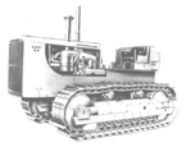


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MASSIVE EARTHMOVING MACHINES - Part 1

BELLE AYR and BEENER COAL *by Keith Haddock*



Two contrasting open-cast coalmines in America use some of the largest machines of their kinds to be found anywhere.

At the Belle Ayr mine, Gillette, Wyoming, one of the world's biggest electric shovels, the P&H 4100XPB, is removing overburden above the coal seams. It dwarfs the Caterpillar 797B haul trucks it loads, even though these are the largest mechanically driven trucks in the world. Among other impressive equipment is the world's biggest motor grader available today, the Cat 24-H.

Whereas Belle Ayr, one of the greatest mines in the United States, uses a central electric supply for its shovels, the far smaller Beener Coal at Barton, Maryland, makes use of diesel technology. Their Bucyrus-Erie 295B series II is the world's biggest diesel-powered rope shovel. Working alongside it is another monster: the Komatsu D575A bulldozer – again, the world's largest.

The programme focuses on extreme machines but also shows how these mines operate, from extraction and haulage to processing, transport and reclamation. The script is by Keith Haddock, retired mining engineer and author of many books on earthmoving equipment. For an extra he takes us to the Cam-Plex mining museum, near Gillette.

DVD 70 mins durations #0662 NZ\$49.95

MASSIVE EARTHMOVING MACHINES - Part 2

BLACK THUNDER and GARZWEILER *by Keith Haddock*

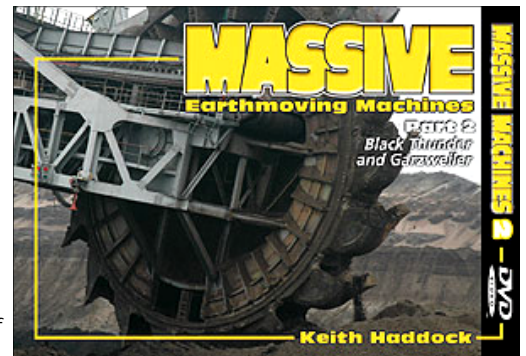
There are the two absolutely exceptional pieces of machinery in this programme recorded at open-cast coalmines in Wyoming and Germany.

The star at the Black Thunder mine is "Ursa Major", a Bucyrus-Erie 2570-WS walking dragline – the largest working in North America. Keith Haddock guides us knowledgeably through the engineering and operation of this giant and shows how it fits into the mine's work-flow. Black Thunder has some other outstanding machines at work including the Bucyrus 495 HR electric shovel and the Cat 657E scraper, both the world's largest of their kinds.

Germany's lignite (brown coal) deposits are suitable for extraction by the continuous mining process using bucketwheel excavators and a complex system of conveyors. Bucketwheel 288 used at Garzweiler by RWE Power AG truly is a monster – the world's largest terrestrial moving machine that can extract and convey 12,500 cubic metres of lignite or overburden an hour. The programme takes a very close look at this machine and includes other aspects of the mine such as spreading, coal haulage by train and reclamation.

The script is by Keith Haddock, retired mining engineer and author of many books on earthmoving equipment.

DVD 70 mins durations #0662 NZ\$49.95



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MASSIVE EARTHMOVING MACHINES - Part 3

AITIK COPPER MINE, SWEDEN *by Steven Vale*

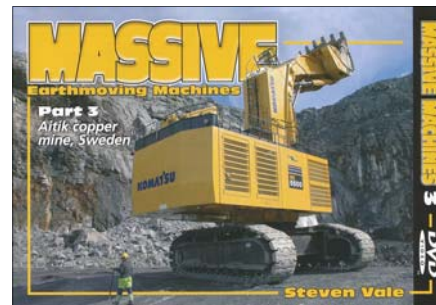
Europe's largest copper mine is the Aitik venture in Swedish Lapland.

This

programme follows the machines from extraction to dispatch: stripping overburden with a Bucyrus 495; a really spectacular blasting sequence: a Komatsu 5500 working at the rock face; D10s and scraper; cat 994 wheel loader; P&H 4100A and Unit Rig MT 4000.

