

Him Cableways



Leaping Ahead Aerially





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Company Overview



Him Cableways was incorporated in the year 1992 with the intent to provide alternate transportation solutions which are viable, cost-effective and eco-friendly.

We are pleased to introduce ourselves as leading manufacturers, exporters and suppliers of innovative high-quality material handling equipment including Aerial Ropeways (material/passenger), Cable Cranes for radial and parallel applications, Winches, Conveyors and vertical/inclined passenger carrying Elevators. Negotiations are under way for technology transfer of Travelators (a moving walkway) with a European company.

With in-house facilities to design, manufacture and install Ropeway systems (as per NS-EN ISO 9001:208 / ISO 9001:2008), we provide customized solutions to the client, in accordance to their variegated requirements of aerial transportation needs in the plains and mountainous terrain.

The company has in its bag of installations, highest Ropeway systems at 20,000 feet with temperatures dropping to -40 degrees Celsius (most inhospitable conditions on the Siachen Glacier) in the Greater Himalayas for the Indian Army, which are running absolutely trouble free.

Him Cableways has designed, manufactured & installed Ropeways with capacities ranging from 100 to 10,000 Kgs and covering distances of 200 to 6400 Mtrs.

Some of our installations include:

- Ropeways for the Indian Army
- After the devastating earthquakes in Nepal, we provided Ropeways for rescue operations and to transport ration to remote areas
- Ropeways for Rural Development to connect hill-top villages for transporting agricultural produce in the mountains
- Ropeways for hydro-electric projects for construction of dams
- Ropeways for penstock laying
- Ropeways for cement factories
- Ropeways for the mining industry
- Ropeways for the tourism industry
- Recently, we supplied and installed major components including intermediate towers for a Ropeway for restoring a 1000 year old monastery in Bhutan.

We aim at introducing world-class Aerial Ropeways for passengers in India.

Apart from Ropeways, we manufacture and export steel Scaffolding/Form work and Highway Fencing items to Europe, USA and the Middle East, which include:

- Fencing poles
- Tensioning clamps
- Rollers
- Track wheels
- Shuttering clamps
- Pipe clamps
- Jack Stands
- and many more...



Recently, we have developed and launched an Electric Rikshaw (also known as electric tuk-tuk). They are being widely accepted as an alternative to petrol/diesel/CNG auto rickshaws due to their low operational cost. It has been designed to minimize the adverse impact on the environment through currently, high rising traffic and pollution.

Our organization has been empowered by a sophisticated infrastructure which sprawls over a large area and is segregated into many working units which enable smooth execution of assignments. With over hundred systems installed, we are constantly discovering and learning about new innovations and designs.

Recently, we collaborated with three European companies for technology transfer. These foreign companies are engaged in designing of Aerial Ropeways and are pioneers in the field.

Services

Our services include:

