

Always at your side





# CÂBLERIES NAMUROISES

Founded 80 years ago in Namur, Câbleries Namuroises are **manufacturers and wholesalers specialized in steel wire ropes, ropes, chains, straps and all types of lifting accessories.**

Active throughout the world, we guarantee quality products and services at highly competitive prices.

**Creation of Câbleries Namuroises** near Namur train station - Steel wire ropes used primarily by the local mines.



**Internationalization of purchases and sales** - Trade policy intensified throughout the world.



**Installation in the Fernelmont industrial park** (15 km to the east of Namur) - «Zero energy» offices of 900 m<sup>2</sup>, isolated 330 m<sup>2</sup> workshop and 3,600 m<sup>2</sup> warehouse.

1934

1960

1980

1998

2005

2013



**Acquisition of the factory by the Malevez family** in order to enlarge it and meet the needs of the region's coal mining industry - Move to the outskirts of the city (Jambes).

**Start of exporting activities** to the Netherlands, northern France and the former colonies, due to the gradual phasing out of coal mines.



**High value-added products carefully selected according to their qualities and price**, always meeting the specific needs of our clients.



# 10

## GOOD REASONS FOR CHOOSING CÂBLERIES NAMUROISES



1 80 years of **know-how**

2 **Dynamic and efficient technical sales representatives:** a quick answer in your language, visits to your site, participation in trade fairs

3 Excellent **value for money** and compliance with current standards

4 **Multi-sectoral:** for industry, construction, nautical, fishing, rafting, elevators, cliff-protection, harbours, mining, forestry, railways, etc.



9 **Permanent inventory** of over 3,000 tonnes over 3,600 m<sup>2</sup>!

10 **Wide range of products:** steel wire ropes of all types (stainless, galvanized or ungalvanized / bright), of all diameters and for all purposes (lifting, cranes, slings, lashing or pulling) as well as ropes, chains, straps and all lifting accessories (hooks, thimbles, shackles, lifting beams, overhead cranes, etc.)

5 **Personalized inventory:** annual orders for staggered deliveries

6 **References** Worldwide

7 **Tailored production:** cuttings, slings, chain assembly, coated steel wire ropes and personalized packaging

8 **Extended service:** quality, transport, credit, insurance, etc.



# THE DIFFERENT STEEL WIRE ROPE CONSTRUCTIONS

## WARRINGTON

A steel wire rope within which narrow-diameter external wires are added to each strand in order to ensure a better distribution of weight and therefore a larger contact surface on the strands.

## SEALE

A steel wire rope in which the external wires of each strand have a larger diameter than the internal wires in order to cope with external abrasion.

## LANG

A steel wire rope in which the direction of the steel wire ropes is the same as that of the wires. A Lang steel wire rope offers greater flexibility and greater resistance to internal abrasion.

## FILLER

A steel wire rope within which narrow-diameter wires are integrated into the strands in order to minimize internal rupturing.

## WIRE STEEL CORE (WSC)

A steel wire rope whose central core is made of steel.

## FIBER CORE (FC)

A steel wire rope whose central core is made from polypropylene.

## RHOL = SZ

Right-hand ordinary lay steel wire rope .

## LHOL = ZS

Left-hand ordinary lay steel wire rope .

## MINIMUM BREAKING LOAD (MBL)

Minimum breaking load below which a steel wire rope sample must never break on the test bench. It is measured in kN.

## EFFECTIVE BREAKING LOAD (EBL)

The effective breaking load obtained after a destructive tensile strength test performed on the steel wire rope .

## TENSILE STRENGTH

Each wire has a specific resistance. It is measured in N/mm<sup>2</sup>.

## DIAMETER OF A STEEL WIRE ROPE

It is equal to the diameter of the circle visible in a crosscut of the steel wire rope.