Finally we go into the plant & see the process of extracting copper from the ore-bearing rock

75 mins durations #0672 NZ\$49.95



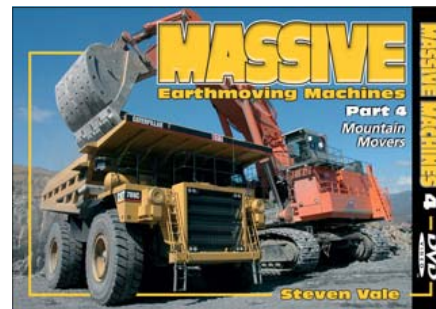
MASSIVE EARTHMOVING MACHINES - Part 4 MOUNTAIN MOVERS *by Steven Vale*

The large specialized machines in this new DVD have one task: to move mountains. In the Fabero coal mine, northern Spain, you can see a 520-tonne Hitachi EX5500 hydraulic excavator making light work of overburden. This beast feeds 200-tonne capacity Cat 789C dump truck in just three or four passes. Also features Komatsu D475A dozer, Komatsu PC3000, Hitachi EX3600, Komatsu EA800 & WA600 wheeled loaders.

Visit a project in the French Pyrenees, more heavy machinery—340-tonne Liebherr R994B hydraulic excavator, Komatsu HD985 & Cat 777C dump trucks, Cat 992G wheeled loader.

Another informative Steven Vale DVD, full of massive machines in action!

90 mins #0190 NZ\$49.95



A ROMANCE OF ENGINEERING

From The National Library of Scotland

This archive DVD comprises 4 films made for Scottish engineering companies.

'Men of Iron' (1947) deals with iron propeller manufacture at the Blair factor of Andrew Strang & Co.

'A Romance of Engineering' (1938) shows the production of steel components at Willaim Beardmore & Co's Parkhead forge where turbine & diesel engine parts, & railway axles were made

'James Watt' (1959) is a film about the life & work of the inventor of steam engines.

The final film 'Story of a Steel Wire Rope' (1946) illustrates the manufacturing of Martin Black & Co

Black & white 97 mins DVD #0192 NZ\$49.95

CRAUCHAN - THE HOLLOW MOUNTAIN

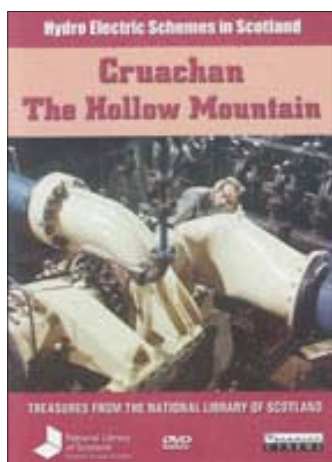
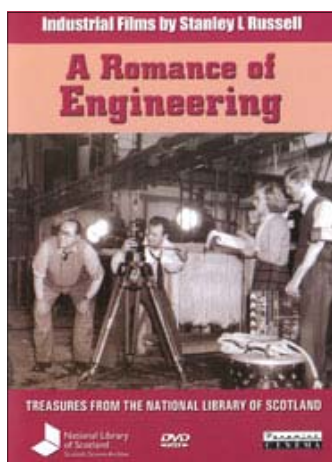
From The National Library of Scotland

Two archive films dealing with hydro-electric schemes in Scotland

The construction of the Glen Moriston dam by the Mitchell Construction Co 1952-56. See lots of machinery, as well as an explanation of construction techniques & footage of underground work

Crauchan—1966 shown the construction of the ambitious pumped-storage hydro-electric scheme at Lock Awe, Argyll. Full of engineering detail, including the manufacture & finishing of steel castings, cables & switching gear.

Colour 81 mins DVD #0191 NZ\$49.95



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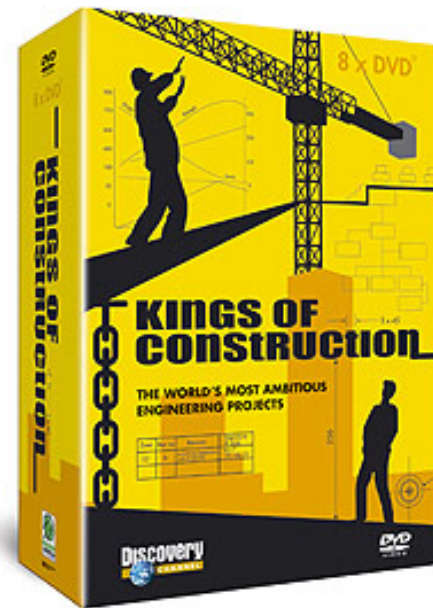
KINGS OF CONSTRUCTION

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Real value – over 6½ hours of viewing on eight DVDs in one package!

