

ABSTRACT

WHEELED CONVEYOR RAIL

A wheeled conveyor rail segment has a frustopyramidal cross-sectional shaped support rail, which can be made from roll-formed galvanized steel. A plurality of wheels are joined to the galvanized steel support rail and can rotate with respect thereto, enabling goods to be transported by rolling over the conveyor rail segment. The wheel axles can be held in place by axle bearing units that slide into longitudinal grooves in the support rail. All materials can be made electrically conductive, allowing the conveyor rail segment to be used in applications where control of electrostatic discharge is desired, such as handling semiconductor materials and electronic equipment.