

KAISER SPIDER EXCAVATORS IN DIFFERNT APPLICATIONS



Who we are ...



History

- Established in 1913
- 1957 first step towards becoming an industrial company producing suction pressure tankers for agricultural applications
- 1963 development of sewer cleaning trucks, 1965 first mobile walking excavator
- 2001 Kaiser Austria, 2008 Kaiser Slovakia, 2011 Eur-Mark Finland, 2014 Moro-Kaiser, Italy

KAISER Group today

- KAISER Group is market leader in the fields of vehicles for sewer cleaning and industrial disposal, pumps and components as well as mobile walking excavators



Liechtenstein



Italy



Finland



Slovakia



Austria

What we do...

KAISER MOBILE WALKING EXCAVATORS

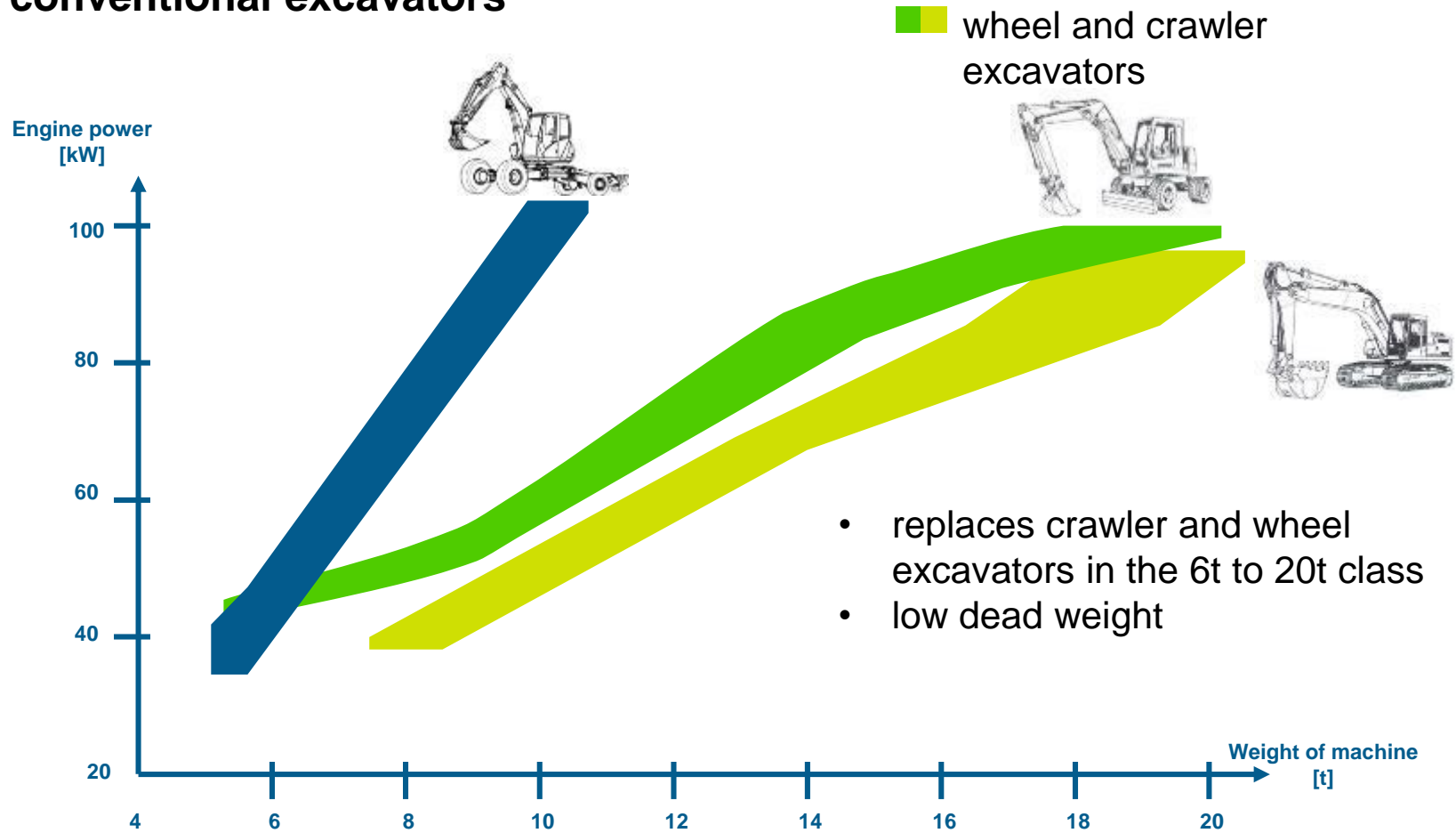


**WHEN THE JOB SEEMS
TOO STEEP,
LET KAISER GO OVER
THE EDGE FOR YOU**

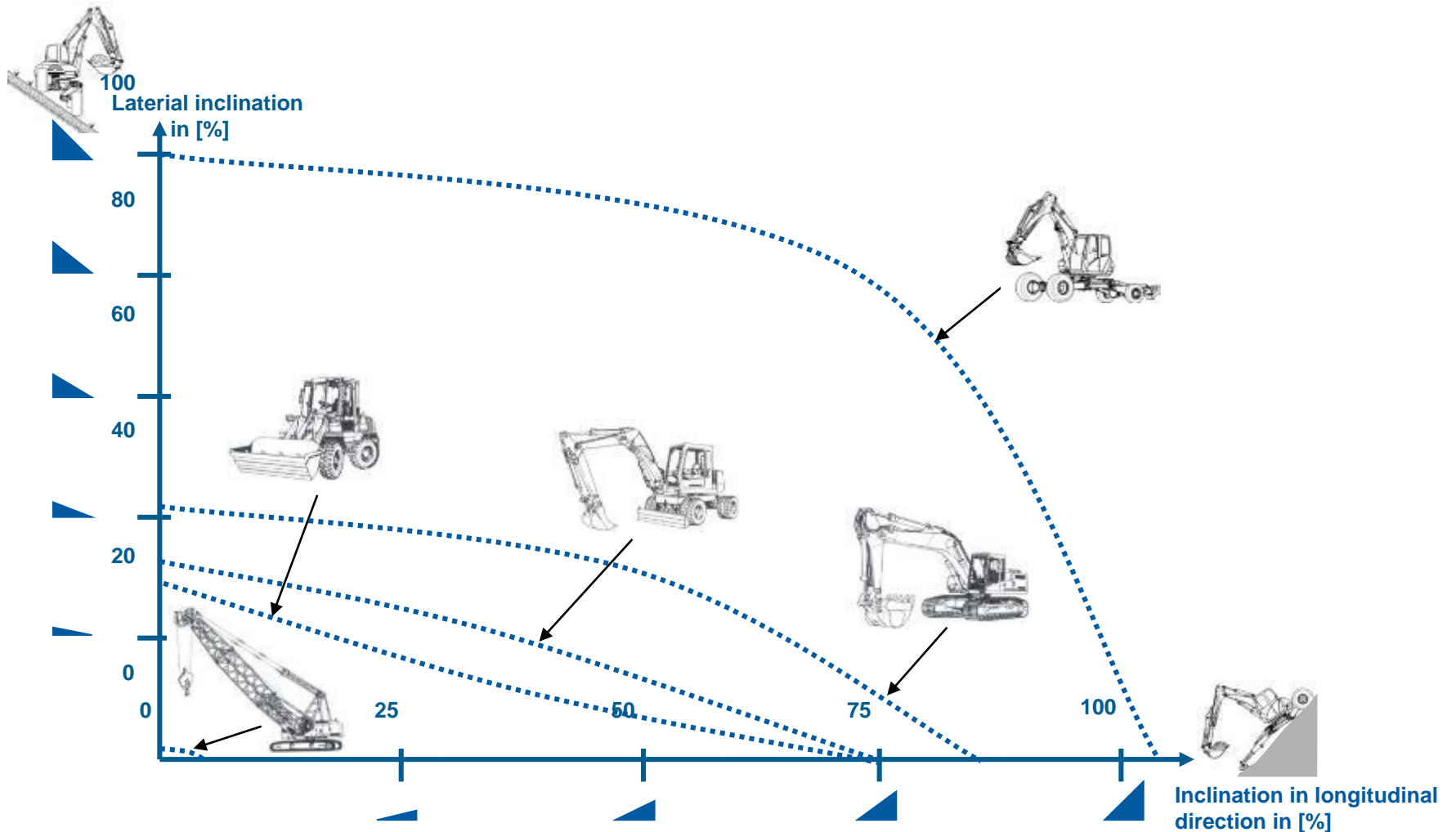


Why spider excavators?

Performance comparison Mobile Walking Excavator with conventional excavators



Mobile walking excavator: Comparison with similar excavators



What you might not know about spider excavators...

Did you know

... our machines can operate in water up to 2 m deep



... our machines are able to cross railway tracks without the risk of touching the rail



Did you know

... the mobile walking excavators fit under ceiling height of less than 3 m