Kings of Construction tells the dramatic story of some of the world's most demanding building projects:

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- Hallandsås ridge tunnel, Sweden, two 8-kilometre tunnels.
- Snohvit natural gas plant, Cadiz.
- South China cable car, 5.8 kilometres long.
- Stonecutters bridge, Hong Kong, main span 1,000 metres.
- Hoover dam bridge, America's longest concrete-arched bridge.
- El Cajon dam, Mexico, the world's highest rock-filled dam.
- Dubai ski resort, world's biggest artificial ski slope.



All are ambitious designs requiring vast amounts of money and the highest skills for the engineers, builders and architects trying to deliver on time and on budget.

390 mins #0673 NZ\$69.95



MASSIVE EARTHMOVING MACHINES Part 5: BRITAIN'S MASSIVE MINERS Part 1

by Steven Vale

Komatsu & Hitachi star in the first of Steven Vale's films about the hydraulic excavators to be found at work in UK's surface coal mines.

250-tonne Komatsu PC 3000s, Demag H1855, Hitachi EX 1900s & others. See the abundance of machinery working around these giants!

79 mins DVD #0260 NZ\$49.95



MASSIVE EARTHMOVING MACHINES Part 6: BRITAIN'S MASSIVE MINERS Part 2

by Steven Vale

A Northumberland surface coal mine is the setting for the hydraulic excavator which is currently the biggest in Britain and the biggest Terex model in Europe – the Terex O&K RH 200. It works with advanced noise- and dust-suppression technology to load nearly 50 tonnes at a time with a 26 cubic metre bucket.

The largest Caterpillar in Britain - the 5130 is hard at work.

A Scottish coal mine yields examples of the R 9350, Liebherr's biggest excavator in Britain, working with the country's largest fleet of Terex TR 100 dump trucks and a big Cat 834H wheeled loader.

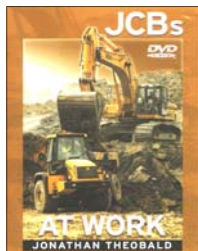
Other highlights of this exciting program are a 340-tonne O&K RH170, the only one in Britain, and an old 480-tonne O&K RH 200 loading Cat 789 trucks. There is even a quick look at Chevington Collier, a decommissioned Bucyrus-Erie 1260W walking dragline

82 mins DVD #0261 NZ\$49.95

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EARTHMOVERS & EXCAVATORS DVDS



JCB's AT WORK

This DVD looks at how some of the larger JCB machines are used on sites. Filmed with the co-operation of three major UK contractors, it takes in earthmoving for warehouse construction, landfill site work, road building and house construction. Machines shown include backhoe loaders, excavators, dump trucks and telehandlers. The different sites provide opportunities to see other machines such as pile-drivers working alongside JCBs in a variety of settings.

70 mins #0550 NZ\$49.95



BIG EARTHMOVERS

This DVD features some of the larger earth-moving equipment working on major projects in Britain. It includes excavators up to 85 tonnes; crawler tractors up to D9; articulated dump trucks from Bell, Caterpillar and Volvo; rigid dump trucks from Euclid; scrapers, including the Cat 637G; loaders, compactors and graders.

The DVD has been made with the full co-operation of CA Blackwell (Contracts) Ltd whose contracts at Heathrow Airport Terminal 5, the re-development of the Corby iron ore extraction site and the White Horse chalk quarry require a wide range of machines for a variety of tasks. The programme describes why the company uses particular machines and shows the equipment at work in this exciting and specialised world of large-scale earthmoving.

75 mins #0517 \$49.95

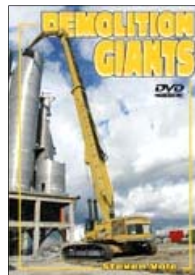
CONSTRUCTION COLLECTION Pt.2



International Harvester - A New Breed

Look back at the origins of construction equipment with magnificent early IH machines fitted with a number of clever and bizarre attachments. Watch the reliable TD 15's getting the job done with the help of some innovative Drott 4 in 1 buckets. Then to a super highway project with the mighty 295 Payscraper & 495 Paywagon outperforming every other machine on the job. We finish up with a look at the magnificent 560 Payloader a powerful and maneuverable mid range machine. Representing a brand new concept and new generation of plant equipment as International Harvester welcomed the birth of A New Breed of machine

79 mins DVD #0371 NZ\$54.95



DEMOLITION GIANTS Steven Vale

The technology of demolition has changed dramatically over the past two decades. This DVD looks at the latest machines that undertake this work - as well as at the 'work face', takes a look at the manufacture of some machines.

