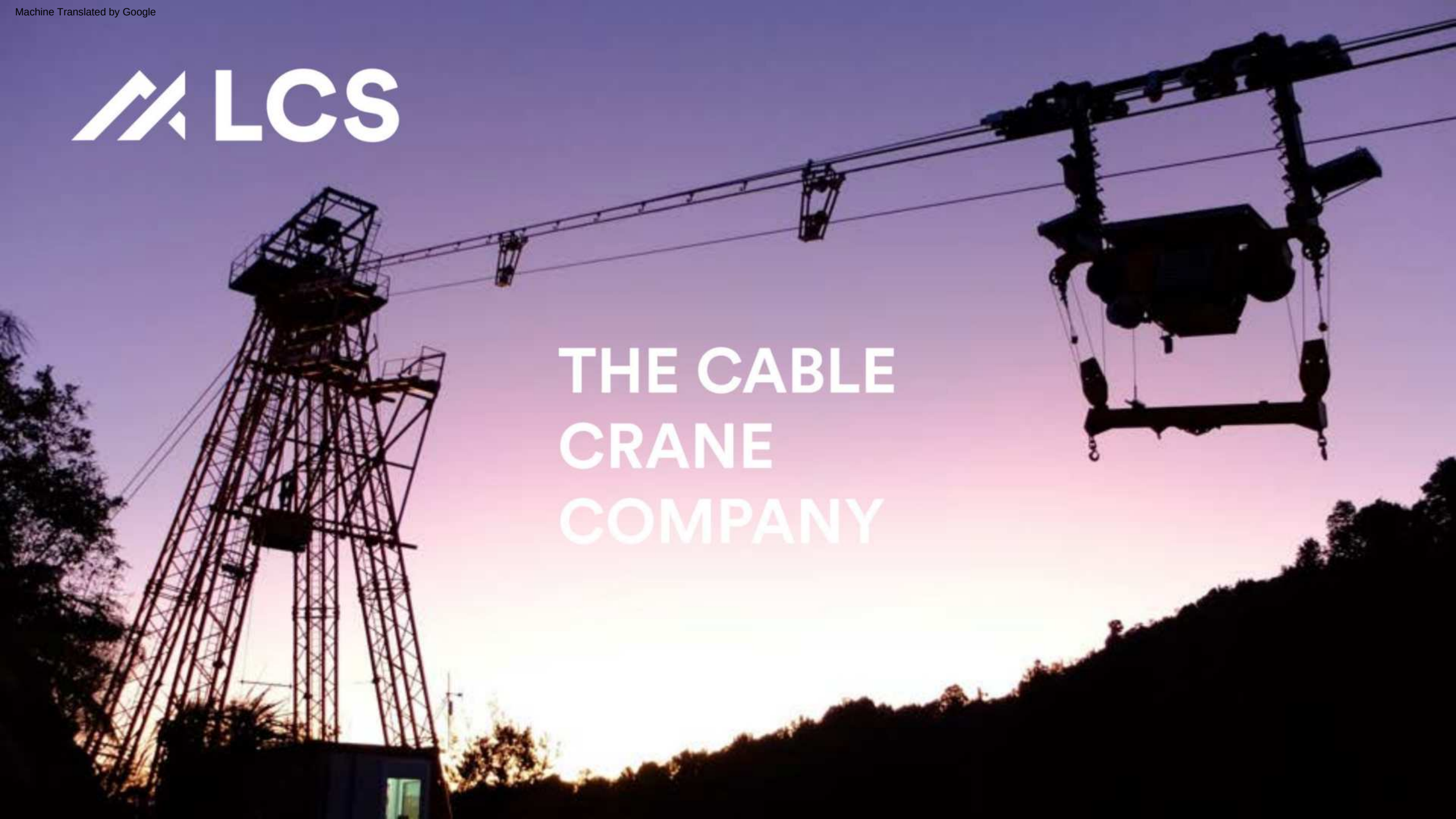


The company

1948

More than 70 years
experience in crane technology cable and winches

Worldwide operations
Export share: ÿ 97% outside Europe: ÿ 85%

Their solution finders

EXPERIENCED TEAM

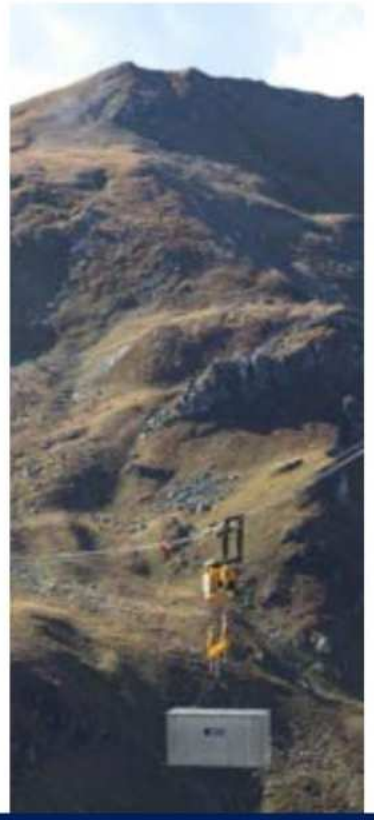
ÿ Our most important asset is our employees

ÿ As a team, we combine consistency, reliability, and innovation.

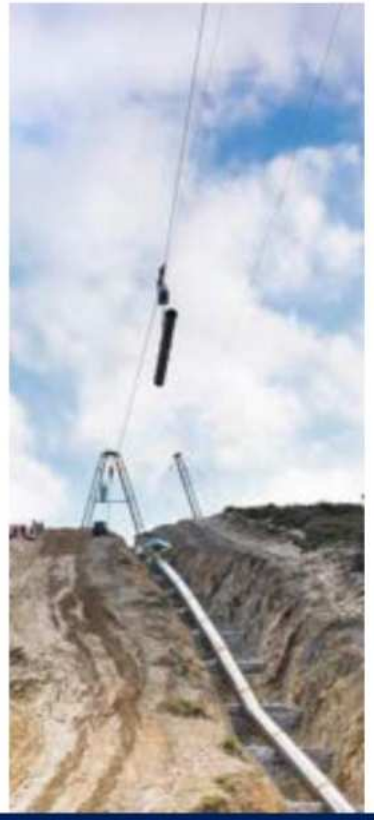
ÿ This combination offers many technical knowledge and creativity

Cable crane systems

SECTORS



Mountain construction



Pipeline construction

Energy
hydraulics

Prey
Construction

Mining

Bridge construction

Our History

1948

Foundation
GANTNER Seilbahnbau

1989

Foundation
Ludescher Cable Crane Systems

2017

Merger of
LCS & GANTNER
to
LCS Cable Cranes

2020

Takeover of the
cable crane technologies from
ThyssenKrupp

2021

New headquarters and
re-branding of LCS

International experience

SBN · whitaker construction co. · SPIECAPAG ENTREPOSE · VINCI · SWIETELSKY · sidm · CNPC · Bonatti · nacap · VALE

Doppelmayr · queiroz galvão CONSTRUÇÃO · KALPA-TARU POWER TRANSMISSION · ExxonMobil Energy lives here · ANDRITZ Hydro · CRT Construction · Chevron · Vorarlberger Illwerke AG · STRABAG · LEDCOR

