

## MDCS – Medium Duty, Channel Frame Slider Bed

Model MDCS is a medium duty, channel frame slider bed belt conveyor. The channel frame style makes it ideal for mounting sensors and other devices. These conveyors are used to provide a reliable way of transporting products in assembly, sorting, testing, and packaging applications.

### Belt Width

- 12", 18", 24", 30", 36", 42", 48"

### Length

- 48" to 1,200"

### Belt

- PVC120 EMB embossed cover with clipper lacing.
- Optional:
  - PVC120 smooth top
  - PVC150 rough top
  - PVC120, Black, friction both sides
  - PVC Food grade, White
  - Thermoplastic polyurethane (TPU) Covered Belt
  - PVC longitudinal groove
  - No Belt
- V-Guided Belt design also available.

### Drive Location

- End Drive, Bottom Right
- Optional:
  - End Drive, Bottom, Left
  - End Drive, Side, Right or Left
  - Center Drive, Right or Left (standard for conveyors with reverse)

### Motor

- 1/2 HP to 2 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
  - 90V DC

### Speed

- 15 to 300 FPM (feet per minute)
- Reverse capability optional

### Control Options

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

### Conveyor Color

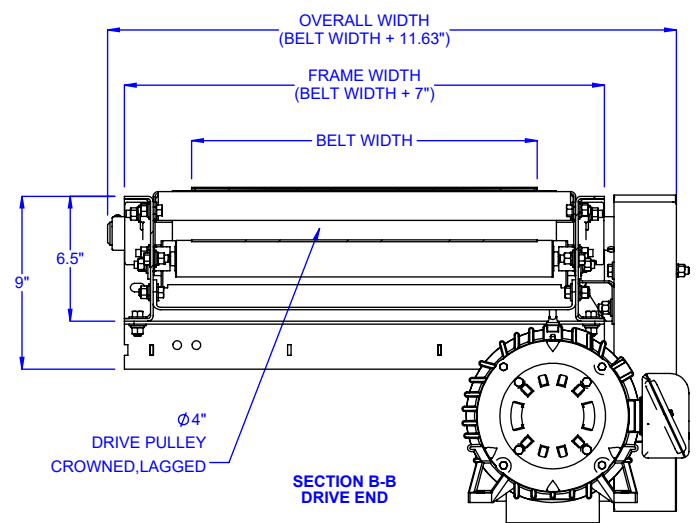
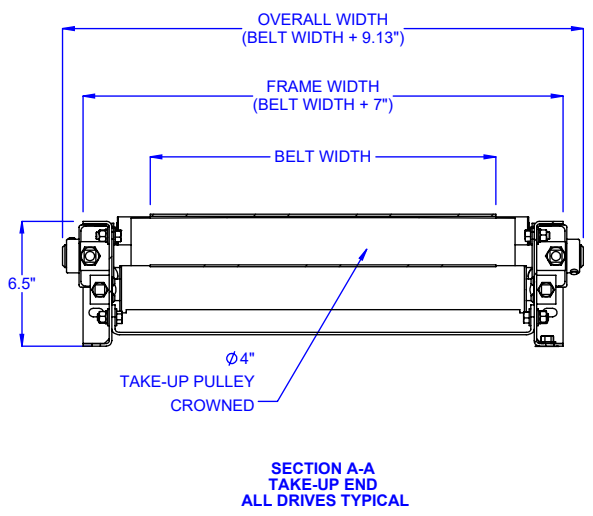
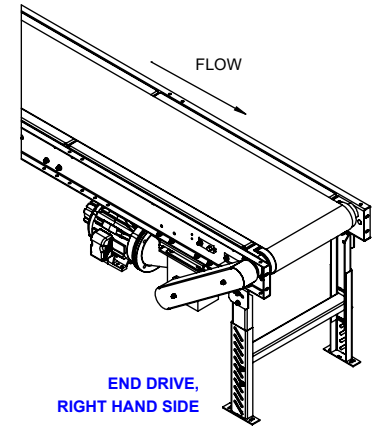
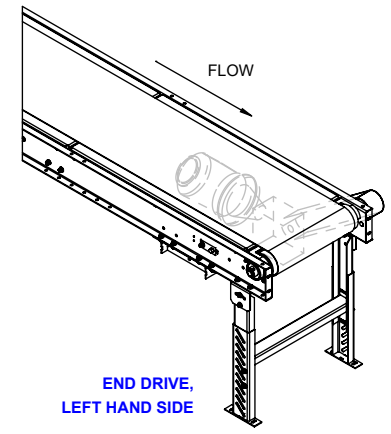
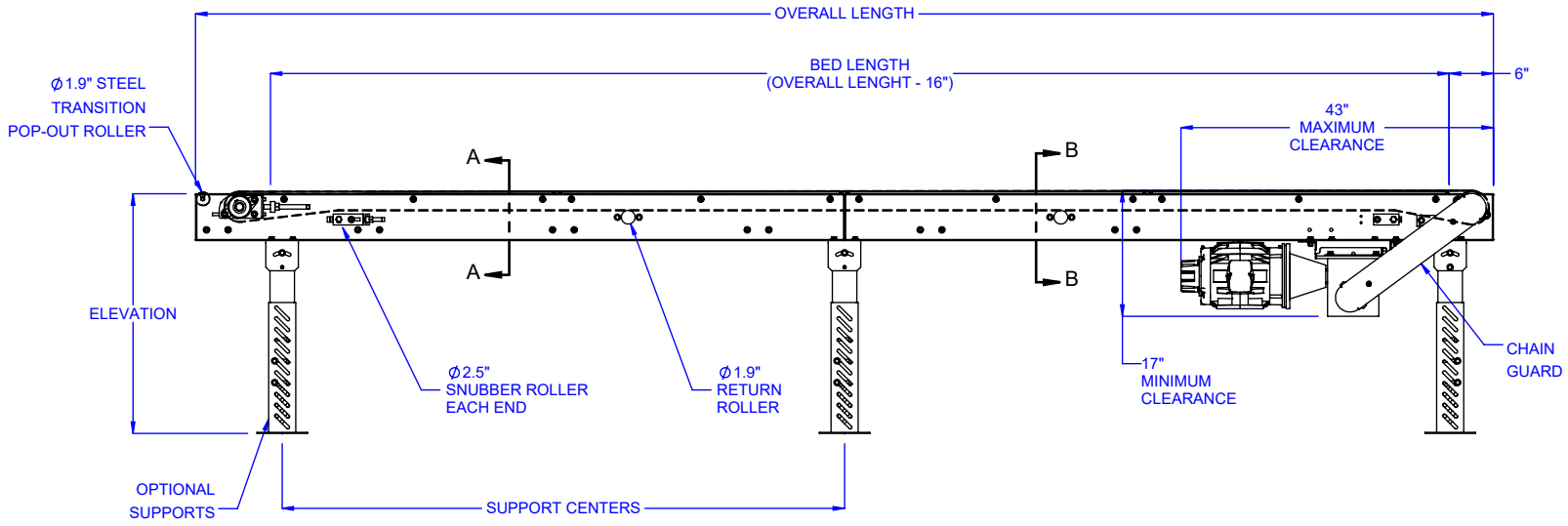
- Blue (RAL 5017)
- Guards are yellow (RAL 1023)
- Moving parts are bright red orange (RAL 2008).
- Optional:
  - Light Gray (RAL 7035)
  - Repose Gray (not an RAL)
  - Patina Green (RAL 6000)
  - Signal White (RAL 9003)
  - Jet Black (RAL 9005)
  - Flat Black (not an RAL)
  - Custom colors available

