

SL

Steel Belt Slat Conveyor

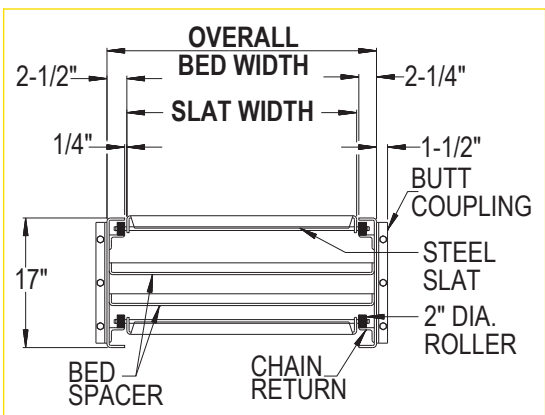
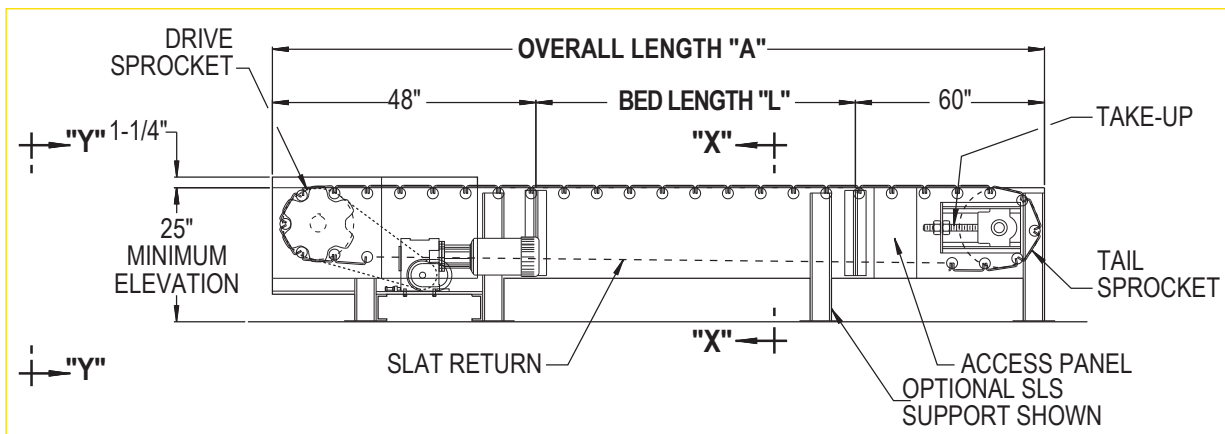
The model SL Steel Belt Slat conveyor provides lasting, dependable performance. Can be used to convey hot, oily parts or items through heat drying processes. Can also be used for assembly line and production operations.

- 5 Bed Widths
- Energy Efficient Motor with AC Variable Speed Controller
- Rugged—All Steel Construction
- Modular Construction
- Roller Chain Reduces Friction
- Adjustable SLS-Type Floor Supports Available

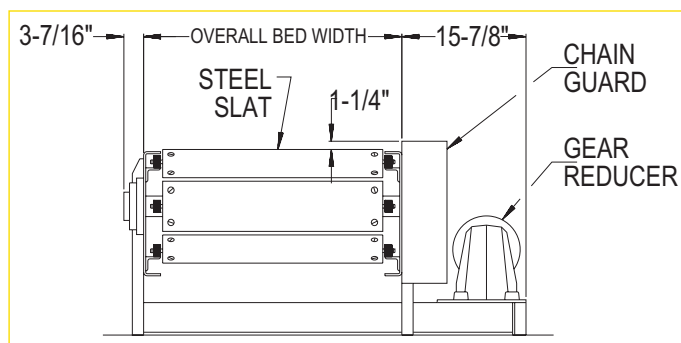


Size To Order	Bed Length	Belt Width	28"	31"	37"	43"	49"
Overall Length "A"	"L"	Bed Width	33"	36"	42"	48"	54"
9'	—		1692	1773	1936	2099	2262
14'	5'		2184	2291	2506	2721	2936
19'	10'		2677	2809	3076	3343	3610
24'	15'		3169	3327	3646	3965	4284
29'	20'	Weights (lbs.)	3662	3845	4216	4587	4958
39'	30'		4647	4881	5357	5831	6306
49'	40'		5632	5917	6497	7075	7654
59'	50'		6617	6954	7638	8319	9003
69'	60'		7602	7990	8778	9563	10351
79'	70'		8587	9026	9918	10807	11669

All weights in catalog are conveyor weights only. Accessories, crating, etc., are not included.



