

### Series TKV Conveyors

A new type, designed especially for handling such problem materials as:

- Cement, Ore, Lime, Billets, Coils,
- Coke, Slag, Forging's, Steel
- Sheets, Scrap Metal, Hot Castings,
- Molds, Red Hot Sinter
- Agglomerate and Fines

### Chief Features

- Durable, stable pans (or trays) that are insensitive to thermal stresses
- Wide-spaced, extra large, sealed heavy duty ball bearing rollers which minimize friction and wear, can be exchanged without disconnecting chain and reduce power requirement by 60%
- Rollers and chains that are positioned to minimize heat transfer from hot bulk material
- Fewer overlapping areas and a short chain pitch - to assure smooth, quiet operation with no vibration
- Overlaps that seal tightly to prevent leakage of fine grained materials

### Basic Specifications

- Lengths to 1300 feet, with one head drive
- Tray widths to 8'-0"
- Pan side heights to 12"
- Inclines to 70°
- Capacities to 1,000 tons-per-hour
- Withstand rough loading
- Handle individual units to three tons
- Operating speeds to 60 fpm



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### Tray Conveyors

1. Long trays, for red hot sinter
2. Discharging material from steep incline
3. Cooling hot clinkers - rollers don't heap up, conveyor runs quietly
4. Shorter chain pitch, fewer rollers and tight-fitting tray overlappings mean smooth, quiet operation
5. TKV Tray Conveyors can carry material on either the top or bottom track - can be loaded or unloaded continuously, or at selected points on either track
6. Deep trays carry fine grained material at high speed without spillage