... the mobile walking excavator fits through a 2 m wide and a 2.5 m high gap; it can lift 5.5 t and has an operating reach of 8.5 m



Did you know

... the mobile walking excavators only needs to be refueled every 30 hours, allowing works in inaccessible terrain without losing time for dragging jerry cans



... the mobile walking excavator overcomes obstacles that are up to 1.5 m high without touching



Did you know

... every bucket can be turned around and work in the opposite direction



... the mobile walking excavator has an enormous stability on snow



Did you know

... digging underneath the mobile walking excavator is very handy especially in confined areas



... the mobile walking excavator moves on tires with a speed of 10 km/h



Did you know

... the mobile walking excavator can be equipped with swamp paws to disseminate the pressure when working on soft grounds



... working on side slopes is easy with the mobile walking excavator



Did you know

... the winch on the mobile walking excavator can also be used to drag and lift objects from far away



... the mobile walking excavator can work in slopes steeper than people can walk



What we offer...

Spider excavators for public authorities



For a wide range of applications



For a wide range of applications



For a wide range of applications



Disaster management

- Prevention of natural disasters
- First aid after natural disasters (e.g. earthquakes, avalanches, landslides, flooding, tsunamis etc.)
- Reconstruction / rehabilitation



Water sector

- Water construction
- Drainage / dredging
- Renaturation
- Weed control
- Controlling of torrents



Civil engineering and road construction

- Excavation works
- Demolition works
- Maintenance and rehabilitation



Landscaping & Construction

- Landscaping
- Construction works
- Town and country planning
- Infrastructure



Special applications

- Drilling works
- Works on glaciers / skiing resorts
- Tunnel construction and mining
- Blasting operations, impact pile driving, piling works



Others

- Brush cutting
- Forestry works



DISASTER MANAGEMENT

- **Construction of avalanche protections in mountains**
- **Working in remote areas, being able to work independently**
- **For applications in areas difficult to access**



DISASTER MANAGEMENT

- Search and rescue tasks using Kaiser spider excavator after an avalanche in the Austrian Alps
- Removing snow and debris
- Excavating buildings and roads



DISASTER MANAGEMENT



DISASTER MANAGEMENT

- Clearing waterways from driftwood



DISASTER MANAGEMENT

- De-silting of waterways after floodings
- Clearing waterways from driftwood avoiding spillover of rivers/streams



