

ALUMINUM RAIL

ERGONOMIC SOLUTIONS



- *The ergonomic solution for movements of light loads up to 2000 lbs.
- *Rail systems, Monorails.
- *Ergonomic workstations.
- *Effortless and natural movements.



RAIL SYSTEMS

35 YEARS OF EXPERIENCE SUPPORT OUR SOLUTIONS!

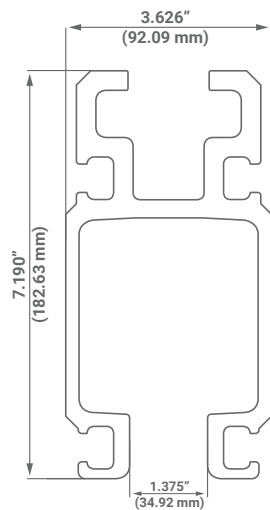
www.cormac-ind.com



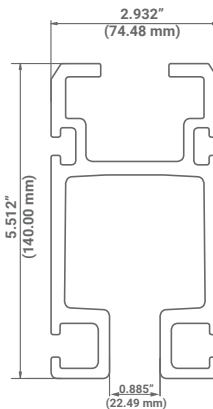
ERGONOMIC RAIL SYSTEMS

1. Robust, safe, light weight and ergonomic, aluminum rail systems.
2. They are the answer to your ergonomic material handling needs.
3. Developed to exceed current industry standards.
4. Tested and certified to guarantee up to 5 times the specified capacity.
5. They can be installed easily and quickly, creating time and cost savings.
6. Natural aluminum surface finish, corrosion free!
7. Thanks to the inside geometry of the rail, it reduces the possibility of the accumulation of dirt on rolling surface.
8. Ease of operation reducing operator effort with a smooth and silent glide.
9. This system has T-Slots on both sides of rail which makes it easy to splice for extended runs and allows for additional accessories to be mounted directly to the rail.

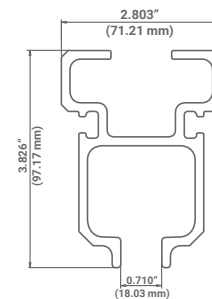
The required force to move any load is 1% of total weight! **To break inertia**



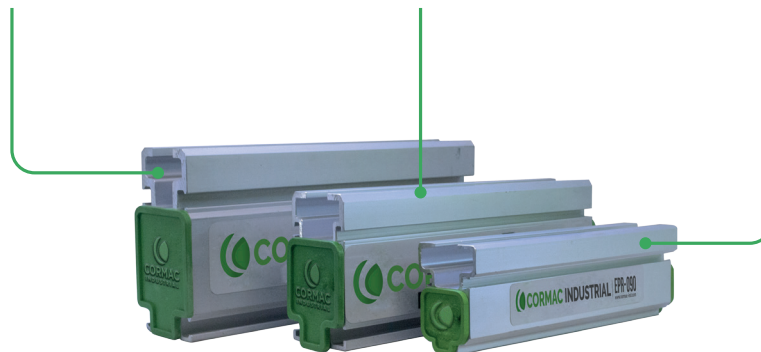
R-180 Rail
Heavy, Cap. Max. 2000 lbs. (950 kg)



R-140 Rail
Medium, Cap. Max. 1400 lbs. (640 kg)



R-90 Rail
Light, Cap. Max. 250 lbs. (115 kg)

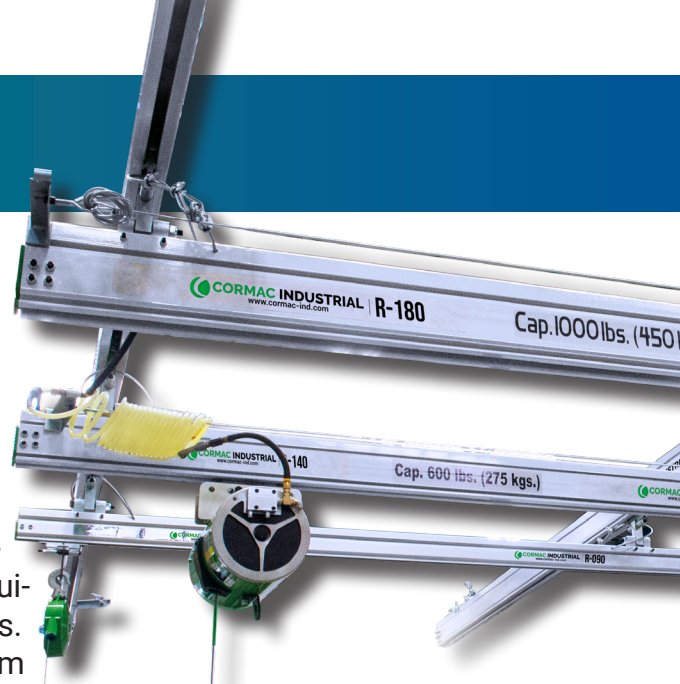


BRIDGE CRANE

Our bridge cranes are designed to move longitudinally on our rails on support trolleys called end trucks, this allows access to the full work area envelope.

