



Model: SL6

## Slat Conveyor

Slat Conveyors are often used to move items that cannot be conveyed on rollers or belts due to irregular shapes or uneven bottom surfaces. Their design also makes them ideal for attaching fixtures, providing flexibility for product-specific handling. Operating at relatively slow speeds, they are well-suited for carrying heavier loads with stability and reliability. Commonly found in manufacturing, automotive, and assembly line environments, slat conveyors are valued for their strength, durability, and adaptability.

### Slat Width

- 13" to 49"

### Length

- 120" to 1,200"

### Slat Construction & Options

- Formed channel, 5.75" wide x 1.5" deep constructed from 8ga. steel. Optional 4ga. or 3/8" thick steel.
- Slats attach to chain with (4) 1/4"-20 button head cap screws. Optional flat head screws with counter-sunk slat mounting holes.
- Standard slats are unpainted carbon steel. Optional painted slats.
- Slats ship loose for field installation.

### Conveyor Construction

- 8ga. Frame
- Conveyor Chain Sprocket: 12" pitch diameter, 6 tooth.
- Conveyor Chain: 6" pitch bushed steel roller chain with 2" diameter high-capacity rollers with A2 attachment links every pitch.

### Drive Location

- Standard drive is side mounted at end of conveyor on right hand side.
- Optional:
  - Drive mounted below and within frame, right or left.
  - Floor mounted drive, right or left.

### Motor

- 3/4 HP to 5 HP
- Totally Enclosed Fan Cooled motor
- Optional:
  - Inverter Duty motor
  - Power Off Brake motor
- Voltage: 230/460/ 3Ph/ 60hz
- Optional:
  - 115V/ 1Ph/ 60Hz
  - 208V/ 1Ph/ 60Hz
  - 230V/ 1Ph/ 60Hz
  - 575V/ 3Ph/ 60Hz

### Speed

- 15 to 45 FPM (feet per minute)

### Control Options

- Variable Speed Controller
- Combination motor starter with disconnect, fixed speed
- Combination motor starter with disconnect, variable speed
- PLC with HMI
- No controls (provided by others)

### Conveyor Color

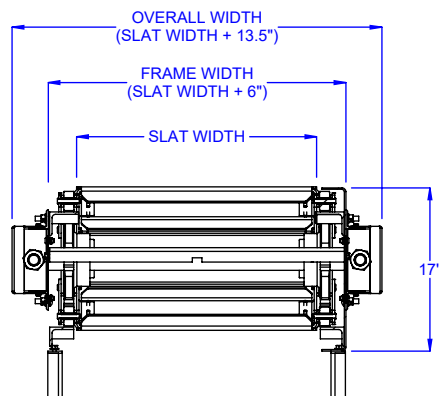
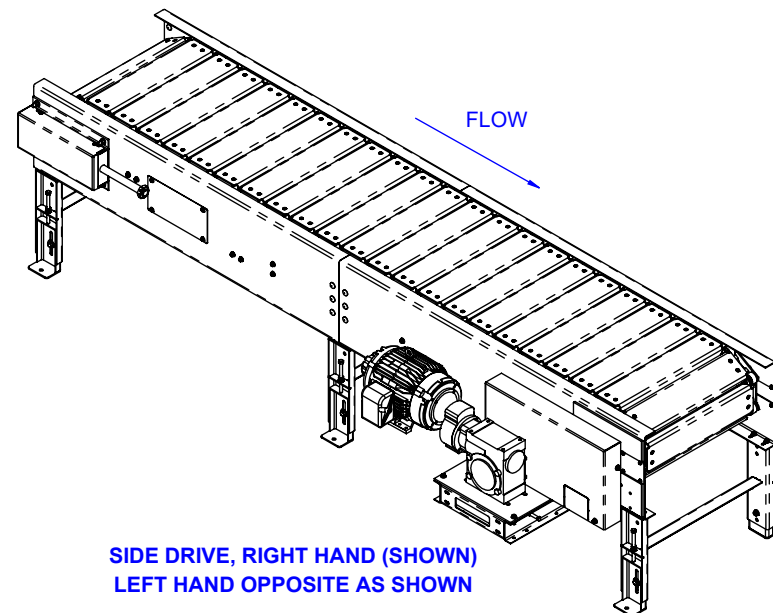
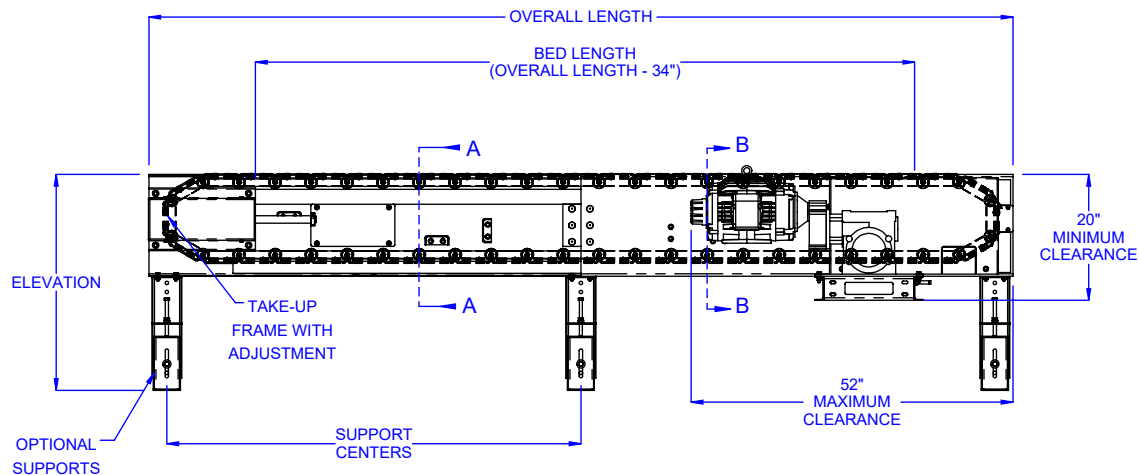
- Blue (RAL 5017)
- Guards are yellow (RAL 1023)
- Moving parts are bright red orange (RAL 2008).
- Optional:
  - Light Gray (RAL 7035)
  - Repose Gray (not an RAL)
  - Patina Green (RAL 6000)
  - Signal White (RAL 9003)
  - Jet Black (RAL 9005)
  - Flat Black (not an RAL)
  - Custom colors available