### Additional Options

- Conveyor Supports with or without casters
- Guardrail
- 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.
- Manufactured under ISO 9001 Quality Certified System.



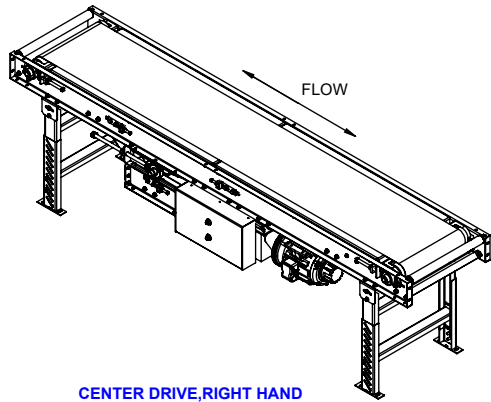
LOAD CAPACITY @ 60 FPM (LBS)								
HP	WIDTH							
	12"	18"	24"	30"	36"	42"	48"	
1/2	290	285	280	270	265	260	250	
3/4	445	440	435	425	420	410	405	
1	600	590	585	580	570	565	560	
1 1/2	905	895	890	885	880	870	865	
2	1210	1205	1200	1190	1185	1175	1170	
LOAD CAPACITY @ 30 FPM (LBS)								
HP	WIDTH							
	12"	18"	24"	30"	36"	42"	48"	
1/2	600	590	585	580	575	570	560	
3/4	905	900	895	890	880	875	870	
1	1210	1205	1200	1195	1185	1180	1175	
1 1/2	-	1815	1810	1805	1800	1790	1785	
2	-	-	2425	2420	2410	2405	2400	