## TYPES OF STEEL WIRE ROPES



PAGES	INDUSTRY	WSC or FC Warrington and/or Seale	1x7	1x19	1x36	6x7	6x19	6x25	6x26	6x36	6x37	7x7	7x19	8x19	19x7	35x7
8-9	Harbours						•			•	•			•	•	•
10-11	Nautical		•	•	•							•	•	•	•	
12-13	Construction			•				•		•	•	•	•		•	•
14-15	Industry		•	•		•	•	•	•	•	•	•	•	•	•	•
16-17	Lifting						•			•	•			•	•	•
20-21	Forestry						•	•	•	•					•	
22-23	Railways/Cliff-protection						•			•		•	•	•	•	•
24-25	Fishing		•	•		•	•	•	•	•	•	•	•	•	•	•
26-27	Offshore/Onshore						•	•	•	•	•	•	•	•	•	•
28-29	Mining					•	•	•	•	•	•				•	•
30-31	Miscellaneous		•	•			•			•		•	•			

→ This list of steel wire rope constructions is not exhaustive. Do not hesitate to contact us with any special requests.

# HARBOURS



## QUALITY AT YOUR SERVICE

With our expertise in the field of harbours, we are able to guarantee increased profitability by optimizing the operation of your gantry cranes and cranes through the use of the most appropriate equipment.



### STEEL WIRE ROPE

**Lifting:** 6x19, 6x19[S], 6x36, 6x37, 8x19 in galvanized or bright steel – 8x26, 8x36 compacted (plastic impregnation)  
**Non-rotating:** 17x7, 18x7, 19x7, 35x7 Lang compacted steel wire rope in galvanized or bright steel



### CHAIN

**Lifting:** GRADE 80-100  
**Other:** lashing (grade U1, U2, U3) with or without studs , DIN 5685A, DIN 763, DIN 766 - in galvanized or stainless steel



### WEB SLING

**Lashing:** with ratchet tie  
**Lifting:** flat, tubular with/without protective sleeve (PVC, Polyester, polyurethane), with/without ring (triangular)



### STEEL STRAP

**Steel:** blued, black painted, zinc coated  
**Textile:** polyester and polypropylene



### ROPE

**Polyester:** 3- and 8-strand hawser  
**Polypropylene:** 3- and 8-strand hawser



### ACCESSORIES

**For steel wire ropes:** lifting ring, thimble, hook, socket, connection, ferrule, shackle, pulley/block, wire rope clips, others  
**Lifting:** free lashing/lifting, marine lashing, measuring instruments, steel sling, hoist, clamp, lifting system, others



NAUTICAL



## THE COMBINATION OF RESISTANCE AND AESTHETICS

With an eye for aesthetics, quality and durability, our steel wire ropes are carefully selected to provide optimal resistance to the stresses of the maritime environment.



### STEEL WIRE ROPE

**Boats and yachts:** 6x7, 6x24, 7x7, 18x7

**Rigging:** 1x7, 1x19 compacted, 1x36 compacted in stainless steel AISI 316 - 1x37, 7x19

**Static:** 1x7, 1x19 in stainless steel AISI 316



### ROPE

**Polyamide:** 3- and 8-strand hawser, halyard 12- plait with polyurethane impregnation

**Polyester:** 3- and 8-strand hawser, halyard 16- plait

**Polypropylene:** 3- and 8-strand hawser, halyard 12- plait



### ACCESSORIES

**For steel wire ropes:** stainless steel end fitting, lifting ring, socket, turnbuckle

# INDUSTRY

## HEAVY-DUTY RESISTANCE

We offer advice and provide the steel wire ropes and accessories that meet the requirements of their intended use at all level of your production line.



### STEEL WIRE ROPE

- Lifting:** 6x7, 6x19, 6x25, 6x36, 6x37, 7x7, 7x19 in galvanized or bright steel - 8x26, 8x36 compacted (plastic impregnation)  
**Non-rotating:** 19x7, 35x7 compacted in galvanized or bright steel  
**Polyamide-coated or plasticized:** 1x7, 1x19, 1x37, 6x7
- Specific:**
- **Stainless steel AISI 316:** 1x19 (PVC-coated), 7x7, 7x19
  - **Bright or galvanized steel:** 6x25[S], 6x36[WS], 6x47[WS], 6 triangular strands of (12+12 or 12+16) wires (for blast furnace elevators)



### CHAIN

- Lifting:** GRADE 80-100  
**Other:** DIN 5684-8 in galvanized steel or calibrated stainless



### WEB SLING

- Lashing:** with ratchet tie  
**Lifting:** flat and tubular



### ROPE

- Polyamide:** 3- and 8-strand hawser, semi-static (EN 1891)  
**Polypropylene:** 8-strand hawser



### ACCESSORIES

- For steel wire ropes:** lifting ring, hook, connection, shackle, pulley/block, others  
**Lifting:** free lashing/lifting, hoist, clamp, lifting system, others





CONSTRUCTION



## A SAFE AND STRONG SOLUTION FOR YOUR FINEST PROJECTS

Let us build your greatest projects together. Our steel wire ropes and handling accessories enable you to meet your safety and precision objectives.



