requirements. All hard wiring for power supply; over current protection, disconnecting means and hard wiring within the door shall be the responsibility of the installer or the electrical contractor.

Operation Features:

Tractive force is controlled by two opposing crank operated adjusting screws whereby the downward pressure on the solid fill tires can be increased for more traction or can be backed off so that the tires can be completely disengaged from the driving surface so that the door leaf can be moved manually. This feature qualifies under National Fire Protection Association # 409 for aircraft hangars.

The basic **HERCUL-EZE® "500"** by WELL BILT INDUSTRIES operator is a manual unit. The operator is furnished with a controller which is pre-wired and connected to the motor with an approximately six foot length of coil cord and "walk with" pendant; open/close control buttons.

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500 SERIES
ID-500 / OD-500

HERCUL-EZE® "500" SPECIFICATIONS CONTINUED

Options:

- Automatic open with manual close system allows the door system to be opened with a "Touch" of the button. The door travel can also be stopped at any point of its travel by touching the "Stop" button. In these installations, the controller is normally wall mounted near one end of the door system. Door travel at open and closed positions is controlled by micro-switches mounted on the building above the door leaves.
- A remote control option is available with the automatic control system. With the remote control option the door system can be activated to open or close from up to 1,500 feet from the receiver unit.
- Warning Bell
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