



Email : info@montaz.fr
 Phone : +33 4 79 72 95 74
 Fax : +33 4 79 94 68
 Address : ZI pré Renaud
 73490 LA RAVOIRE

MONTAZ EQUIPEMENT has been building cable transport systems for passengers and other loads since 1987. The Company has built various turnkey cable transport systems of which the "CATEX MONTAZ®" cable transport for explosives is an outstanding example. In it, the family tradition of achievement in cable transport technology is fully expressed.

CATEX is a transport system using a continuous loop of cable; like all such systems, the cable runs on wheels in fixed pulleys.

The main challenge is in the construction of a multi-sided loop of cable which may be several kilometres in length.

The cable passes over avalanche-prone zones to deliver the explosive which triggers any potential avalanches.

The cable transporter is automatically controlled, allowing the positioning of from 1 to 5 carriers over the area to be purged – the explosive charges are set off simultaneously by radio-control – in this way, the explosion of the charges above the snow sets up a concentrated shock wave which destabilises the snow and sets off the avalanche.



Specific advantages of CATEX

CATEX is the most precise method of destabilising the snow to purge a dangerous slope for the following reasons:



- The explosive charge is placed at the best position as defined by the experts of the avalanche zone in question; these are generally ski patrolmen of the resort or local roads experts.
- The position of charges can be changed if the snow has settled in a different zone; maximum security for downhill populations is thus assured.
- CATEX can be used over and over again - the cable can carry a suspended load as often as is necessary. It is not necessary to wait for good weather conditions and CATEX can be used to set off avalanches by day or night, by radio-control
- Minimal intrusion of the pylons in the mountain environment: the system is based around the cable and can be placed over ski-lifts and roads.
- High-tech design of the mechanical systems (pulleys to hold the cables, quick-fix grips and motorised charge-positioning systems).
- High-tech automated system for piloting and delivering the charges on the cable.



Installations come with a 5-year guarantee and a maintenance contract.

The material is designed to minimise maintenance, in view of the tough conditions and of inaccessibility in winter.



Company policy



"Mastery of the preventive triggering of avalanches"

Strategy: Having installed nearly 200 km of CATEX MONTAZ® in Europe, we are now preparing to export to other mountainous countries.

Position: World leader in explosive-carrying cable, with nearly 1,400 dangerous zones covered by CATEX MONTAZ®.