### STEEL WIRE ROPE

**Architecture and rigging:** 6x7, 6x25, 7x7, 7x19 in stainless steel AISI 316 and PVC-coated steel wire ropes  
**Elevator:** 8x19 Seale dual tensile (1370-1770 N/mm<sup>2</sup>)  
**Lifting:** 6x19, 6x36, 6x37  
**Non-rotating:** 17x7, 19x7, 35x7 Lang compacted



### CHAIN

**Lifting:** GRADE 80-100



### ROPE

**Polyamide:** semi-statique (EN 1891)



### ACCESSORIES

**For steel wire ropes:** lifting ring, hook, socket, connection, carabiner, pulley/block, steel wire rope clamp, thimble, ferrule, others  
**Lifting:** free lashing/lifting, hoist, clamp, safety, lifting system



# LIFTING



## OUR SOLUTION FOR EVERY CHALLENGE

Lifting is the very core of our business. Whether you need steel wire ropes, chains or straps, we cater to your every need with a very wide range of solutions.



### STEEL WIRE ROPE

**Lifting:** 6x19, 6x36[WS], 6x37, 6x41, 6x61, 8x19 - 8x19[S] compacted - 8x26, 8x36 compacted (with or without plastic impregnation) - in bright, galvanized or stainless steel AISI 316  
**Non-rotating:** 17x7, 18x7, 19x7, 34x7, 35x7 in bright, galvanized or stainless steel AISI 316



### CHAIN

**Lifting:** GRADE 80-100



### WEB SLING

**Lifting:** flat and tubular



### ROPE

**Polyethylene:** High-modulus



### ACCESSORIES

**For steel wire ropes:** lifting ring, thimble, hook, connection, quick link, ferrule, shackle, carabiner, pulley/block, steel wire rope clamp, turnbuckle, steel wire rope puller, others  
**Lifting:** free lashing/lifting, measuring instruments, steel sling, hoist, clamp, lifting system





## FINESSE AND STURDINESS

Thanks to the presence of our sales representatives in the field, we are able to develop robust and appropriate lashing, pulling and logging equipment applications in collaboration with forestry workers.



### STEEL WIRE ROPE

**Non-rotating:** 19x7 in galvanized steel  
**Traction:** 6x19[WS], 6x25, 6x26, 6x31, 6x36 in bright steel



### CHAIN

**Lifting:** GRADE 80-100  
**Other:** DIN 766, DIN 5684-8 in galvanized steel or stainless calibrated



### WEB SLING

**Lashing:** with ratchet tie  
**Lifting:** tubular



### STEEL STRAP

**Steel:** blued, black painted, zinc coated  
**Textile:** polyester and polypropylene  
**Other:** strip tensioner, strapping machine, coiler, corner protector



### ACCESSORIES

**For steel wire ropes:** lifting ring, thimble, hook, socket, connection, link shackle, ferrule, shackle, pulley/block, steel wire rope clamp, turnbuckle, others  
**Lifting:** free lashing/lifting, clamp

FORESTRY



# RAILWAYS/ CLIFF PROTECTION



## PRECISION DOWN TO THE SMALLEST DETAILS

We have worked with several public railway companies over the years. Whether you need to secure catenaries or protect cliffs, we have your solution.