### Additional Options

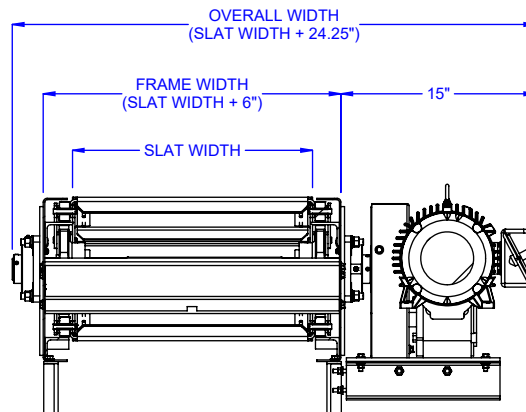
- Conveyor Supports
- Guardrail
- Fork Truck Barriers
- Photo Eye Sensor(s)
- Custom sizes and features available. Please consult a LEWCO Applications Engineer for more information.

### Quality Assurance

- Each unit comes complete with a (1) year warranty and is tested prior to shipment.
- Manufactured under ISO 9001 Quality Certified System.



**SECTION A-A  
TAKE-UP END  
TYP. ALL DRIVES**



**SECTION B-B  
DRIVE END**

LOAD CAPACITY @ 60 FPM (LBS)				
HP	WIDTH			
	13"	25"	37"	49"
3/4	50	-	-	-
1	350	50	-	-
1 1/2	1000	650	650	-
2	1650	1300	950	650
3	2900	2600	2250	1900
5	5450	5150	4800	4450
LOAD CAPACITY @ 30 FPM (LBS)				
HP	WIDTH			
	13"	25"	37"	49"
3/4	1000	650	350	-
1	1650	1300	950	650
1 1/2	2900	2600	2250	1900
2	4200	3850	3550	3200
3	6750	6400	6100	5750
5	11850	11500	11200	10850
MAXIMUM UNIT LOAD PER LINEAR FOOT OF CONVEYOR IS 1400 LBS - NOT TO EXCEED CAPACITY ABOVE.				

\* Based on 20 FT. conveyor length. Note: HP requirements will vary for different conveyor lengths and slat constructions. Consult factory.