TROLLEYS

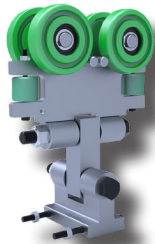
Other than the rail itself, the trolley selection is critical and determined by the customer's requirements. All Trolleys are equipped with double guide wheel, which use heavy duty bearings. Includes redundant rail safety lugs to prevent the trolley from being pulled through the rail.



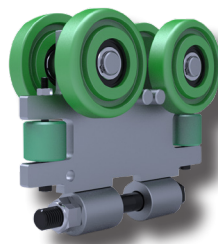
Our wheels are made of the highest technology Dupont® polymer, which offers a long service life without undergoing deformations even under maximum load for long periods with a static load.



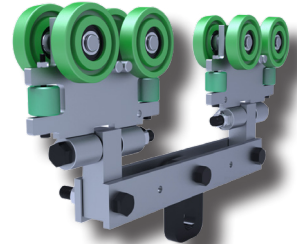
Hoist trolley simple



End truck



Trolley stand



End truck doble



Air Tractor

ACCESSORIES

RAIL END CAPS

We use redundant end caps to absorb the trolleys impact to guarantee the equipment safety. They are manufactured with rubber for smooth and safe operation.

RAIL SPLICE KIT

These kits are used to splice the rails making alignment and installation a breeze. With this solution extending rails is a simple task.

Rails can be cut and joined at any part of the rail, just cut and splice to join it!

Important note: A hanger must be installed at the splice point.

HANGERS

Our hanger supports have been designed to mount our aluminum rail systems to "I" beam "C" beams and angle iron.

AIR SUPPLY FOR RAIL AND BRIDGE CRANES

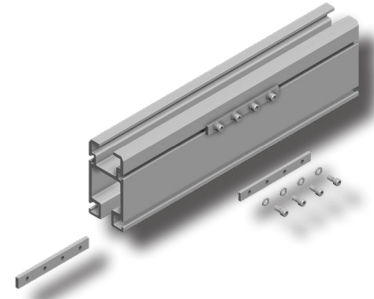
The air supplies are available in 3/8 "and 1/2" ID hose and up to 50 ft. long. This kit is available for use with rails and bridge cranes.

AIR KIT: Filter regulator, shut off valve, helical hose assembly, straight hose assembly, hose connections, steel cable line, eyebolt, air bracket assembly, and fixing clamp.

BRIDGE CRANE KIT: Helical hose assembly, straight hose assembly, hose connections, steel cable line, eyebolt, air bracket assembly and fixing clamp.



Rail end caps



Splice kit rail



Hangers

Cormac Industrial, has been a leading manufacturer and provider of innovative industrial ergonomic lift assist equipment, including air balancers, jib cranes, overhead enclosed monorail systems, pneumatic lift tables, and lift assist systems.

We have been the leader in the development and manufacturing of the best industrial ergonomic equipment in Mexico for more than 34 years. We have designed, manufactured, and installed nearly a thousand lift assist systems over the past 34 years, with nearly 90% of them delivered to the automotive and transportation industries in Mexico. The ergonomic design of our devices makes it easier for the operator to carry out his work with natural movements, eliminating unnecessary efforts, avoiding risks of back and limb injuries.

Our design and manufacturing facilities are located in San Juan del Río Querétaro. We manufacture our own ergonomic aluminum rail systems. We extruded our aluminum rails in Mexico and maintain inventories at Cormac and Blue Giant in Kentucky. Our technology is tried and proven. We cover the entire Mexican territory and North America directly and through value-added distributors. In September 2022 Blue Giant Corporation acquired controlling interest in Cormac Industrial, bringing with it a wealth of resources that will allow us to grow. Together we will be able to expand our offering and footprint to help our national and international customers solve their Ergonomic material handling pains.

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