Transportation Analysis

Topographic Mapping

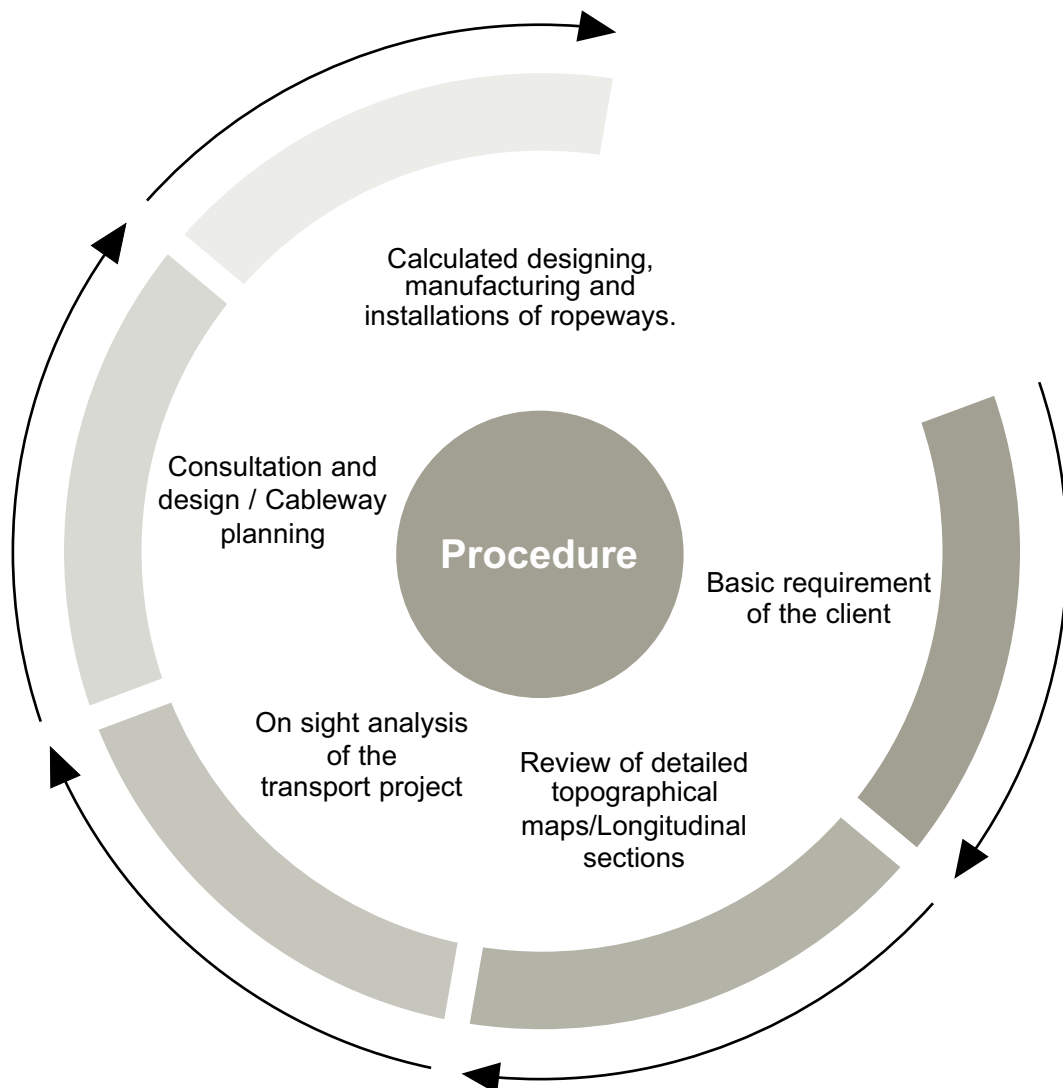
Longitudinal Section for the line of Ropeway

Detailed/General Project Report

Preliminary Cost Calculations

Calculated Designing, Manufacturing & Installation of Ropeways

Dismantling, Repairing / Over -Hauling and Re-Installation of old Ropeways



MATERIAL HANDLING ROPEWAYS

CABLE CRANE



A structure used to lift and lower loads and to transport loads horizontally.

MONO-CABLE



A Mono-cable system has only one cable that does the work of supporting and also propelling. The carriers may also be detached from the cable.

BI-CABLE



A Bi-cable system has two cables, one of which supports the carriage (track rope). This cable is stationary while the other cable (hauling rope) moves and serves the purpose of propulsion.

CONVEYOR



A conveyor system is a common piece of mechanical handling equipment that moves materials on belts from one location to another. Conveyors are especially useful in applications involving the transportation of materials in bulk quantity.

PASSENGER CARRYING ROPEWAYS

TRAMWAY



An aerial tramway (Cable Car) is a type of ropeway which uses one or two stationary ropes for support while a third moving rope provides propulsion. With this form of lift, the grip of an aerial tramway is fixed onto the propulsion rope and cannot be decoupled from it during operations.

GONDOLA



A Gondola lift is a type of ropeway, which is supported and propelled by a single, carrying cum hauling rope. It consists of a loop of a steel cable which is strung between two stations and supported by intermediate towers. The grips of this system could either be fixed or detachable.

CHAIRLIFT

With same operations as the Gondola, this type of ropeway has chairs in place of cabins with seating capacity of 2, 4, 6 or 8 passengers. In this system, the grips are usually detached from the carrying hauling rope in the terminal stations permitting loading & unloading of passengers.



SURFACE LIFT



A surface lift is a type of cable transportation system used to transport skiers and snow boarders where riders remain on ground as they are pulled uphill through J-Bars or T-Bars.

FUNICULARS



A ropeway, carriers of which are rail borne and rails having the function to support carriers, which are hauled by a haul rope. The track bed could either be sloping or horizontal. The single carrier or in the case of two carriers, both carriers travel forward and backward between the two terminal stations.

INCLINED ELEVATORS



An Incline Elevator is an elevator that runs in a direction diagonal to the ground. Unlike a standard elevator, incline elevators can go up tilted grades.

ELECTRIC VEHICLES

ELECTRIC RIKSHAWS



E Rickshaws are three wheel battery operated vehicles, which are considered as an upgrade to conventional rickshaws and are economically better than other fuel variants. These rickshaws, since are battery powered, have zero emission.