Safety first

ISO 4500:2018

ÿ Active management of work and health

ÿ Zero accidents and near misses

ÿ Integration of the interests of all stakeholders

Environmental awareness as a principle

ISO 14001:2015

ÿ Establishment of internal management systems and processes

ÿ Reduction of waste, wastewater and emissions

ÿ The least possible environmental impact

Quality

ISO 9001:2015

ÿ Reliable structures and processes

ÿ Compliance with the most demanding quality standards

ÿ Continuous improvement and control

LCS

CRANE SYSTEMS CABLE - THE SOLUTION TO THE CHALLENGES OF TRANSPORT IN LAND ACCIDENT VICTIMS

Cable crane systems

FOR MOUNTAIN WORKS

DATA ON CABLE CRANE SYSTEMS FOR MOUNTAIN CONSTRUCTION

ÿ Wingspan up to 3,000 m
ÿ Payload up to 30 t

ÿ Lifting speed up to 1.5 m/s
ÿ Travel speed up to 7 m/s

ÿ Lifting height up to 200 m
ÿ Steep terrain up to 70 °

LCS

Cable crane systems

FOR THE CONSTRUCTION OF PIPES AND CONDUITS

DATA ON CABLE CRANE SYSTEMS FOR CONSTRUCTION

PIPES AND FORCED CONDUITS ÿ Direct routes with reduced ROW

ÿ Steep terrain up to 70

ÿ Safe and precise loading and unloading ÿ Possibility of horizontal curves

ÿ No equipment required heavy vehicles in dangerous areas

Cable crane systems

FOR THE CONSTRUCTION OF DAMS

DATA ON CABLE CRANE SYSTEMS FOR CONSTRUCTION DAMS

ÿ Wingspan up to 1,700 m ÿ Payload up to 50 t

ÿ Lifting speed up to 3.5 m/s

ÿ Travel speed of up to 9 m/s

ÿ Lifting height up to 350 m

Cable crane systems

FOR MINING

DATA ON CABLE CRANE SYSTEMS FOR MINING

ÿ Transport of materials up to 500 kg or 3 people with 125 kg each, can be placed in any place

