



**WIRE ROPE**  
INDUSTRIES

# **CUSHION ULTRA<sup>®</sup>**

**Cut costs and reduce the  
Downtime on your  
Dragline by using  
Wire Rope Industries  
High Performance  
Dragline Rope**



# CUT COSTS

IN THE OPERATION OF YOUR DRAGLINE BY USING **CUSHION ULTRA®** DRAGLINE ROPE

## 1. LOWER ROPE CONSUMPTION

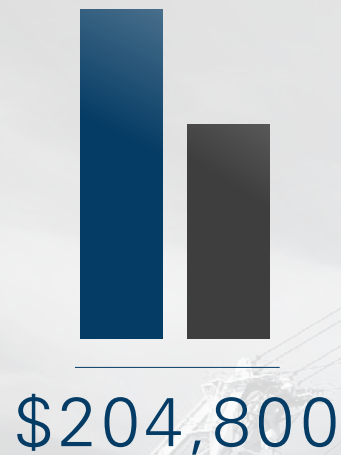
*Example: Dragline using 4-3/8" diameter rope*

Hoist rope price per set= \$89,600\*  
Sets per year with basic 6 strand= 3 = \$268,800  
Sets per year with Cushion Ultra®= 2 = \$179,200

**Savings= \$89,600 per dragline per year**

Drag rope price per set= \$57,600 \*  
Sets per year with basic 6 strand= 5= \$288,000  
Sets per year with Cushion Ultra®= 3 = \$172,800

**Savings= \$115,200 per dragline per year**



Total savings per dragline per year

## 2. INCREASED DRAGLINE UPTIME

*Example: Dragline using 4-3/8" diameter rope*

Time to change Hoist Ropes= 12 hours  
Time to change Drag Ropes= 8 hours

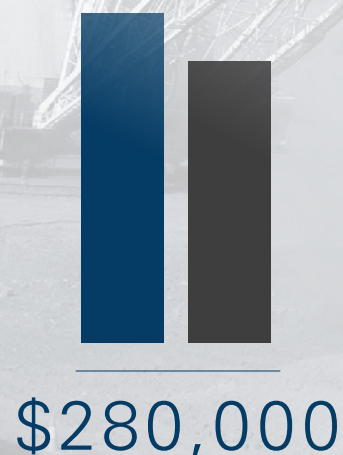
### **Basic 6 Strand Rope**

Hoist rope changes per year= 3 = 36 hours  
Drag rope changes per year= 5 = 40 hours  
Total downtime= 76 hours

### **Cushion Ultra® Rope**

Hoist rope changes per year= 2 = 24 hours  
Drag rope changes per year= 3 = 24 hours  
Total downtime= 48 hours

Reduction in downtime (76hrs - 48hrs) = **28 hours**  
Opportunity cost savings at \$10,000 per hour \*



Total savings per dragline per year

# USE **CUSHION ULTRA**<sup>®</sup> DRAGLINE ROPES TODAY AND BEGIN ENJOYING THE COST SAVING BENEFITS IMMEDIATELY

## 3. SAVING ON INSTALLATION LABOUR

*Example: Dragline using 4-3/8" diameter rope*

Annual installation hours saved by using Cushion Ultra<sup>®</sup>= 28

Crew required to change ropes= 8 man

Total hours saved= 8 x 28 = 224 man hours

Hourly rate= \$40 per hour \*

Total savings= 224 x \$40 = \$8,960 per year per dragline



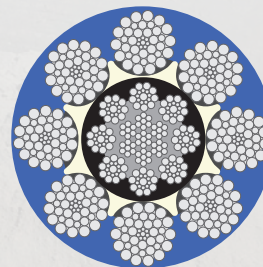
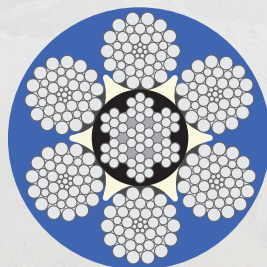
**\$8,960**

Total savings per dragline per year

**TOTAL SAVINGS: \$490,000** PER DRAGLINE PER YEAR

## 4. LESS WEAR ON DRUM AND FAIRLEAD

- » Plastic filled ropes have proven ability to reduce drum and fairlead wear.
- » The presence of the external plastic creates a greater contact surface that reduces the bearing pressures.
- » Wear, not only on the rope but also on the drum and fairlead is significantly reduced.



---

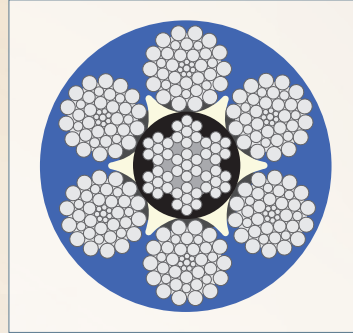
# CUSHION ULTRA®

## DRAGLINE ROPE

---

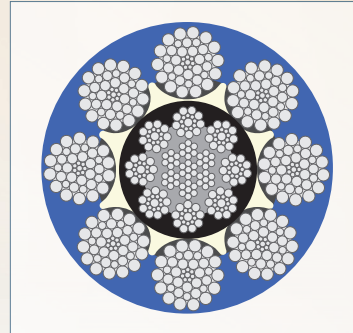
### CUSTOMER BENEFITS

- » Reduced machine down time
- » Fewer rope change outs
- » Minimal sheave and drum wear
- » Rope and machine cleanliness
- » Improved productivity
- » Available in sizes up to 5"



### 6 STRAND CONSTRUCTION

*Larger strand diameter for improved resistance to abrasion.*



### 8 STRAND CONSTRUCTION

*Provides increased flexibility.*

---

## CONTACT US

---

### HEAD OFFICE

5501 Trans-Canada Highway  
Pointe-Claire, Quebec  
H9R 1B7 Canada

Tel: 514.697.9711  
Fax: 514.697.3534  
Toll free: 1.800.565.5501

### FOR INQUIRIES

[mail@wirerope.com](mailto:mail@wirerope.com)

[www.wirerope.com](http://www.wirerope.com)



**WIRE ROPE**  
INDUSTRIES