Advantages

BASIC ADVANTAGES OF AN AERIAL ROPEWAY

Aerial Ropeways are the most advantageous modes of transportation which contribute to an environment friendly, economical and practical solution. A Ropeway is possibly the most efficient of all modes of transport and has many advantages.

Effective, Efficient & Powerful form of transporting goods and people.

Low construction cost in comparison to rail & roads.

Best suited for steep, rugged and otherwise in accessible grounds

Reduces haul distances in comparison to rail and road.

Delivers quick, safe and bulk transportation to designated points.

Can carry incredibly heavy loads over large distances.

Remarkably high reliability and safety.

Quicker setup and take down.

Operational in all weather conditions (snow, rain) etc.

State of the art technology

Applicable for mountain construction, Dam Construction, Hydro Power Projects, Pipeline

Environmental friendly

Energy Efficient - Moderate Energy Consumption

Low impact on trees

Less excavations

No noise pollution

Requires small cleared pathway

Overhead transportation



Installations

Since its inception in 1992, HCW has attracted industry attention by winning prestigious projects in rapid succession and by setting new record for highest Ropeway.

LIST OF INSTALLATIONS WITH THE INDIAN DEFENCE



SNo.	YEAR	QTY.	DESCRIPTION
1.	1999	2	1000 mtrs long Mono-cable Ropeways to an Engineer Regiment of the Indian Army.
2.	2000	1	900 mtrs long Ropeway to an Engineer Regiment.
3.	2002	3	600-1200 mtrs long Ropeways for the Army.
4.	2002	1	1 tonne capacity 250 mtrs long river-crossing Ropeway for the Army.
5.	2002	2	1050-1250 mtrs long Ropeways for the Indian Army.
6.	2003	1	2.5 tonne, 150 mtrs long Ropeway across river Nubra (Ladakh) for the Army.
7.	2003	4	1100 to 1700 meter long Ropeways for 9 Engineer Regiment, Kargil.
8.	2004	1	250 mtrs long river-crossing Ropeway for 63 Eng. Regiment, Sikkim.
9.	2004	1	1000 mtrs long Ropeway for 9 Eng. Regiment, Kargil.
10.	2005	1	2200 mtrs long Ropeway for ITBP 4th Batalion Kullu for Samdho.
11.	2006	2	800 mtrs & 1350 mtrs long Bi-cable Ropeway for 108 Engineer Regiment.
12.	2007	1	1800 mtrs long Bi-cable Ropeway for 108 Engineers.
13.	2008	1	1500 mtrs long Bi-cable Ropeway for 8 Engineers.
14.	2009	4	Ropeway maintenance job in Northern Army Sector.
15.	2011	2	800 & 1500 mtrs long Ropeway for 111 Engineer Regiment (Indian Army).

16.	2012	1	400 mtrs long Surface Lift for Passengers with High Altitude Warfare School, Gulmarg.
17.	2013	1	River Crossing Ropeway for 14 Engineers.
18.	2014	1	900 mtrs long motorized Ropeway for 52 Engineers.
19.	2014	2	Motorized river-crossing Ropeways for 4 Engineers.
20.	2015	1	500 mtrs long Ropeway for 8 Engineers.
21.	2015	3	Passenger Ropeways with 6 persons Cabin / 2 Ton Pay Load supplied in Nepal under the initiative of our Hon'bl Prime Minister Mr. Narendra Modi.

LIST OF INSTALLATIONS WITH HYDRO POWER PROJECTS



SNo.	YEAR	QTY.	DESCRIPTION
1.	1992-94	2	5 tonne capacity and 85 tonnes/hour Ropeways at Ranjit Sagar Dam Project, Pathankot.
2.	1995-96	1	1 tonne bucket capacity, 2 tonne hook load and 400 mtrs long Cable Crane in Himachal.
3.	1996-99		Major components for a 13 km long Mono-cable Ropeway for M/s Diamond Cements.
4.	2001	1	500 mtrs long Ropeway for HPSEB Kafnoo (HP).
5.	2002	1	2 tonne hook load/4 passenger cum material Ropeway for Hanuman Ganga Project in Uttarakhand.
6.	2003	1	2 tonne payload, 600 mtrs long Ropeway in Samot, Distt. Chamba (HP).
7.	2005	1	1.5 km long, 2 tonne hook load, material cum passenger Ropeway for Regency Aquaelectro and Motel Resorts Ltd. In Manali (H.P)