MAXIMUM LOAD PER LINEAR FOOT OF CONVEYOR IS 100 POUNDS - NOT TO EXCEED CAPACITY ABOVE

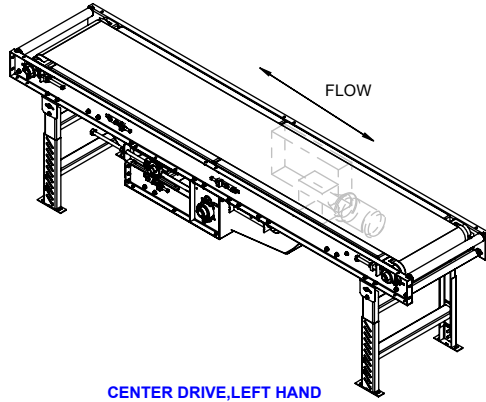
**MODEL:** MDCS  
**DESCRIPTION:** MEDIUM DUTY CHANNEL SLIDER BED BELT CONVEYOR

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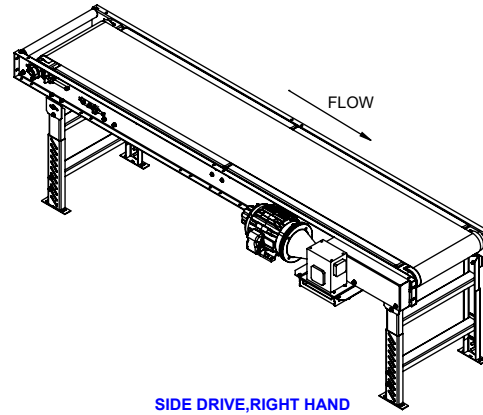




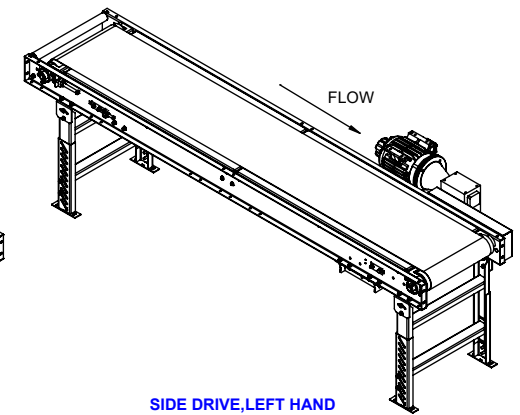
CENTER DRIVE,RIGHT HAND



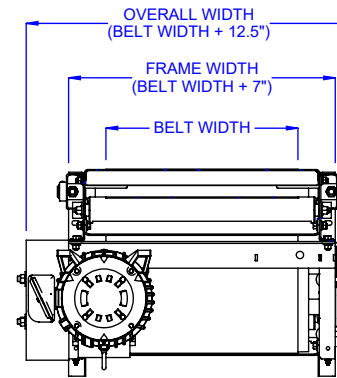
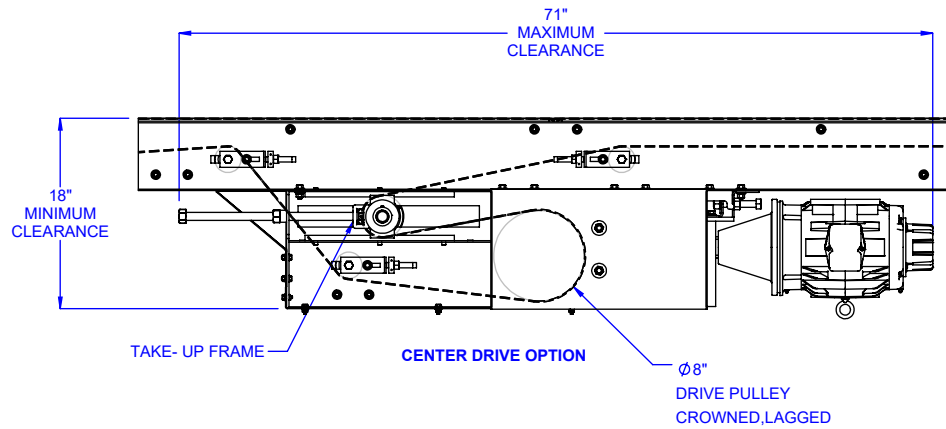
CENTER DRIVE,LEFT HAND



