objects on a carrier or car bed, usually constructed of a power or roller conveyor, and elevates or lowers them to other locations

• SUSPENDED TRAY CONVEYOR a vertical conveyor having one or more endless chains with pendant trays, cars, or carriers that receive objects at one or more elevations and deliver them to another or several elevations

• VERTICAL CHAIN CONVEYOR (opposed shelf type) two or more vertical elevating conveying units opposed to each other, each unit consisting of one or more endless chains whose adjacent facing runs operate in parallel paths Thus, each pair of opposing shelves or brackets receives objects (usually dish trays) and delivers them to any number of elevations

Where vertical conveyors are loaded and unloaded automatically, guards should be provided to protect personnel from contact with moving parts Where they are loaded and unloaded manually, guards and safety devices such as lintel and sill switches and deflectors should be installed

Carriages of vertical reciprocating conveyors designed to register at a floor, balcony, gallery, or mezzanine level never should have a solid bed This type of conveyor is not intended to carry passengers or operators, or to have its car or carriage called to a station by a manually-operated pushbutton

References

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"Dust Explosions," Z12 Series
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Safety Code for Building Construction, A10 2
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International Union of Operating Engineers, 1125 17th St NW , Washington, D C 20036 (General safety information)

National Fire Protection Association, 60 Batterymarch St , Boston, Mass 02110
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