8.	2005	1	1.5 Mt bucket load, 600 mtr. long Material Ropeway for Lanco Infratech Ltd. Dharamshala.
9.	2005	1	1.5 Mt bucket load, 950 mtrs long material Ropeway for Lanco Infratech Ltd.
10.	2006	1	1.5 Mt bucket load, 750 mtr. long material Ropeway for Lanco Infratech Ltd. Dharamshala.
11.	2006	1	2000 Kgs. hook load, material Ropeway for Astha Hydro Projects (India) Ltd. Palampur (H.P.)
12.	2007	1	2 Mt bucket load, 350 mtrs long for AT Hydro (Chamba)
13.	2007	1	2 Mt bucket load, 550 mtrs long material Ropeway for Tejas Sarnika Hydro Energies (P) Ltd. Terella (Chamba) H.P.
14.	2007	1	2 Mt. bucket load, 700 mtrs long Cargo Ropeway for Anubhav Hydel Power (P) Ltd, Palampur.
15.	2008	1	2 Mt. 500 Mtr. Long Motorized ropeway for Regent Hydro (P) Ltd. Kinnaur (H.P.)
16.	2008	1	2 Mt. gravity Ropeway for Lanco Infratech (Budhil) H.P.
17.	2008	1	Up-gradation of 1500 mtrs long cargo Ropeway from 2 Mt. to 4 Mt. for Regency Aqua-electro & Motel Resorts.
18.	2008	1	200 mtrs long river-crossing cargo/passenger Ropeway for Sorang HEP (H.P.)
19.	2009	1	Maintenance of 3 tonne cargo Ropeway at Kinnaur (H.P.)
20.	2010	1	5 Mt. hook load capacity cargo Ropeway for Maytas-NCCSSJV in Kinnaur, H.P.
21.	2012	1	10 Mt. Cable Crane for laying penstock pipes for 100 MW Sorang Hydro Power Project (NCC Infrastructures) in Kinnaur, H.P.
22.	2013	2	4 Mt. cargo Ropeway at an inclination of 45 degrees for Kut Hydro, Kinnaur, H.P.



LIST OF INSTALLATIONS WITH STATE GOVERNMENTS



S No.	YEAR	QTY.	DESCRIPTION
1.	2000	4	Ropeways with a span of 1000-1350 mtrs, for HPPWD.
2.	2000	4	River-crossing Ropeways of 250 mtrs span in H.P.
3.	2000	1	Ropeway for HPPWD Karcham Division (HP).
4.	2002	1	8 passengers Vertical Lift at Auli (Uttarakhand).
5.	2002	1	1000 mtrs. long Ropeway for Mandi Parishad, (Uttarakhand).
6.	2003	1	Monocable Ropeway, 5103 metre long with multiple buckets for Mandi Parishad, Uttarakhand.
7.	2004	1	1350 mtrs long Ropeway for HPPWD
8.	2004	1	Mono-cable Ropeway of 6417 mtrs with multiple buckets for Mandi Parishad, Uttarakhand.
9.	2005	1	835 mtrs. long Ropeway for Mandi Parishad, Uttarakhand.
10.	2005	1	354 mtrs. long Ropeway for Mandi Parishad, Uttarakhand.
11.	2005	1	1250 Mtrs. long Ropeway for Mandi Parishad, (Uttarakhand)
12.	2006	1	1500 mtrs long Ropeway for HPPWD (Barua) Karcham.
13.	2007	2	1200 mtrs long gravity Ropeways for GMVN.
14.	2007	1	600 Mtr. Long Cargo Ropeway for H.P.P.W.D. Kinnaur
15.	2008	1	3 km long cargo Ropeway for Mandi Parishad, Uttarakhand.
16.	2009	3	Gravity Ropeways for GMVN Uttarakhand.
17.	2009	2	1100 and 1300 mtrs long material Ropeway for I.I.T Roorkee (AHEC) in Distt. Chamoli & Bageshwar.
18.	2009	1	Maintenance of 1500 mtr. Long ropeway in Kinnaur.

19.	2010	1	1500 mtrs. Long ropeway for rural development with Mandi Parishad, Uttarakhand.
20.	2011	3	1000 mtrs long gravity Ropeways for KMVN Uttarakhand.
21.	2011	3	300 - 600 mtrs long river-crossing Ropeways with payload of 200 kgs/2 persons each for Mandi Parishad, Uttarakhand.
22.	2011	2	800 - 900 mtrs long gravity Ropeways for DDC Mandi Parishad (Agro) Dehradun.
23.	2016	1	JV Project with Italian Company for supply & installation of 5 kms long Ropeway for restoration of a Monastery in Bhutan.
24.	2016	1	1300 mtrs long Ropeway for J&K PWD.