DISASTER MANAGEMENT



DISASTER MANAGEMENT



DISASTER MANAGEMENT



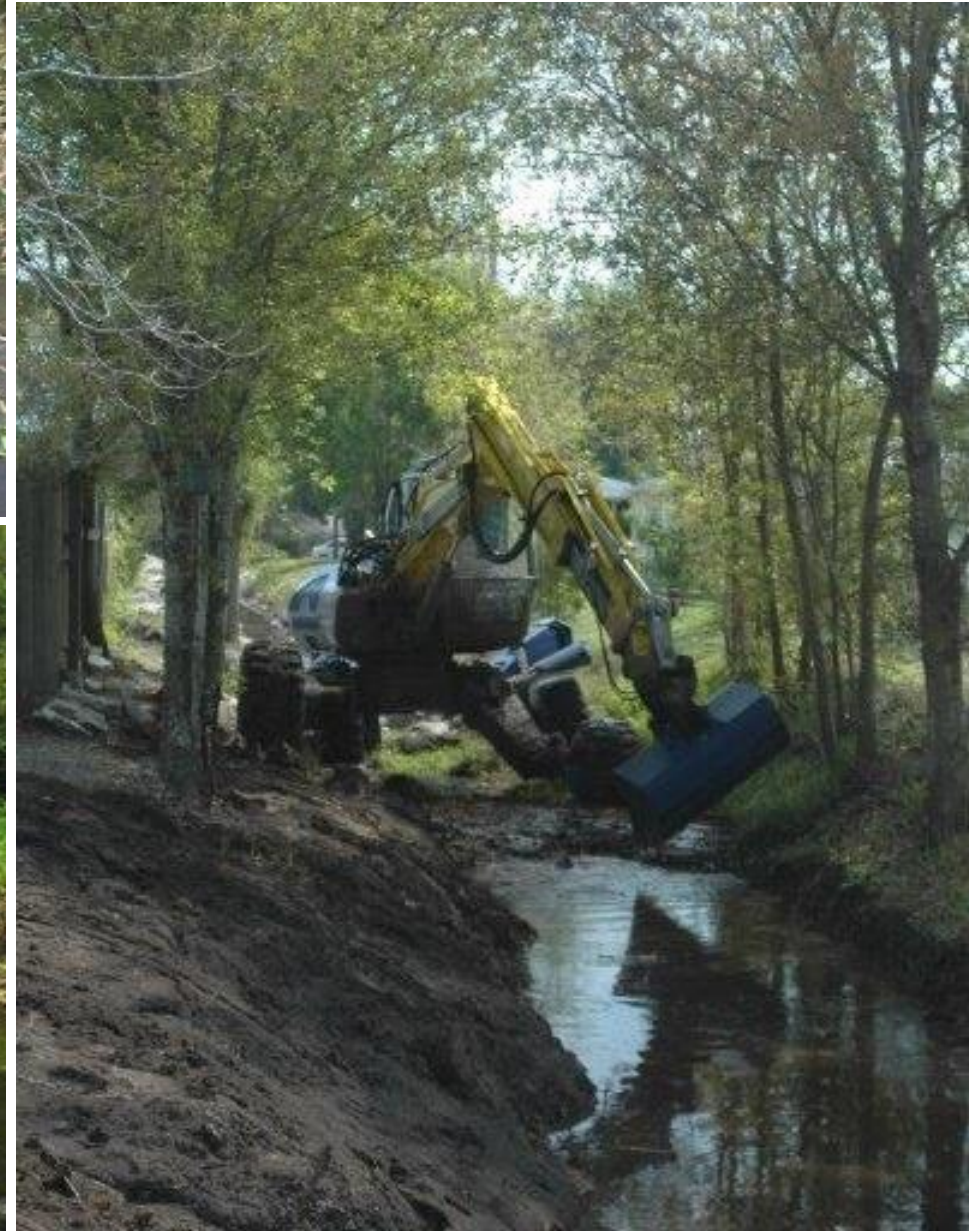
DISASTER MANAGEMENT



WATER SECTOR



WATER SECTOR







WATER SECTOR

- Removing solid waste
- Maintenance of storm water drainage canals
- De-silting of waterways
- Restoration & maintenance of rivers & streams