ÿ Navigation in the three-dimensional area

ÿ Coverage: 1,000 m distance diagonal

ÿ Safe work within the defined work area

Cable crane systems

FOR BRIDGE CONSTRUCTION

DATA ON CABLE CRANE SYSTEMS FOR CONSTRUCTION BRIDGES

ÿ Wingspan up to 3,000 m

ÿ Payload up to 30 t

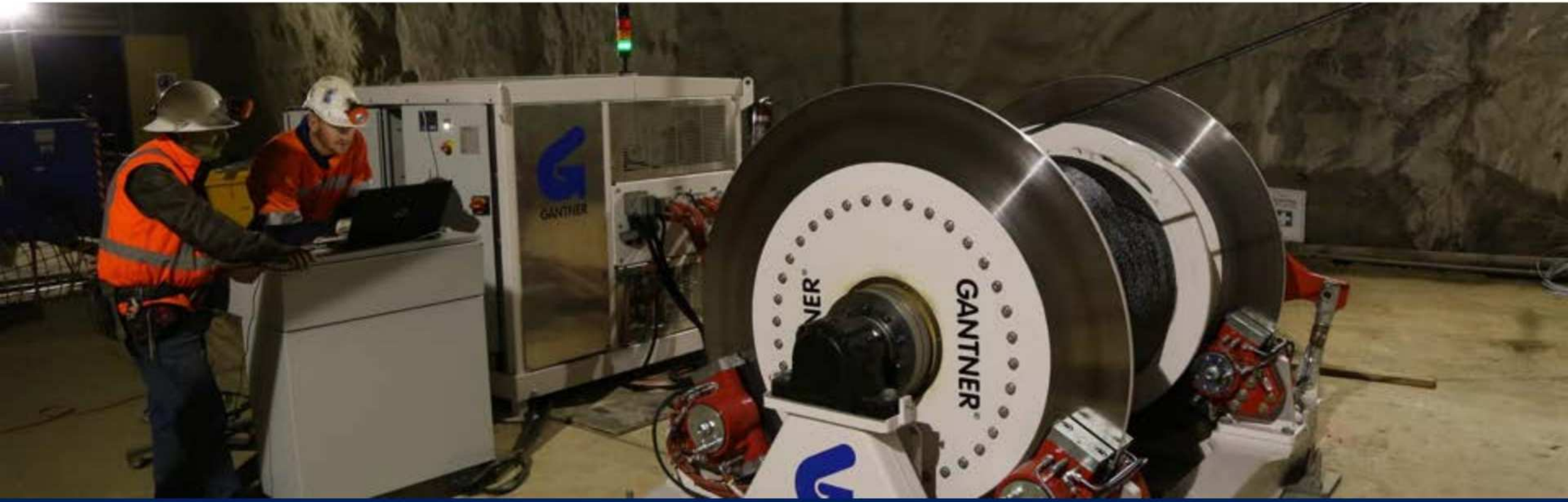
ÿ Lifting speed up to 1.5 m/s

ÿ Travel speed of up to 7 m/s

ÿ Lifting height up to 200 m

ÿ Slope up to 70 °

winches



DATA ON WINCHES

ÿ Payloads from 10 kN to 1000 kN

ÿ Rope capacity up to 3,000 m

ÿ Radio remote control up to 1,500 m

ÿ Several redundant braking systems

ÿ Latest control options generation

High-quality components

Many of the components needed for cable car construction must meet specific requirements and do so for years. In addition to pulleys and tower systems, we also manufacture cable supports and many other components.
other specialized parts.

PROJECTS
- LCS IN ACTION

Construction of a single-cable cable car

IN DOMINICA

CHARACTERISTICS

ÿ Two cable crane systems with a length of 2.5–4.3 kilometers

ÿ Payload of 6 tons

ÿ For the construction of the cable car plus the world's largest access point to Boiling Lake, in the island state of Dominica.

ÿ GW350D winch with a 110 kN traction force

ÿ GCS60 lifting unit with a speed of displacement up to 4 m/s

Construction Kurze Bild- Videobeschreibung of monocable cable cars

Construction Kurze Bild- Videobeschreibung of monocable cable cars

Construction Kurze Bild- Videobeschreibung of monocable cable cars

Construction Kurze Bild- Videobeschreibung of monocable cable cars

Construction Kurze Bild- Videobeschreibung of monocable cable cars

Bridge construction

IN BRAZIL

FEATURES ÿ 20-ton payload ÿ Minimal environmental impact

ÿ 535 total days in operation ÿ 7,250 hours of operation

ÿ 41,932 transports during the duration of the project

Short Picture Construction - Video description of bridges in

Brazil

Short Picture Construction - Video description of bridges in

Brazil

Short Picture Construction - Video description of bridges in

Brazil

Short Picture Construction - Video description of bridges in

Brazil

Short Picture Construction - Video description of bridges in

Brazil

Kurze Bild- Videobeschreibung

Construction of hydroelectric power plants

IN AUSTRIA

CHARACTERISTICS

ÿ Logistics solution for the construction of a hydroelectric power plant in winter