LIST OF INSTALLATIONS UNDER EXECUTION

SNo.	QTY	DESCRIPTION
1.	1	Mono-cable Ropeway of 5000 mtrs with 20 buckets carrying 200 kgs each for 11 Engineer Regiment, Arunachal Pradesh.
2.	1	4130 mtrs long Ropeway (In 2nd stage) with payload of 200 Kgs. for DDC Mandi Parishad.
3.	1	5500 mtrs long Ropeway with payload of 200 Kgs. for DDC Mandi Parishad.
4.	3	1500 - 5000 mtrs long Ropeways for J.K. PWD.
5.	1	2400 mtrs long Ropeway for 267 Engrs. Kargil.
6.	2	6 tons capacity Ropeways for WIL Pvt. Ltd. to construct a Hydro Project in H.P.

European Partners

To upgrade the existing technology in India and introduce Ropeways of International Standards for all future projects, we have now officially tied-up with European companies who are pioneers in this field of Ropeways.

ROPES GmbH (ITALY)

The men behind Ropes are two experienced Ropeway engineers who previously worked for many years at one of the world's leading Ropeway manufacturers, Leitner. The company focuses on ropeway engineering, including design and consulting, planning, project planning and realization as well as ropeway inspections with approvals, periodic inspections and component testing.

With over 50 ropeways designed and built at locations around the world, Ropes can draw on a wide range of experiences.

Services include:

Ropeway Engineering and Consultancy:

- Conception and Consultancy
- Ropeway Architecture
- Engineering and Tendering
- Planning
- Realization

Ropeway Project Management:

- Feasibility Study/Consulting
- System Selection
- Cost Estimation
- Conception and Design
- Planning and Engineering
- Project realization of Ropeway Technology/
Construction and Assembling

Master Planning:

- Ski and Recreation Areas/Amusements Parks
- Analyzes and Conception
- Business Planning and Realization
- Urban Transportation
- Traffic Planning & Engineering

Safety Audits for Ropeways:

- Internal Tests
- Commissioning
- Periodical Checks
- Ropeway Inspection and Approval



Some of the company's references include :

- **Czech Republic** Ski area Janske Lazne: Ropeway project for replacement of an existing 4-seater detachable Chair-lift.
- **Turkey** Project engineering and tendering of a Gondola lift and Alpine Coaster in Bolu.
- **U.S.A** Consultancy for a new connection Ropeway in Squaw Valley – Alpine Meadows.
- **Turkey** Concept study for a new Ropeway in Golyaka.
- **Turkey** Concept study for a special bungee jumping Ropeway.
- **Germany** Concept study for modernization of an existing ski area.
- **Switzerland** Inspection and consultancy for a Gondola lift.



WYSSEN SEILBAHNEN AG (SWITZERLAND)

Wyssen has been manufacturing high-quality components for material Cableways since 1926. Wyssen products are sold worldwide in over 60 countries. Today the Wyssen company is still the market leader in the sector of Cable Cranes and material Cableways. The company is continually setting new standards in modern Cable Crane construction with its latest Carriage and Cable Winch models.

Some of their Products Include



Cable Winches are used for driving Cableways as a traction and braking machine to transport Sky-line Crane carriage or the Cableway carriage.



Motorised Sky-line Cranes are equipped with a motor to drive the lifting cable, which is wound on the drum on the carriage. The standard model is transported with a Cable Winch. Motorised Sky-line Cranes are used above all on building sites.



Carriages are moved on the main cable with the help of a traction cable on the Cable Winch. The load to be transported is principally attached to the carriage and transported along the cable line.



Self Propelled Alpine Cableways are suitable for material transportation to remote farms, huts, holiday homes, forest planting etc.

Highest quality, functionality, reliability, operational safety and ease of operation are the characteristics of "Made in Switzerland" products.

PAUL GLASSEY SA (SWITZERLAND)

The Swiss company has over 35 years of experience in the design and engineering of Cable Transport systems. They have developed transport systems for many uses, such as:

- Conveying of persons in mountain areas
- Conveying of persons in urban environment
- Conveying of materials and/or equipment

The scope of activities includes, but is not limited to the following:

- Design and engineering of new Cable Transport systems
- Definition of the most suitable Conveying system
- Definition of the most favourable routing
- Site survey and topographical studies
- Production of construction drawings
- Project management including cost control
- Quality control and site supervision
- Refurbishment of existing Cable Transport systems



Contact Us



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