See the UK's tallest demolition machinery of Coleman & Co in action. 85 mins + 30 mins of extras DVD #0176 NZ\$49.95

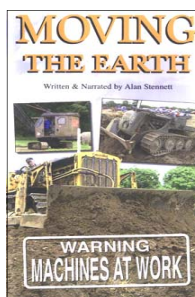
MOVING THE EARTH

Big earth moving equipment has a fascination that few other machines can equal, whether they are bulldozers, excavators, scraper buckets, rippers or ploughs.

One of the most important events in the vintage earth moving world is Andrew Beaulah's 'Vintage Working Day', held near his home in Yorkshire. When this event was combined with 'Caterpillars at Work', it offered an unequalled selection of working crawler machines ever to be assembled and captured on video.

Among the working machines featured is an unusual Russian Belarus machine and two British-made Vickers, all of which were developed in post war tank factories. A rare Fowler Challenger Mark I, a Priestman excavator rescued from a river barge, and massive Caterpillar D8 and Challenger III bulldozers are all shown hard at work.

55 mins #0537 NZ\$49.95



CONSTRUCTION COLLECTION Pt.1 Massey Ferguson - Power At Your Fingertips

Massey Ferguson innovations beginning with 203, 205 & 65 R industrial tractors fitted with an outstanding range of newly available attachments.

A trip to Rome is next for the Industrial & Construction Machinery Division's launch of some fascinating new machines. Early 44 & 55 wheeled loaders shifting rock in England & timber in the forests of

Australia with the help of an MF 11 Loader. Watch ICM's Field Test Section put some MF construction equipment through its paces in the search for greater safety, reliability & efficiency. With these fantastic MF advancements it really was possible to have Power at your Fingertips.

From industrial tractors to huge sophisticated machinery built to move the earth.

mins DVD #0370 NZ\$54.95

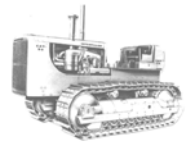


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CATERPILLAR & BULLDOZERS DVDS



MAD ABOUT CLASSIC PLANT

If you are Mad about Classic Plant, then seeing it put to work is a special treat. So when the Link Club, previously the Antique Caterpillar Owners' Club of Great Britain, were asked to restore a 4x4 off-road vehicle course in an old quarry at Sibbertoft in Leicestershire it offered the chance to see some powerful machines at work. Caterpillar tractors, bulldozers and crawler loaders, as well as a Track Marshall 55 and an International TD18 provided the motive power for a fleet of five scraper boxes and a big Killifer Ripper. Between them they levelled hills and built new ones, reshaped ponds, filled gullies and created tracks through the quarry. This DVD covers all the stages of the operation, from the untouched site to the completed job. Bonus material gives more details of the arrival of the equipment and the working scrapers. Caterpillar equipment featured includes: D9G, D8 with 435F scraper, D7M and D6 with scraper boxes, Diesel 75 and ripper, 983, 933, 941B, 943, 951C, D2, D4D, and D4E, including a version adapted for working on the railways.



93 mins DVD #0541 NZ\$49.95

MAD ABOUT EARTHMOVERS

Andrew Beulah's vintage working day is a fascinating place for people who are Mad About Earth Movers. Priestman Cub, Tiger and Lion cable-operated excavators are all seen at work, as well as an early Beaver Hydraulic excavator. Other hydraulic machines being operated include a Ruston-Bucyrus 220RH and one of the innovative JCB 110 tracked loaders.



A range of other machinery including two Fowler Challenger tractors, a Vickers Vigar bulldozer based on tank technology and the remarkable Caterpillar Sugar Baby tractor. Close-up filming allows the sights and sounds of all these big machines to be enjoyed in full.

Bonus features offer heavy earth moving machinery levelling a field and filling a ditch, excavators digging a wildlife pond and more examples of Andrew's big machines, including a heavy-lift crane built for export markets and an American device brought over during the war for recovering crashed aircraft and other military equipment. Narrated by Alan Stennett.
84 mins DVD #0542 NZ\$49.95

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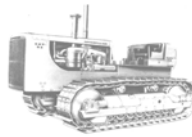
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