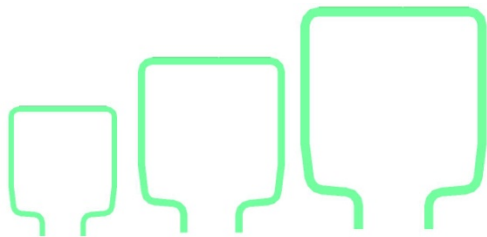


Enclosed Track Cranes and Monorails

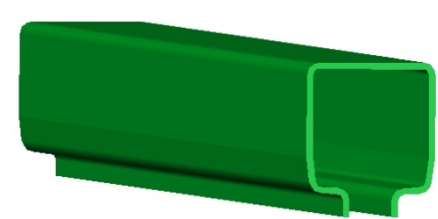


- Enclosed Track Cranes provide a safe and productive method of lifting and transporting loads up to **3 tons**.

Enclosed Track Profile Smooth Rolling



- The enclosed design of the track profile protects the running surface from contaminants which might otherwise compromise the smooth rolling of the trolley.
- High strength, low deadweight rolled steel or extruded aluminum profiles are cost effective, easy to move, and add minimum deadweight to overhead structures.
- Precise tolerances insure that track connections are smooth providing a seamless running surface for the trolley.



Enclosed Track Profile Adaptable



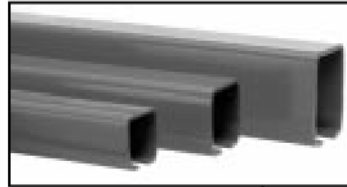
Plain Steel Track



Trussed Steel Track



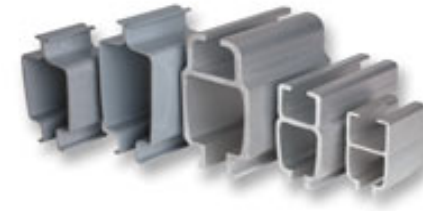
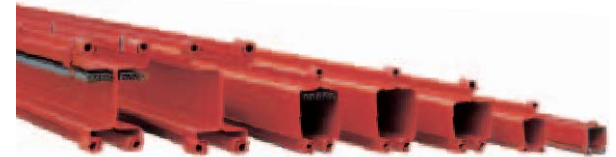
Aluminum Track



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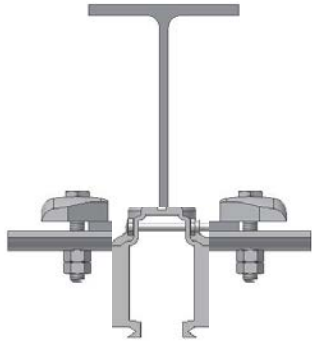
Aluminum
enclosed track line
from SPANCO®



- Multiple profile designs and sizes allow precise matching of the track profile to the task at hand, keeping costs low while maximizing the ergonomic benefits.
- The modular design with bolted track connections allow systems to be installed quickly, and expanded or reconfigured later to match changing production requirements.

Enclosed Track Hangers

Adaptable

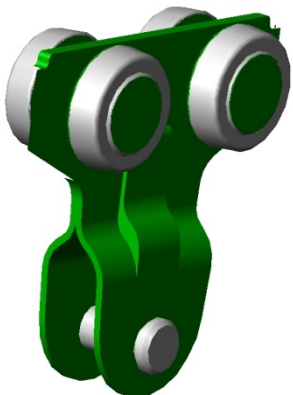


- Track sections can be suspended from a variety of types of overhead structures via the track hanger. This adaptability allows systems to be easily installed in most plant locations.
- The connection to the overhead structure is a clamp on, bolted design. This avoids any damage to the existing structure from drilling or welding and insures the enclosed track system is easy to install, change or move.



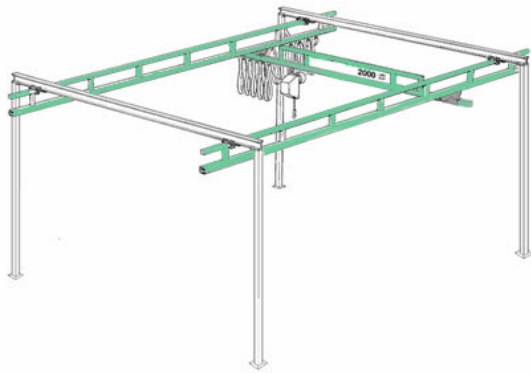
- Track sections can be suspended with short or direct clamping hangers which are cost effective and provide the smallest possible suspension height for the system.
- Longer suspensions via threaded rods allow the entire system to be lowered to the ideal height required for the application. Systems can be installed beneath obstructions and suspensions from structures with varying elevations is possible.
- Depending on the application, hangers are available to handle tension or compression and tension.