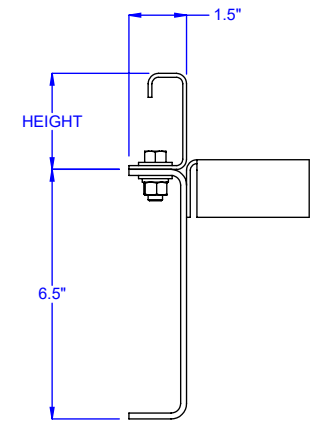
SIDE DRIVE,RIGHT HAND



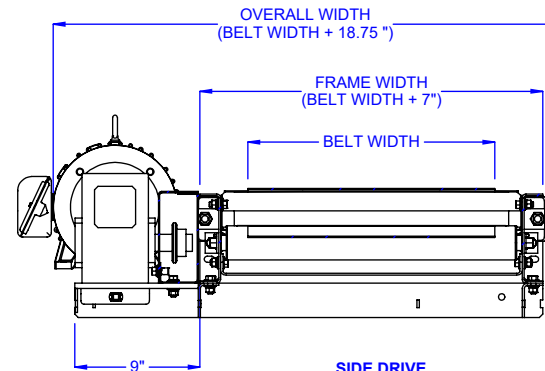
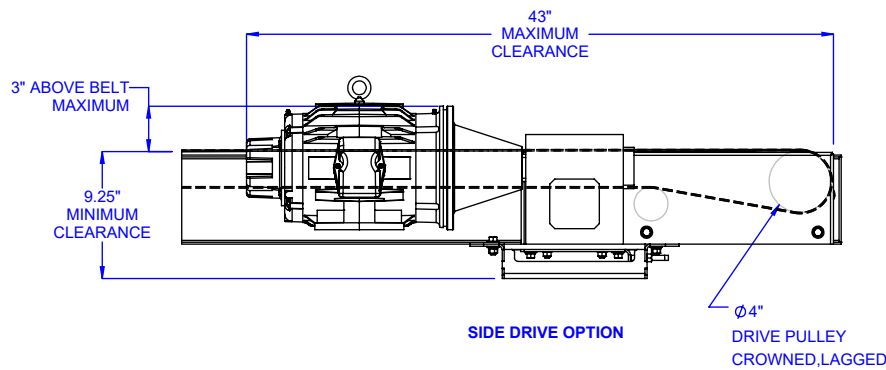
SIDE DRIVE,LEFT HAND



CENTER DRIVE END VIEW



OPTIONAL GUARDRAIL



SIDE DRIVE END VIEW

MODEL: MDCS

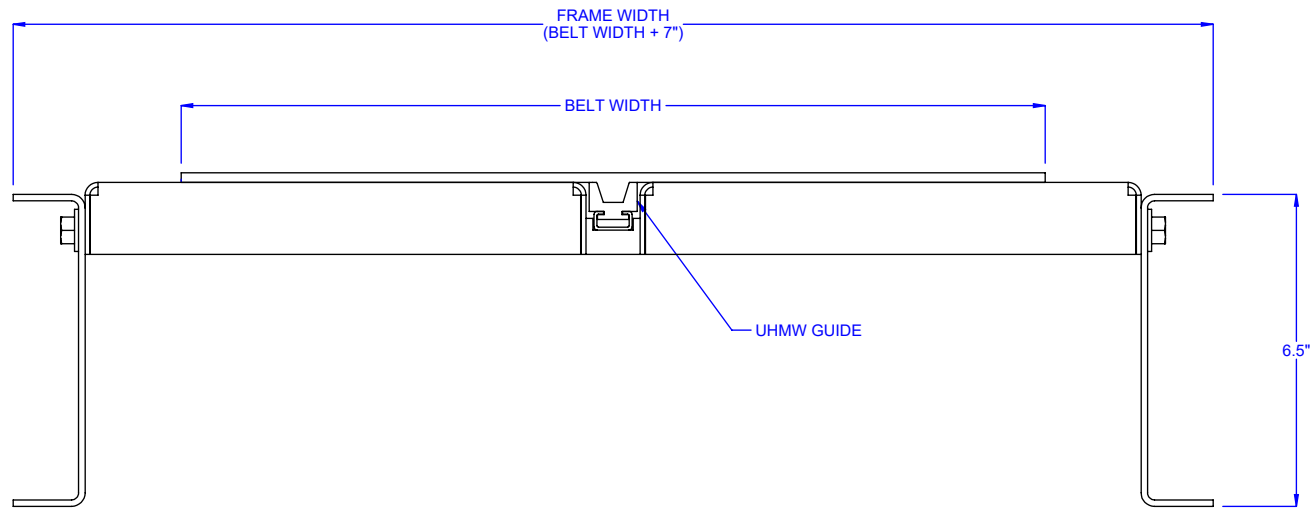
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**OPTIONAL V-GUIDED CONSTRUCTION**  
 (NOTE: PULLEYS ARE GROOVED TO ACCOMMODATE THE V-BELT)

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