

SC5-15-2.5

Heavy Duty Steel Belt Conveyor

Conveyor Style: S-style with 15' Lower Horizontal, 21'0" Incline Section at 30°, 2'-6" Upper Horizontal with 5° nose down.

Belt Width: 72" Nominal (Between Skirts 69 ½")

Discharge Height: Approx. 10'- 4"
Centerline of drive shaft to floor

Belting:

- 9" Pitch, ¼" Thick Precision Die Formed Hinge Pans
- 9" Pitch, 4" High, ¼" Thick Precision Formed Interlocking Side wings Welded To Hinge Pan
- 1¼" x 2" Precision Die Formed Side bars
- Solid bushings, hardened RC50-60 press fit into sidebars
- 3" diameter single flange rollers
- ¾" diameter thru pin CR1045 Material, Ends Milled, Drilled for ¼" Dia. Cotter Pin
- .970 OD x .760 ID 1008 Tubing
- Cotter pin locking style
- Angle Cleats ¼" x 3" x 4" on 72" centers
- Impact Shoes 1" x 3" x 3" every 2nd pitch

Frame:

- Open, structural steel construction, completely shop fitted and welded
- 4" x 3" x 3/8" track with ¼" wear strip
- Solid metal side covers
- Inspection panels-bolted construction.
- Electric/Gravity feed chain oiler
- Side Skirts 36" high Incline and Upper Horizontal 12" High Pit Section
- Load Impact Beams, 1 centered for 60" & 2 equally spaced for 72"
- Adjustable Supports

Bearings & Drives:

- 7 ½ HP, 460 volt, 3 phase, Direct Coupled Motor Reducer w/brake
- 3-7/16" Dia. Head Shaft and 2-15/16" Dia. Tail Shaft c1045, Machined alignment
- 6 Tooth Sprocket, 9" Pitch, 18" Pitch Dia., Machined alignment

Speed: 40 feet per minute fixed

Live Load Capacity: 6,500 lbs

Guarding: Supplied in areas of personnel access up to 8'0"

*Sierra Reserves the right to change specifications without notice. Rev. 08-29-11



SIERRA

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SC6-15-7

Heavy Duty Steel Belt Conveyor

Conveyor Style: S-style with 15' Lower Horizontal, 21'0" Incline Section at 30°, 7' Upper Horizontal with 5° nose down.

Belt Width: 60" Nominal (Between Skirts 57 ½")

Discharge Height: Approx. 10'- 4"
Centerline of drive shaft to floor

Belting:

- 9" Pitch, ¼" Thick Precision Die Formed Hinge Pans
- 9" Pitch, 4" High, ¼" Thick Precision Formed Interlocking Side wings Welded To Hinge Pan
- 1¼" x 2" Precision Die Formed Side bars
- Solid bushings, hardened RC50-60 press fit into sidebars
- 3" diameter single flange rollers
- ¾" diameter thru pin CR1045 Material, Ends Milled, Drilled for ¼" Dia. Cotter Pin
- .970 OD x .760 ID 1008 Tubing
- Cotter pin locking style
- Angle Cleats ¼" x 3" x 4" on 72" centers
- Impact Shoes 1" x 3" x 3" every 2nd pitch

Frame:

- Open, structural steel construction, completely shop fitted and welded
- 4" x 3" x 3/8" track with ¼" wear strip
- Solid metal side covers
- Inspection panels-bolted construction.
- Electric/Gravity feed chain oiler
- Side Skirts 36" high Incline and Upper Horizontal 12" High Pit Section
- Load Impact Beams, 1 centered for 60" & 2 equally spaced for 72"
- Adjustable Supports

Bearings & Drives:

- 7 ½ HP, 460 volt, 3 phase, Direct Coupled Motor Reducer w/brake
- 3-7/16" Dia. Head Shaft and 2-15/16" Dia. Tail Shaft c1045, Machined alignment
- 6 Tooth Sprocket, 9" Pitch, 18" Pitch Dia., Machined alignment

Speed: 40 feet per minute fixed

Live Load Capacity: 6,500 lbs

Guarding: Supplied in areas of personnel access up to 8'0"

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