Enclosed Track Trolleys Smooth and Efficient

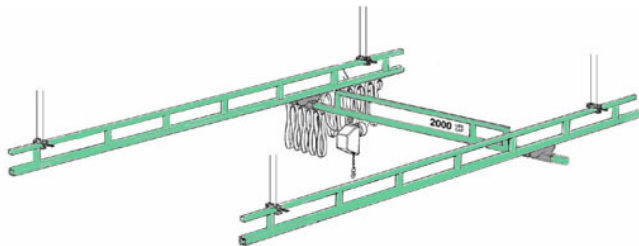


- Nylon or steel wheeled trolleys are designed and shaped to perfectly match their specific track profile, insuring exceptional tracking and running characteristics with very low wear.
- High quality sealed antifriction bearings provide very little rolling resistance insuring that even heavy loads can be moved easily and precisely by hand.
- A variety of trolley arrangements and connection methods allow the safe suspension of most lifting devices and manipulators.
- Depending on the application, trolleys are available to handle tension or compression and tension.

Ceiling Supported and Freestanding Enclosed Track Systems Options



- A perfectly matched freestanding structure can be provided along with an Enclosed Track crane or monorail system. These are an excellent solution for buildings with very high or obstructed ceilings as well as building structure that is not strong enough to handle the loads imposed by a suspended system.

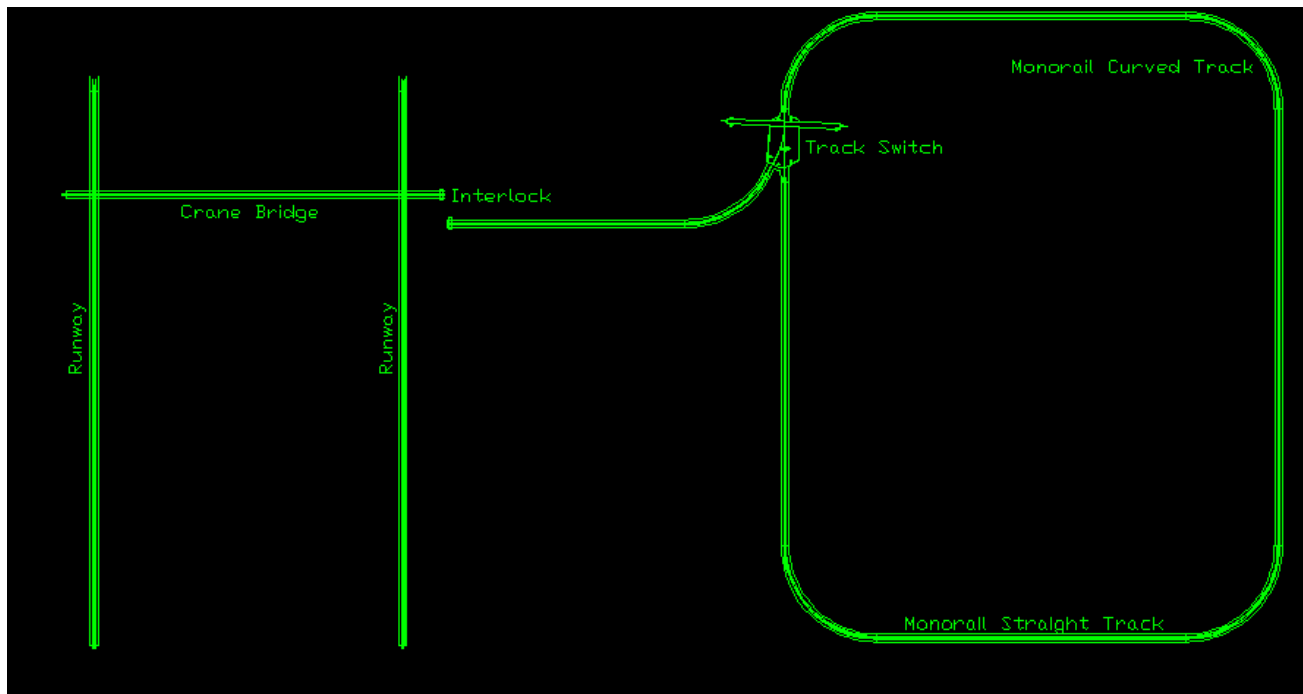


- A ceiling supported system reduces the material cost and has the advantage of introducing no additional obstructions to floor traffic.

Enclosed Track Complex Monorails

Due to the underhung design of the Enclosed track crane systems, loads can be safely transferred via an interlock to adjacent cranes and monorails, This reduces or eliminates un-necessary re-handling of loads with other material handling equipment.

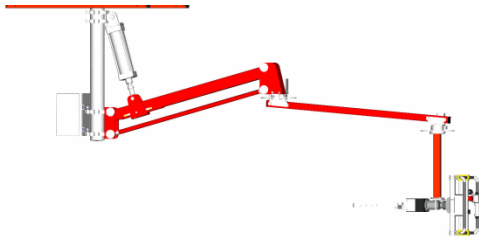
In addition to interlocks, track switches, turntables and other devices are available which allow complex overhead monorail systems to be implemented.



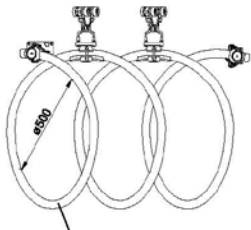
Associated Components



- Enclosed track systems are commonly used with lifting devices such as hoists and balancers.
- Although most enclosed track systems are moved easily by hand, air or electric tractor drives are also available



- Custom lifting and manipulating devices are used for special handling applications.



- Air or electric power is easily supplied safely and reliably to all parts of the system via festooning or conductor bar systems.

Manufacturers of Enclosed Track Systems

