

Rapid Industries New Esconveyor



Continuous Flow 4-Strand Vertical Lift, with the versatility to meet your needs. Dependable and durable, this Lift Conveyor also provides many standard features to ensure operator safety when interfacing while running



Totally enclosed screen guards provided for access ladder and maintenance platform for added safety

Customized to deal with confined space requirement. Rapids engineers will evaluate for proper sizing for your application



Delivering fully Packaged units via elevated Belt & Roller Conveyors to the Main Warehouse



Modular design fabricated from heavy structural steel members, includes base, intermediate sections and drive base, all totally enclosed with expanded metal



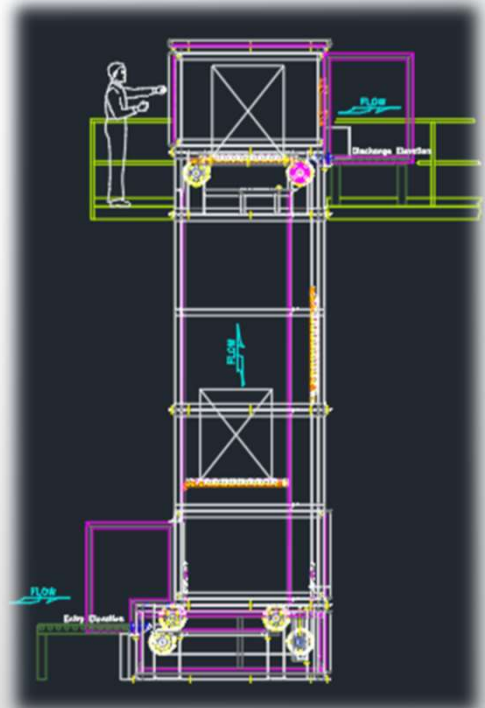
Lift Platforms



The Platforms are rigid in one direction for carrying the load and flexible in the other direction to travel around the sprockets



Loading is accomplished with powered conveyors synchronized with the lift platform speed



Capacities of up to 32 loads/min can be achieved. This is dependent on the overall size of the product. The lift speed should be limited to a max of 100 FPM

Controls & Drive Features



Remote HMI for local control through the Mainline PLC



HMI located at floor level for easy operator access



Multiple photo eyes positioned on Esconveyor

Redundant Drive System



Dual drive system to prevent downtime in the event of a motor failure



Meltric quick change plugs and dual chain guards, resulting in minimal downtime

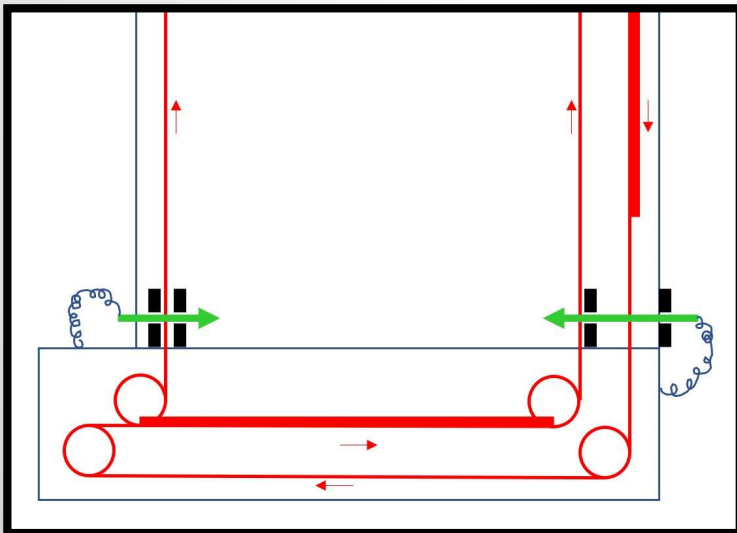
Rapid Safety Features



Mechanical Brake Assembly, used when performing maintenance, pinned & placed in alignment hole



Mechanical Brakes provided with tab for LOTO when performing maintenance



Chain Arms provided for locking the chain in position while performing maintenance, includes prox switch for sensing when Chain Arms are placed in Holster



Sliding Access Guards with Safety Locks & Black Expanded Metal for Improved Viewing

Rapid Industries Installation Service

Rapid provides turnkey solutions for your material handling needs. Equipment is shop tested and proved prior to delivery. Our skilled craftsman will unload and assemble the Esconveyor on site, along with any associated equipment in a safe and timely manner.

Field Installation (Millwrights)

- Superintendent on Site to Oversee Installation Crew
- Provide all the Necessary Tools and Rental Equipment
- All Workers Certified to Operate Heavy Equipment
- Team Culture of Safety First