SECTION X-X



SECTION Y-Y

Standard Specifications

END DRIVE – Located at discharge end of conveyor. Chain guard located on left hand side.

SLATS – Formed steel slat, 5 3/4 in. x 1 1/2 in. x 7 ga. channel.

CHAIN – 6 in. pitch bushed roller steel chain with 2 in. dia. high capacity roller bearing.

BED – 17 in. deep x 10 ga. formed steel channel powder-painted. Standard 5 ft. and 10 ft. long sections bolt together with butt couplings.

DRIVE SPROCKET – 12 in. pitch dia. with 2 15/16 in. dia. shaft.

TAKE-UP – Take-ups provided at tail sprockets. Provides 15 1/2 in. of chain take-up.

BEARINGS – Sealed, pre-lubricated, self-aligning ball bearings at drive and tail sprockets.

SPEED REDUCTION – Heavy-duty sealed worm gear C-face speed reducer. No. 100 roller chain to drive sprocket.

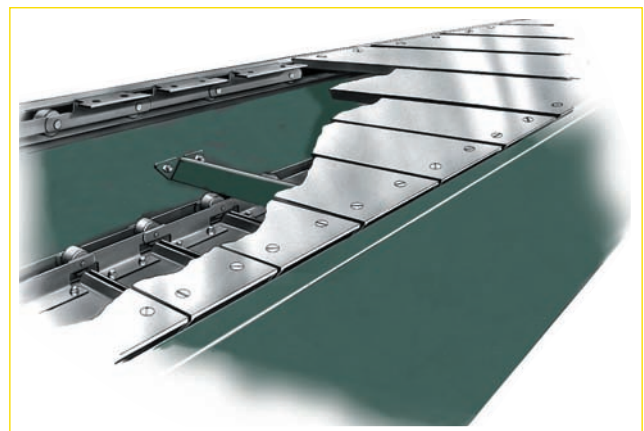
MOTOR – 2 HP, 230/460V, 3 Ph. 60 Hz. Energy Efficient C-face and AC variable speed controller with soft start capability and motor overload protection.

CONVEYING SPEED – Constant 30 FPM.

CAPACITY – Maximum load per linear foot of conveyor 1400 lbs. NOT TO EXCEED capacity in chart.

FLOOR SUPPORTS – Supplied as optional equipment.

Load Capacity Chart @ 30 FPM						
HP	Slat Width 28" to 37"			Slat Width 43" and 49"		
	Total Load (lbs.)			Total Load (lbs.)		
	Up To 24'	Up To 49'	Up To 79'	Up To 24'	Up To 49'	Up To 79'
2	2400	850	–	2000	–	–
3	6000	4400	2900	5600	3600	1700



Detail shows inside view of roller chain which carries steel slats. Chain rides on steel angle mounted to conveyor side of channel.

Optional Equipment

FLOOR SUPPORTS – SLS and SLSD Type fixed floor supports are available. Specify top of slat elevation. One support required at every bed joint and ends of conveyor. Holes in feet for lagging to floor.

SLATS – Wood, contact factory.

MECHANICAL SHEAR PIN HUBS – Required if MD65 Controller is not used.

ELECTRONIC SHEAR PIN – Required if MD65 Controller is not used.

CONVEYING SPEED – Other constant and variable speeds available. Note: Capacity affected with speed change. Contact factory.

MOTOR – 3 HP maximum.

ELECTRICAL CONTROLS – Push-button stations.