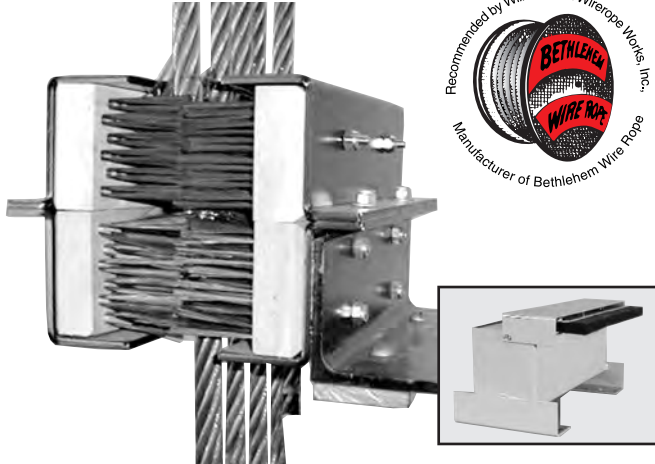


# Technical Practice

**WRC-2000  
WIRE ROPE  
CLEANER**

U.S. PATENT 5,386,882



The **WRC-2000** eliminates the need to clean elevator hoist ropes manually thus saving labor costs and down-time of the elevator. This assembly is designed to clean the elevator hoist ropes passively as the wire rope is used in the elevators everyday operation. The **WRC-2000** maintains the cleanliness of the wire rope without involving any moving mechanism, thereby increasing the durability and longevity of the wire rope.

**PARTS SPECIALISTS, INC.**

## FEATURES

- Replaceable Cleaning Brushes
- U-Shaped Open Frame
- Cap Plates with Holding Pins
- Universal Installation Kit

## APPLICATIONS

- Elevators
- Construction Hoists
- Mine Shafts
- Cranes

## SPECIFICATIONS

**DIMENSIONS:**  
L11"XW9"XH4"

**WEIGHT:** 36 Pounds

## OPERATION

The **WRC-2000** Wire Rope Cleaner includes a u-shape frame having opposing legs. Each leg is configured to support a rope cleaning brush. The brushes are installed with their bristle tips covering the plane of the wire rope. The wire rope is cleaned by the bristles as the wire rope is moved past the brushes by the activation of the elevator hoist. A pair of cap plates are removable from the u-shape frame for replacement of brushes. The plates and the frame include holding pins extending toward the brushes, holding them securely in position.

## WRC-2000 XC-EDGE

The **XC-EDGE** has extra cleaning capabilities. The new cap plates with holding pins are designed to double the cleaning area of wire rope. With the addition of two more cleaning brushes this will reduce cleaning time by 50 percent.

## INSTALLATION

The **WRC-2000** Wire Rope Cleaner includes (1) angle iron with hardware. For most applications the wire rope cleaner is designed to be installed on the bed plate or counter weight frame at a nominal plane to the elevator wire rope.



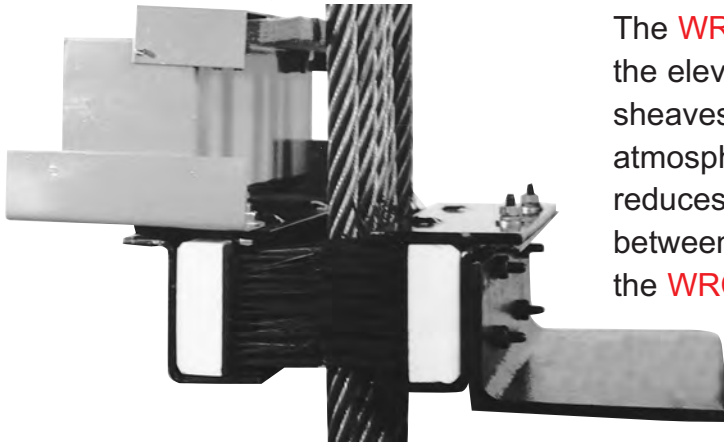
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# Technical Practice

**WRC-2000  
WIRE ROPE  
LUBRICATOR**

U.S. PATENT 5,386,882



The **WRC-2000-LP** reduces the friction between the elevator wire ropes and machine drive sheaves. It also minimizes corrosion due to atmospheric and/or operation conditions, and reduces bending fatigue by allowing movement between the wires and strands. Together with the **WRC-2000** wire rope cleaner, this is the ultimate in elevator wire maintenance.

## OPERATION

The **WRC-2000-LP** Wire Rope Lubricator includes an adjustable wick applicator. This wick style application of lubrication is accomplished by capillary attraction. This assembly is designed to lubricate the elevator hoist ropes passively as the wire rope is used in the elevator everyday operation, therefore a minimal distance between the wire rope and the wick applicator is required. Wire rope lubricant is top filled in the lubricator by tilting the top cover down. When the lubricant level reaches the tilted top cover, the lubricator is full.

## INSTALLATION

The **WRC-2000-LP** Wire Rope Lubricator is adaptable for installation on the **WRC-2000** Wire Rope Cleaner. The original cap plates that hold the brushes are removable from the "U" shape frame of the **WRC-2000**. These cap plates have mounting holes for fastening the lubricator to the cleaner. The lubricator is also designed to be installed on the bed plate at a nominal plane to the elevator wire rope.

## LUBRICANT

The **WRC-2000-CL** is designed to protect wire ropes and cables by lubrication, thus reducing frictional forces. Cable lubricant is blended from all virgin basestocks with selected blends of aromatic fractions to aid in cleaning dirt, oil, and grease from surfaces. This nonvolatile product helps remove the acidic sludges which causes premature wear of wire ropes. By removing the accumulated dirt & oil with the **WRC-2000** wire rope cleaner, this product reduces the abrasive wear among the wire rope strands. It prevents wear, corrosion and abrasion by coating each strand with a thin film of oil. This film exhibits mild adhesion, excellent lubricity characteristics, and superior rust protection. The mild penetrating properties enables this product to coat all sides of the wire strands

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