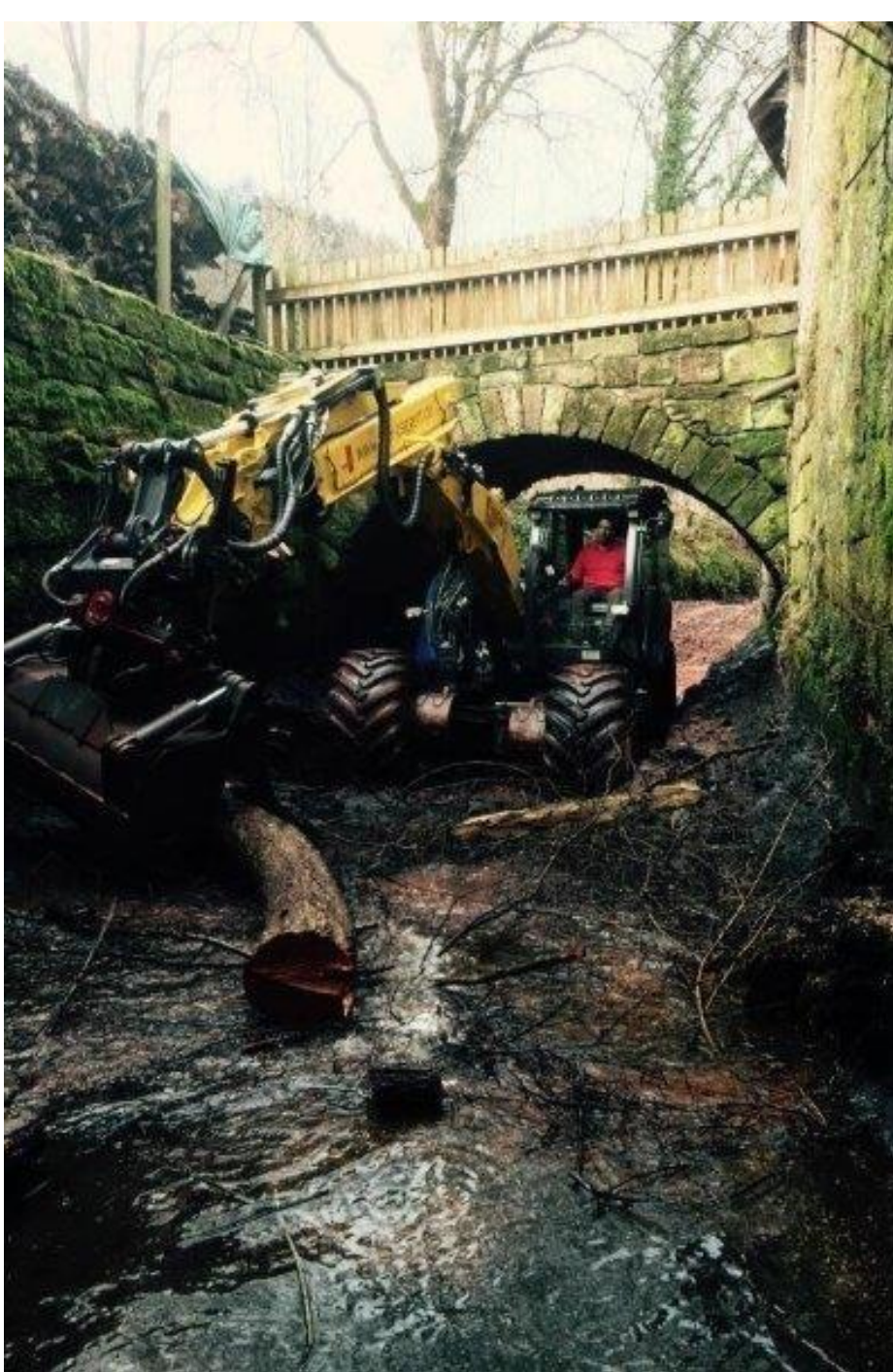




WATER SECTOR

- **Restoration & maintenance of embedded rivers & streams**
- **Removal of solid waste**
- **De-silting**





WATER SECTOR

- Environmental renaturation



WATER SECTOR

- Dredging works
- Disaster operation
- Repair and overhaul of waterways / rivers / streams

