Features

- Tail end supplied in 3.5m long section for ease of transport.
- Section to section joined by pin connectors and male/female clevis.
- Rugged welded sections built to last several headings.
- Modular design allows conveyor length to be tailored to application.
- Available in 42”, 48” & 54” belt widths.
- Heavy Duty 18” dia return drum.
- Full Length cable trays available with chain type cable handler at bridge conveyor overlap.
- Simple manual valve hydraulics for reliable operation.
- Hydraulic supply by optional on board power pack or via heading machine hydraulics.
- Open side frame design of section allows good access to bottom belt.
- Inbye and outbye bottom belt scrapers provided.
- Loading trolley, fan trolley and crusher options.
- Heavy duty 8 tonne lifting jacks for trouble free operation.
- Push rams give 50 tonnes advance force.
- Staple lock hoses in designed hose runs give good hose protection.
- Flat plate platform for ease of mounting equipment.
- One man operation to advance conveyor.

DALE (MANSFIELD) LTD
ROTHERHAM ROAD, NEW HOUGHTON, NR. MANSFIELD, NOTTS.
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DALE

Walking Conveyors

42”/48”/54” Walking Conveyors

(PATENT APPLIED FOR)

DALE

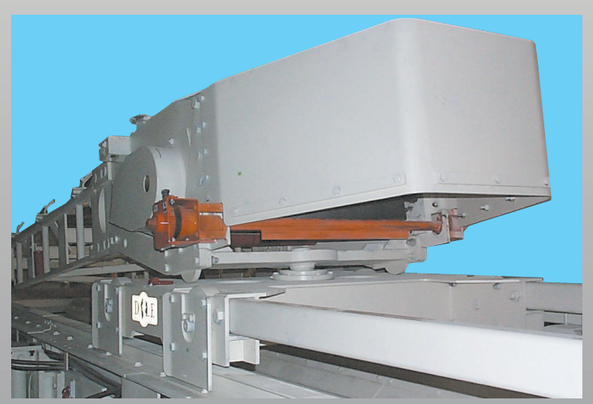
Introduction

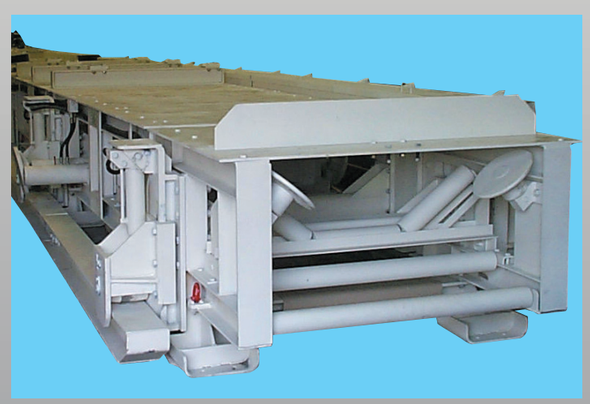
The Dale Walking Conveyor has been developed to provide a mechanised means of self advancing the development conveyor tail end complete with all necessary ancillary equipment required in the heading. By no longer relying on the heading machine to pull in the tail end the twin benefits of less disruption to the machine cutting cycle and a more powerful advance force are realised. The design is such that the tail end can be advanced effortlessly against the pull of the loop take-up on both gradient and dip where conventional methods would struggle.

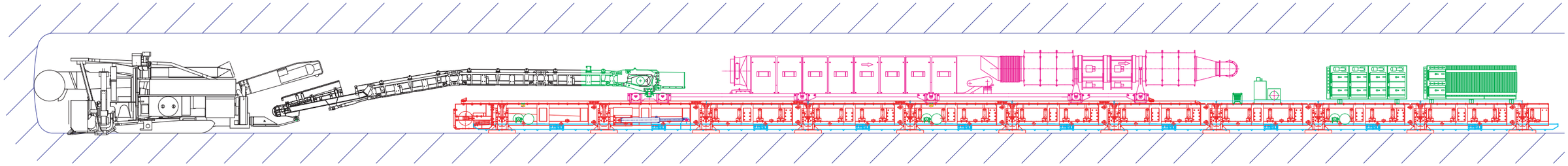
The system has been successfully applied in many U.K. and European mines and has proved to be a cost effective method of improving productivity and safety:-

Safety

- Eliminates safety problems associated with shuttle car movement.
- Reduces the risk of injury during the moving up of equipment.
- Eliminates the use of chains to pull the conveyor tail end.

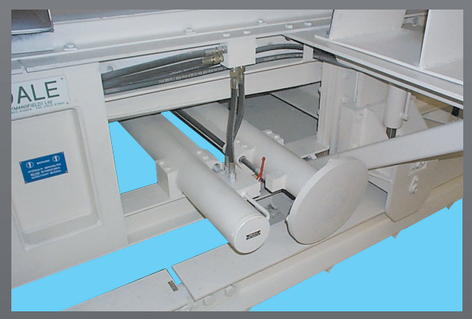


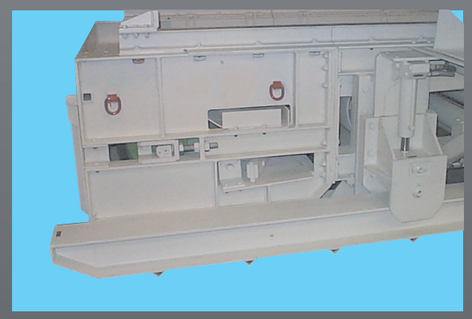




Cost Effective

- Less manpower required in the heading
- Low capital cost of equipment as compared to a shuttle car heading
- Low maintenance - The equipment can be used for several drivages before requiring major overhaul





Productivity

- When used in conjunction with a bridge conveyor the cutting and loading of material becomes a continuous process.
- All electrical and ventilation equipment such as panels, transformers, fans and ducting are advanced with the walking conveyor reducing the time require for ‘move ups’.
- Simple design is high on reliability, low on maintenance.