### STEEL WIRE ROPE

**Cliff protection:** 6x19[S], 7x7, 7x19 in high galvanization (Class A) or GALFAN (95% zinc / 5% aluminium)  
**Non-rotating:** 18x7[WS] 2160N/mm<sup>2</sup>, 19x7, 35x7 in stainless steel AISI 316  
**Railways:** 6x19[WS], 6x36[WS], 8x19[WS] in stainless steel AISI 316



### CHAIN

**Other:** DIN 766, DIN 5685C in greased bright steel



### ACCESSORIES

**For steel wire ropes:** lifting ring, thimble, socket, link shackle, ferrule, carabiner, steel wire rope clamp, turnbuckle, others  
**Lifting:** measuring instruments, safety, others



**FISHING**



## CREATED FOR YOUR PROFITABILITY

Reliability and profitability are the watchwords of Câbleries Namuroises for the fisheries. Whether you need steel wire ropes , textile ropes or fishing nets, we are able to meet your requirements in terms of quality and cost.



### STEEL WIRE ROPE

**Aquaculture:** 1x7, 1x19, 6x7, 7x7 polyamide-coated or plasticized

**Fishing:** 6x12[WS] , 6x19, 6x19[S], 6x24, 6x25, 6x26, 6x36[WS], 8x24[S] in galvanized steel – 7x19 in stainless steel



### CHAIN

**Lifting:** GRADE 80-100

**Other:** DIN 766, DIN 5685 A/C tension insulator chain in galvanized steel or stainless calibrated



### ROPE

**Nylon:** 3-8 strands, malleta

**Polypropylene:** 3- and 8-strand hawser, halyard 12- plait



### ACCESSORIES

**For steel wire ropes:** lifting ring, thimble, hook, swivel, connection, ferrule, shackle, carabiner, pulley/block, steel wire rope clamp, turnbuckle

**Lifting:** marine lashing, others



**ONSHORE &  
OFFSHORE**



## CERTIFIED QUALITY AND EXPERIENCE

For this demanding sector requiring strict standards to be met, we provide certificates and test reports for each steel wire rope. Our products are inspected by our workshop as soon as they arrive in order to ensure that they meet all of your expectations.



### STEEL WIRE ROPE

**Forage:** 6x19 2160 N/mm<sup>2</sup>, 6x26, 6x31[WS] in bright steel  
**Lifting:** 6x36, 6x36[WS], 7x19, 8x19, 8x19[S] in galvanized steel – 6x25[S], 6x37, 8x19[S] in bright steel  
**Non-rotating:** 19x7, 35x7 in galvanized steel



### CHAIN

**Lifting:** GRADE 80-100



### WEB SLING

**Lashing:** with ratchet tie  
**Lifting:** flat and tubular



### ACCESSORIES

**For steel wire ropes:** lifting ring, thimble, hook, socket, connection, ferrule, shackle, pulley/block, steel wire rope clamp  
**Lifting:** hoist, safety

MINING



## REQUIREMENTS TRACEABILITY

Each steel wire rope is provided with a specific certificate. We ensure that our products can be traced from production to end use - a guarantee of quality and service for our customers.



### STEEL WIRE ROPE

**Flat steel wire ropes:** elevators for mines in the DR Congo

- 6, 8 and 10 hawsers of 4x6 TC
- 6, 8, 10 and 12 hawsers of 4x6 SC
- 6, 8 and 10 hawsers of 4x8 TC
- 6, 8, 10 and 12 hawsers of 4[S]x18 SC

**For inclines and dragging:** 6x7, 6x19, 6[S]x19, 6[S]x25 in bright and galvanized steel

**For scraping and cutting:** 6[S]x7, 6[S]x19

**Lifting:** 8x31 internal and external plasticized in galvanized steel

**Pulling and lifting:** 6x15, 6x19, 6x19[S], 6x36 compacted, 6x37, 8x25[S], 8x37 in galvanized or bright steel

**Quarry:** 6x25[S] in galvanized steel



### CHAIN

**Lifting:** GRADE 80-100



### WEB SLING

**Lifting:** flat and tubular



### ACCESSORIES

**For steel wire ropes:** lifting ring, thimble, hook, socket, connection, ferrule, shackle, pulley/block, steel wire rope clamp, turnbuckle

**Lifting:** hoist, safety

# MISCELLANEOUS



## THE SOLUTION FOR ALL CIRCUMSTANCES

In order to meet the growing needs of our customers, we offer a complete range of products and solutions tailored to your projects.