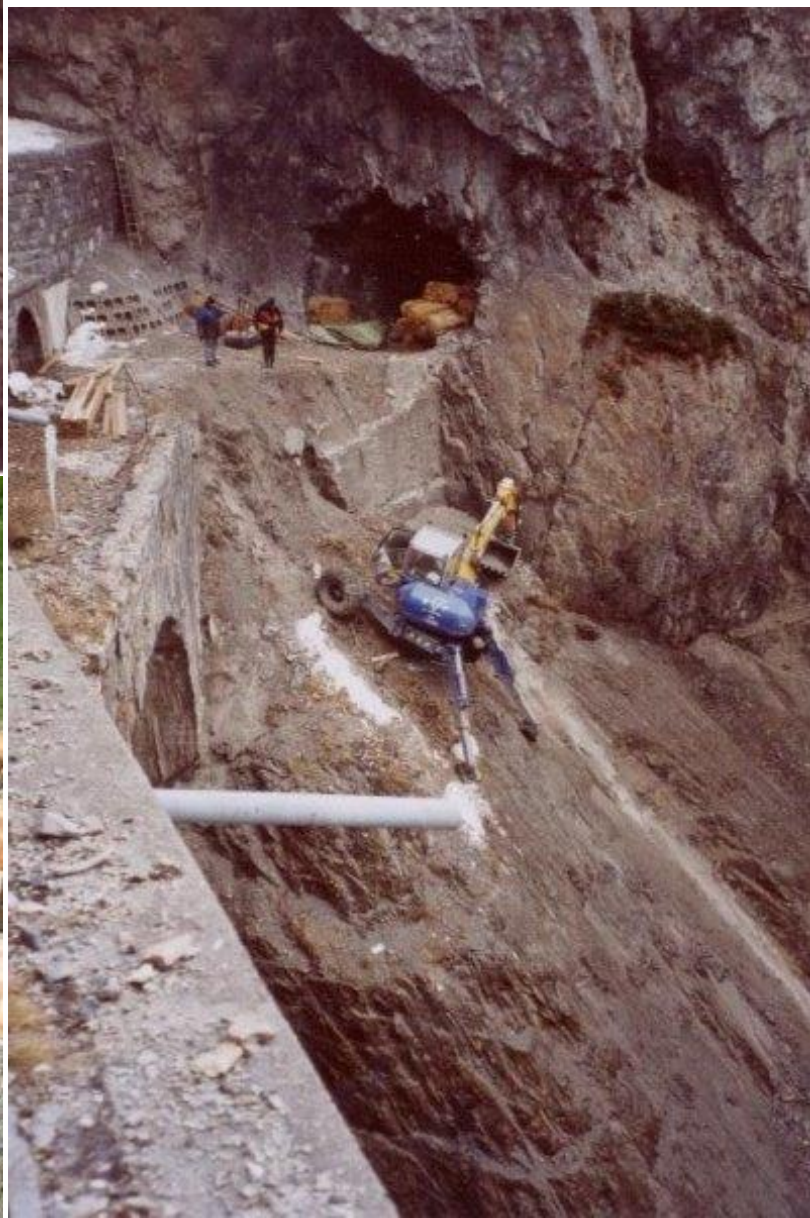




CIVIL ENGINEERING & ROAD CONSTRUCTION



CIVIL ENGINEERING & ROAD CONSTRUCTION







CIVIL ENGINEERING & ROAD CONSTRUCTION

- Demolition works
- Infrastructural works:
 - installation of electric power poles
 - construction of water dams





