SYSTEM SPECIFICATION SHEET

ChainRail Track System

ChainRail combines curtain track systems into one, utilising ChainTrack as a motor to drive the curtain and Erail to carry the curtain along the track. It is an ideal track for crematoriums looking to improve the efficiency and smoothness of their services.

Combining ChainTrack and Erail this system consists of a machined ultra-high molecular weight (UHMW) system which carries the upper portion of a 3/8" duplex roller chain in a machined UHMW guide. Erail is a compact profile extruded aluminium track incorporating various comprehensive parts and components enabling it to handle all applications other than the heaviest professional main curtains.

The ChainTrack motor transmits power through a chain sprocket which drives the upper section of the duplex chain. Movement is then transmitted to the Erail master carrier using an 'L' shaped bracket which is used to carry your curtain along the straight or curved track.

ChainRail has a 3-phase motor of at least 4Kw power which increases according to the predicted carrying and frictional loads. The ChainTrack motor is located at one end of the track, however, if there are height constraints with your operation, the motor can be shifted to the opposite end where it can be side mounted.All ChainRail chain sprockets have two ball-raced bearings which have a life expectancy of over 50,000 cycles based on a 25 metre (82 foot) long track.

Technical Details

External dimensions are 78 mm x 134 mm

Minimum radius of 1.00 m

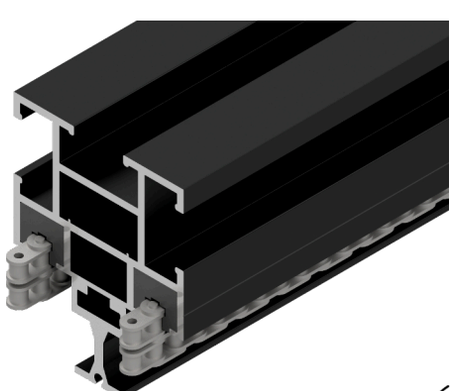
Custom-designed systems for each project

Available in 6100 mm (20 ft) lengths with custom cut lengths available

Low maintenance requirements

Does not require a chain stacking area

Extended life expectancy



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