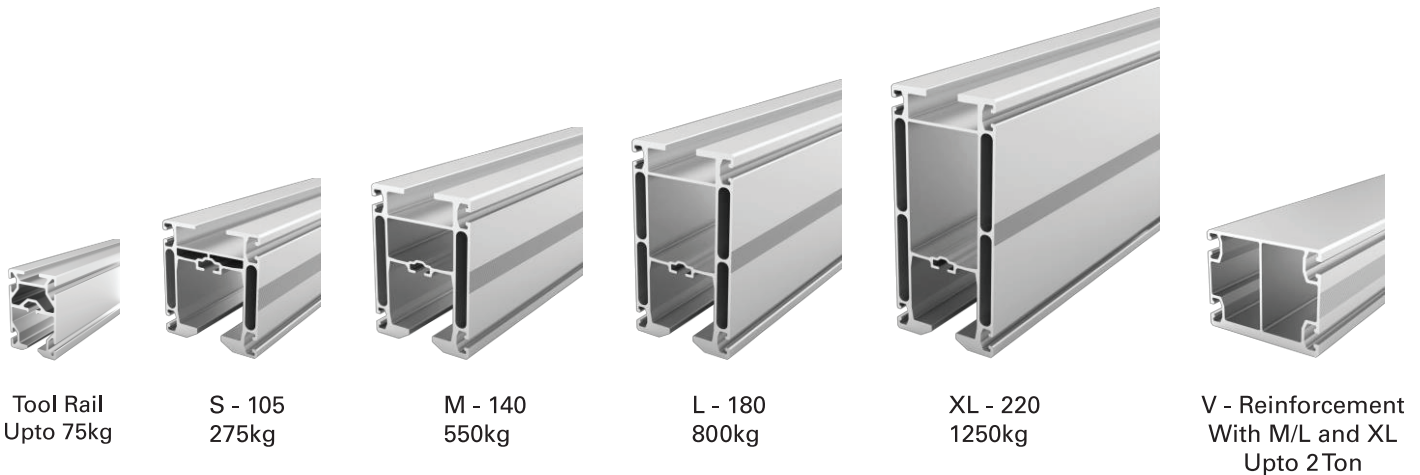










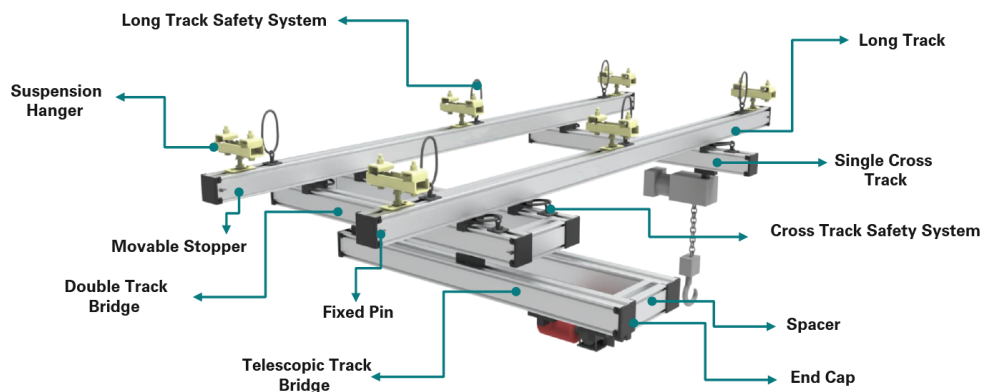
ALUMINIUM OVERHEAD XY CRANES SYSTEM

SEAMLESS MOVEMENT WITH EXEMPLARY STANDARDS



-  Lightweight with strong bearing capacity and ergonomic design.
-  5 profile types with a range of up to 2 tons, offering versatility and customization.
-  Modular design for easy installation with multiple safety protections.
-  Hanging parts have a safety factor exceeding 5 times the rated load for secure investment.
-  Push-pull force is <math><0.8\%</math> of the safe working load (e.g., 100 kg load requires <math><0.8</math> kg; 500 kg load requires <math><4</math> kg).
-  Rated load options meet different requirements, ensuring smooth upward load handling.
-  The series is equipped with secondary protection devices for added safety.
-  Optional origin conveying units, including spring pipe, tow chain, flat cable, sliding wire, or pneumatic/electric moving units, with curve profiles for a 2-meter radius.

ASSEMBLY & NOMENCLATURES



APPLICATIONS

Manipulator

Hoist Application

Nut Runner Application

FEATURES



With Aluminium alloys



Unique & Modular Design



4 side slot for joining 2 tracks



1 slot for movable stopper



Solidity & Strengthening for Trolley travel area - More Safer in higher load



Special chamfer & radius allow Travel trolley intact with profile & travel in 1 direction in any load condition.



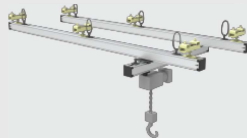
Reinforcement profile having middle ribs & high thickness to avoid deflection in higher load & span condition.



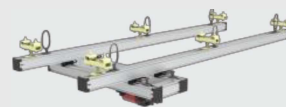
Special Tool Rails for quick application like Hand tools, spring balancers media supply etc.



Single Girder Telescopic Type



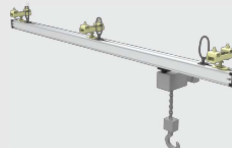
Single Girder Crane



Double Girder Crane



Double Girder Telescopic Type



Monorail Suspension Type

ADVANTAGES



Long life compared to Steel



Aluminium its 2.5 times lighter than steel



Anodizing layer makes the track more smoother



No paint chip off problem in Aluminium track



Wear resistant property increase working life



Increase life of Nylon roller of travel trolley



Less Elasticity property compare to Steel, which make less vibration during work

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