MODEL: SL6

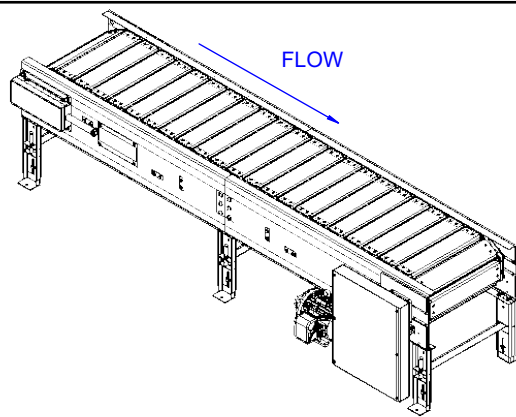
DESCRIPTION: HEAVY DUTY SLAT CONVEYOR

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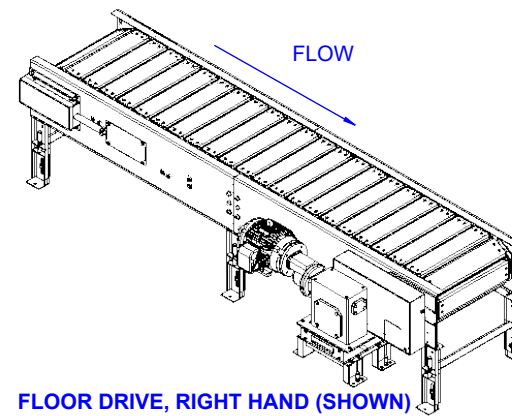
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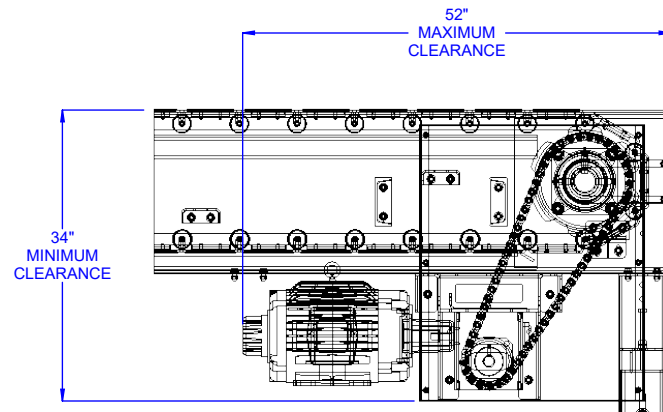
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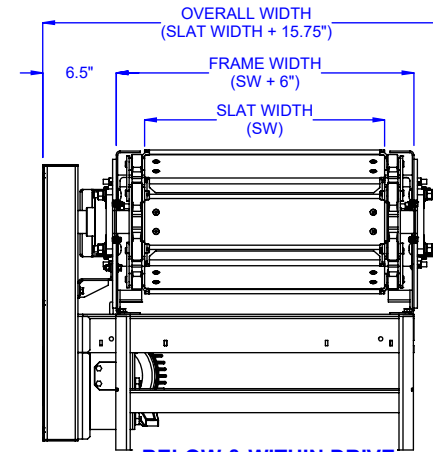
**BELOW & WITHIN DRIVE, RIGHT HAND (SHOWN)  
LEFT HAND OPPOSITE AS SHOWN**



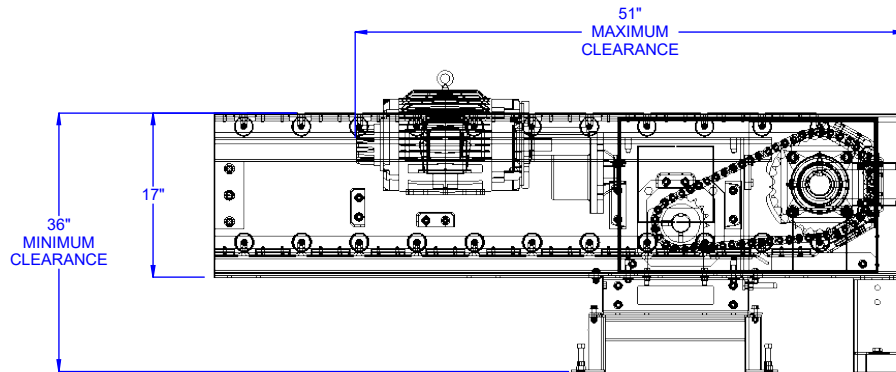
**FLOOR DRIVE, RIGHT HAND (SHOWN)  
LEFT HAND OPPOSITE AS SHOWN**



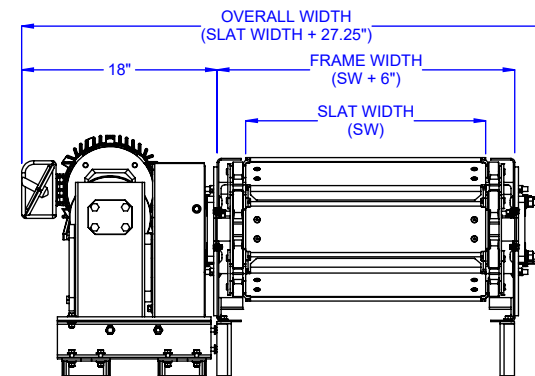
**BELOW & WITHIN DRIVE OPTION**



**BELOW & WITHIN DRIVE  
END VIEW**



**FLOOR DRIVE OPTION**



**FLOOR DRIVE  
END VIEW**

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