### STEEL WIRE ROPE

**Automotive:** 1x7, 1x19, 7x7 in galvanized steel  
**Fruit cultivation:** 1x19 in galvanized steel  
**Lifting:** 6x19[S], 6x36 in galvanized steel  
**Telecom antenna:** 1x19, 7x19 in galvanized steel or stainless steel



### CHAIN

**Lifting:** GRADE 80-100  
**Other:** DIN 766, DIN 5685 A/C tension insulator chain



### WEB SLING

**Lifting:** flat and tubular



### ROPE

**Natural fiber:** 3 or 4 strands  
**Nylon:** 3-8 strands, malleta  
**Polyester:** 3- and 8-strand hawser  
**Polypropylene:** 3- and 8-strand hawser



### ACCESSORIES

**For steel wire ropes:** lifting ring, thimble, hook, swivel, connection, link shackle, ferrule, shackle, carabiner, pulley/block, steel wire rope clamp, turnbuckle, steel wire rope puller, others  
**Lifting:** free lashing/lifting, marine lashing, measuring instruments, hoist, clamp, safety, lifting system, others

# ACCESSORIES

## ACCESSORIES FOR STEEL WIRE ROPES, CHAINS AND STRAPS



### CARABINER

1. With ring
2. With safety screw
3. Standard

### CONNECTION

1. Connection
  - A. Standard + for chain
  - B. Viking
  - C. Fishcon
  - D. Type G
2. Shackle
3. Webbing coupling link
4. Omega shackle

### FERRULE

1. Material
  - A. Aluminium
  - B. Copper
  - C. Stainless steel
2. Shape
  - A. Oval
  - B. Round
  - C. Conical
  - D. Wire stop

### HOOK

1. Hook head type
  - A. Eye
  - B. Clevis
  - C. Swivel
2. Catch hold type
  - A. C
  - B. Choker
  - C. Foundry
  - D. Grab
    - Shortening clutch
    - Hook
  - E. Lifting
    - With safety latch
    - Grab locking
3. Weld-on type
4. Container hook
5. Sorting hook
6. Others
  - A. S
  - B. Barrel hook
  - C. Cable drum hook

### LIFTING RINGS

1. For slings
  - A. Master link
  - B. Master link assembly
  - C. Egg link
2. For attaching
  - A. Lifting eye bolt
  - B. Eye nut
  - C. Eye nut with oval eye
  - D. Male clevis ring
  - E. Rotating female eyebolt
  - F. Swivel ring
3. For turnbuckles

### PULLEY/BLOCK

1. Snatch block
  - A. With hook
  - B. With shackle
  - C. Tail board
2. Oilfield servicing block
3. Frame pulley
4. Treadle-operated
5. Fixed (1 to 3 sheaves)
6. Sheaves

### PULLING CABLE

1. Loop
  - A. Simple
  - B. Double
2. End
  - A. Spliced
  - B. With ferrule

### QUICK LINK

1. Standard
2. Long
3. Triangular

### SHACKLE

1. Type
  - A. Bow
  - B. Bolt
  - C. Square head
2. Locking
  - A. Screw pin
3. Quality
  - A. High resistance
  - B. Commercial

### SOCKET

1. Peer
  - A. Wedge
  - B. Eye (closed)
  - C. Clevis (Open)
  - D. Resin
2. Swage
  - A. Eye (closed)
  - B. Clevis (Open)

### SWIVEL

1. Thrust bearing
  - A. Eye
  - B. Clevis/Jaw
  - C. Hook
2. Forged
  - A. Chain
  - B. Regular
  - C. Jaw ends

### THIMBLE

1. Standard
2. Heavy duty
3. Solid
4. Tubular

### TURNBUCKLE

1. DIN 1478
2. DIN 1480 with extremities:
  - A. Jaw
  - B. Eye
  - C. Hook
  - D. Turnbuckle body
  - E. Stubend
3. Ratchet type load binders
4. Spring type load binders

### WIRE ROPE CLIP

1. U-bolt
  - A. DIN 741
  - B. EN 13411-5
    - Type A (formerly DIN 1142)
    - Type B
2. Double bolts
  - A. Opposite direction (type Fist Grip)
  - B. Parallel direction (type Iron Grip)
    - Clamp type
    - Grip thimble
    - Flat / wire clip
3. Simplex
4. Duplex