RIT TER



MAUREN

MARTY

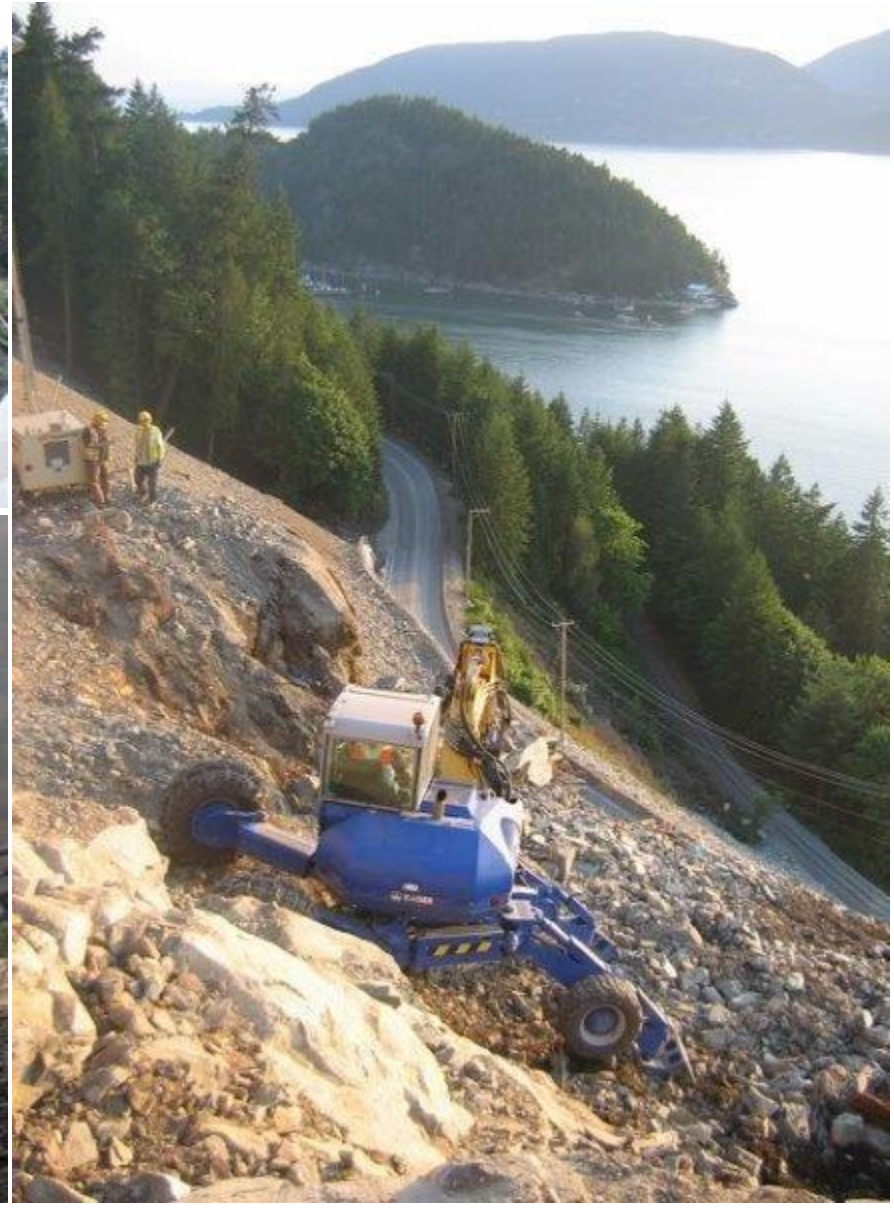




LANDSCAPING & CONSTRUCTION



LANDSCAPING & CONSTRUCTION



LANDSCAPING & CONSTRUCTION

- Road construction and refurbishment
- Construction works in urban environment with difficult accessibility
- Use as carrying device – as crane and for different attachments





SPECIAL APPLICATIONS

- Drilling works
- Slope stabilization works
- Rock stabilization works
- Foundation & anchoring
- Blasting operations
- Impact pile driving





SPECIAL APPLICATIONS

- **Miscellaneous works on glaciers**
- **Use in ski resorts:**
 - to prepare ski runs
 - for snow clearing
- **Designed to work in harsh environmental conditions**







OTHERS

- **Brush cutting along waterways, highways, railway tracks**
- **Forestry works (clearing storm damages, harvesting etc.)**











Thank you for your kind attention!

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