ÿ 20-ton payload

ÿ 81,358 tons of transport volume in 4 years

ÿ Electrohydraulic drive of 800 kW

ÿ Length of 2,640 m

ÿ Travel speed of up to 6 m/s

Construction of a hydroelectric power plant in Kurze Bild - Video description

Austria

Construction of a hydroelectric power plant in Kurze Bild - Video description

Austria

Construction of a hydroelectric power plant in Kurze Bild - Video description

Austria

Construction of a hydroelectric power plant in Kurze Bild - Video description

Austria

Construction of a hydroelectric power plant in Kurze Bild - Video description

Austria

Construction of oil pipelines
IN CANADA

CHARACTERISTICS

ÿ Line 1 with 16 payloads for transporting material

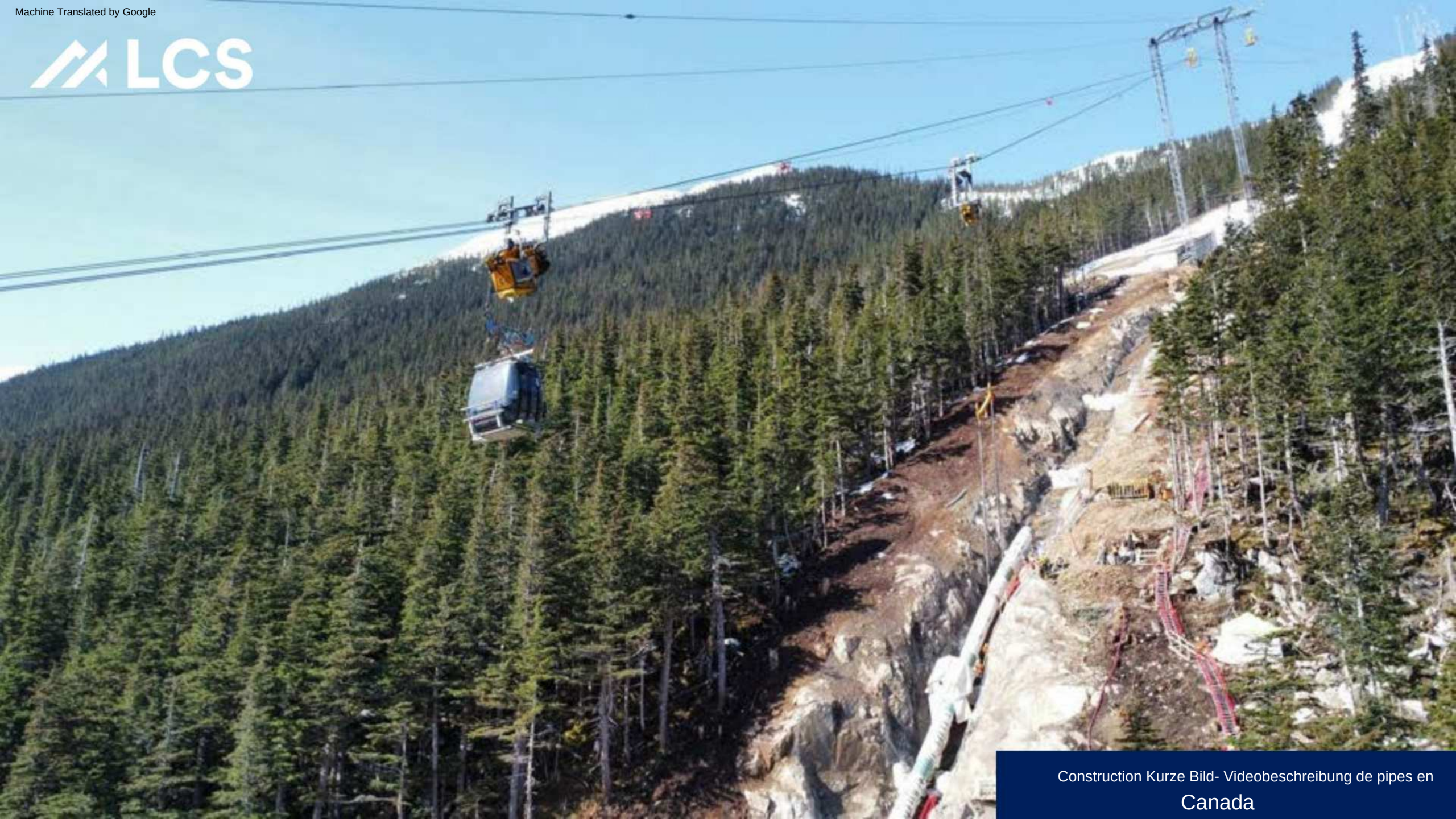
ÿ Line 2 with 5 payloads for passenger transport