### OTHERS

1. Rope clip plier
2. Wire rope winch (Tirfor®)
3. Cutting plier
4. Hydraulic press
5. Wedge ferrule
6. Miscellaneous



## CHAINS

### LIFTING

1. GRADE 80
2. GRADE 100

### OTHERS

1. Anchor (grade U1, U2, U3)
  - A. With studs
  - B. Without studs
2. DIN 5684-8 or calibrated
3. DIN 5685
  - A. A
  - B. C
  - C. G
4. DIN 762
5. DIN 763
6. DIN 764
7. DIN 766

## WEB SLING

### LASHING

With ratchet tie  
(EN 12195-2)

### LIFTING

1. Flat (EN 1492-1)
  - A. Endless
  - B. Eye
2. Tubular (EN 1492-2)
  - A. Endless
  - B. Eye
3. Finish
  - A. With/without protective sleeve (PVC, Polyester, polyurethane)
  - B. With/without ring (triangular)



## STEEL STRAP

### STEEL

1. Blued
2. Black painted
3. Zinc coated

### TEXTILE

1. Polyester (PET)
2. Polypropylene (PP)

### OTHERS

1. Clevis seals
2. Edge protector
3. Strap dispenser
4. Turnbuckle



## ROPE

### CONSTRUCTION

1. Yarn / net
2. 3-strand hawser
3. 4 strands (combi)
4. 6 strands (combi)
5. 8-strand hawser
6. Halyard 12- plait
7. Halyard 16- plait
8. Halyard 24- plait

### MATERIAL

1. Polyamide
2. Polypropylene
3. Polyester
4. Nylon
5. Polyethylene
6. Natural fiber / sisal

## OTHERS

### HOIST

1. Electric
2. Manual
3. Pneumatic
4. Ratchet hoist
5. Pulley block trolley
6. Claw for beams
7. Stabilizer

### CLAMP

1. Plate
  - A. Standard
  - B. Horizontal transport
  - C. Vertical transport
  - D. For delicate surfaces
  - E. For steel joists
2. Rail clamp
3. Joist girders clamp
4. Round bars clamp
5. Kerbstone clamp
6. Adjustable clamp
7. Barrel drum clamp
  - A. Vertical
  - B. Horizontal
8. Pipe suspension grap
9. Special
10. C-shaped

### LIFTING SYSTEM

1. Sling
  - A. Steel wire rope
  - B. Strap / Webbing
  - C. Chain
2. Spreader
  - A. Single beam
  - B. Container
3. Hook and container
4. Cargo / lifting net
5. Working platform
6. Gantry crane
7. Swelling wall and pillar cranes
8. Grider crane
9. Forklift truck
10. Ram attachment and support clamp
11. Lift table

### FREE LASHING/LIFTING

1. Twistlock
  - A. Rack and pinion
  - B. Multiple use
  - C. Mechanical
  - D. Hydraulic
2. Jack

### 3. Winch

- A. Electric
  - B. Warn
  - C. Hand
4. Pallet truck
    - A. Manual
    - B. Electric
  5. Glass section cup
  6. Magnet

### MARINE LASHING

1. Anchor
  - A. Pool
  - B. Mushroom
  - C. Grapple
  - D. Plowshare
  - E. A jas
  - F. Spade
  - G. Bruce
  - H. Delta
  - I. Hall
  - J. LWT – Danforth
2. Anode
3. Bollard
4. Tug fender
5. Buoy / float

### MEASURING INSTRUMENTS

1. Dynamometer

### PLATE

1. Identification plate

### 7. Cylinder

- A. Mechanical
  - B. Screw
  - C. Pusher-puller
  - D. Single-acting spring
  - E. Lock nut
  - F. Double-acting
  - G. Pull
8. Pump

### SAFETY

1. Safety harness
2. Textile lifeline
3. Automatic fall protection
  - A. With web sling
  - B. With steel wire rope
  - C. With rope

### STEEL SLING

1. Chain mail
2. Rope webbing sling
3. Flat braided steel wire rope

### OTHERS

1. Screws / Bolts
2. Rail / splice bar
3. Marlinspike
4. Otter board
5. Antitheft mechanism for trailers
6. Roller pad



**C  
N** **CABLERIES  
NAMUROISES**

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