

30"/36" range of Bridge Conveyors

DALE



30" wide Bridge Conveyor	30" (762mm) Hydraulic	30" (762mm) Electric 15kW motor	30" (762mm) Electric 22.5kW motor
Belt Speed	125.8 m/min	163 m/min	163 m/min
Capacity	530 tons/hour	750 tons/hour	750 tons/hour
Max. length	56m	56m	110m
Unsupported length	19.5m	19.5m	19.5m

36" wide Bridge Conveyor	36" (915mm) Hydraulic	36" (915mm) Electric 22.5kW motor	36" (915mm) Electric 30kW motor
Belt Speed	125.8 m/min	163 m/min	200 m/min
Capacity	700 tons/hour	1000 tons/hour	1250 tons/hour
Max. length	56m	56m	110m
Unsupported length	19.5m	19.5m	24.5m

NOTE: All maximum lengths calculated on level



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Bridge Conveyors

30"/36" Bridge Conveyors

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Introduction

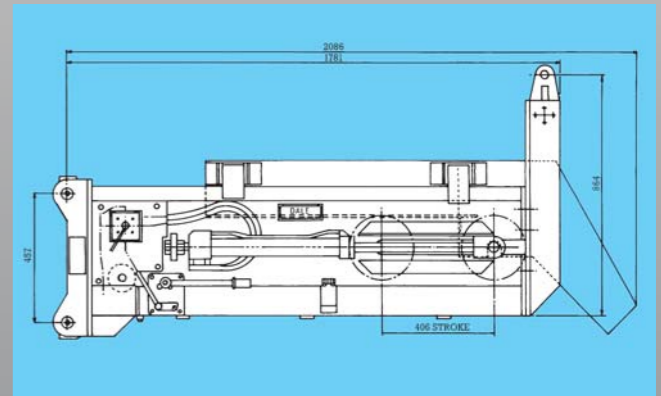
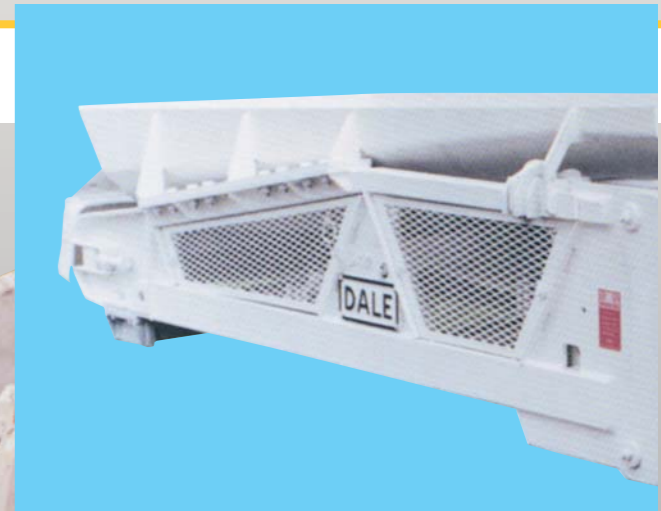
The recent technical developments in underground Roadheading machines, and improved performance rates, have indicated a need for uprated heavy-duty bridge conveyors to cope with these high capacity machines. To meet these new market requirements 'Dale' have designed and developed a new range of bridge conveyors. These being of 30" and 36" belt width and embrace the high quality of 'Dale' products.

The first products to be developed were 30"/36" conveyors with hydraulic drive. Experience in the field has proven that some of the heavy-duty continuous miners have insufficient spare hydraulic power to drive a bridge conveyor and that there was a need for an electrically driven conveyor. 'Dale' have now developed their 30"/36" electric drives utilising Underground mining Spec. 15kW, 22.5kW and 30 kW motors

Receiving Section

30"/36" Receiving Section.

- All welded construction.
- Low profile for adapting to Roadheading machines.
- Fully guarded with bottom belt scraper.
- Receiving hopper as standard.
- 200mm diameter return roller adjustable.



Delivery End

30"/36" Delivery End.

- All welded construction.
- Hydraulically adjustable roller with inbuilt handpump and control valves, no external hoses required.
- Self adjusting chute as standard

Drive Unit

30"/36" Electrically Driven Conveyor Drive.

- High quality all welded construction.
- Electric motor within the confines of the drive.
- Slimline design - (30" conveyor only 1074mm wide).
- Designed to accept Underground mining Spec 15kW, 22.5kW and 30kW motors.
- Electric motor fully protected from water and fines.