ÿ Length of 1,400 m

ÿ Travel speed of up to 6 m/s

Construction Kurze Bild- Videobeschreibung de pipes en

Canada



Construction Kurze Bild- Videobeschreibung de pipes en

Canada

Construction Kurze Bild- Videobeschreibung de pipes en

Canada

Construction Kurze Bild- Videobeschreibung de pipes en

Canada

Construction Kurze Bild- Videobeschreibung de pipes en

Canada

Coastal GasLink

Maintenance work on the tailings dams

IN BRAZIL

CHARACTERISTICS

ÿ QXcrane to ensure the transport of personnel and equipment

ÿ Quick and safe evacuation in case of emergency for 3 people

ÿ Transport of 500 kg of material

Maintenance work (Short image) - Video description (tail res)

in the

Maintenance work (Short image) - Video description (tail res) in the

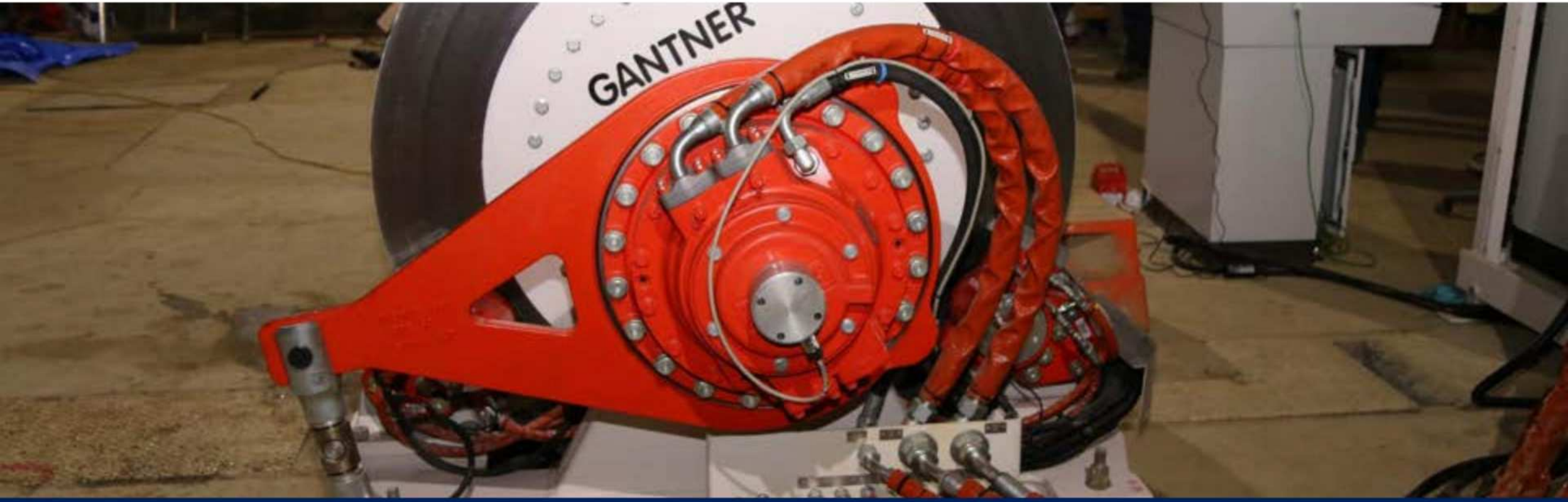
Maintenance work (Short image) - Video in the description (tail res)

Maintenance work (Short image) - Video in the description (tail res)

Maintenance work on the tailings

Mining surveillance system in Brazil

Axle rescue winch
IN TASMANIA



FEATURES ÿ
Electrohydraulic drive
37 kW ÿ
Drive tractive force up to 30 kN

ÿ Cable speed of 1 m/s ÿ Installation in existing system incl. interface control

ÿ Developed and manufactured according to "Australian standards".

Rescue winch for well in Tasmania

Rescue winch for well in Tasmania

THANK YOU.

LCS
THE CABLE
CRANE
COMPANY

lcs-cablecranes.com