



Mill Duty Trolley Selector Guide

1. Select Type of Component

- 4-Intermediate Trolley
- 5-Tow Trolley
- 6-Cable End Clamp
- 7-Cable Tow Trolley

2. Select Wheel Configuration

- H-Steel Main Wheels
- J-Steel Main Wheels with Grease Fittings
- K-Steel Main Wheels & Anti-Lift Wheels
- L-Steel Main Wheels & Anti-Lift Wheels with Grease Fittings
- M-Steel Main Wheels, Side Guide Wheels
- N-Steel Main Wheels, Side Guide with Grease Fittings
- P-Steel Main Wheels, Side Guide Wheels & Anti-Lift Wheels
- R-Steel Main Wheels, Guide Wheels & Anti-Lift Wheels with Grease Fittings
- S-Polyurethane Main Wheels, Side Guide Wheels
- T-Polyurethane Main Wheels, Side Guide Wheels with Grease Fittings
- V-Polyurethane Main Wheels, Side Guide Wheels & Anti-Lift Wheels*
- W-Polyurethane Main Wheels, Side Guide Wheels & Anti-Lift Wheels* with Grease Fittings
- Ø-No Wheels (Cable Clamp and Tow Clamp)

*-Anti-Lift Wheels are only available in steel

3. Select Saddle Configuration

- A4-4" Radius Saddle/12" Saddle Width x 1" Depth
- B4-4" Radius Saddle/16" Saddle Width x 1" Depth
- C4-4" Radius Saddle/25" Saddle Width x 1" Depth
- D4-4" Radius Saddle/12" Saddle Width x 2" Depth
- E4-4" Radius Saddle/16" Saddle Width x 2" Depth
- F4-4" Radius Saddle/25" Saddle Width x 2" Depth
- A6-6" Radius Saddle/12" Saddle Width x 1.25" Depth
- B6-6" Radius Saddle/16" Saddle Width x 1.25" Depth
- C6-6" Radius Saddle/25" Saddle Width x 1.25" Depth
- D6-6" Radius Saddle/12" Saddle Width x 2.25" Depth
- E6-6" Radius Saddle/16" Saddle Width x 2.25" Depth
- F6-6" Radius Saddle/25" Saddle Width x 2.25" Depth
- A8-8" Radius Saddle/12" Saddle Width x 1.75" Depth
- B8-8" Radius Saddle/16" Saddle Width x 1.75" Depth
- C8-8" Radius Saddle/25" Saddle Width x 1.75" Depth
- D8-8" Radius Saddle/12" Saddle Width x 2.75" Depth
- E8-8" Radius Saddle/16" Saddle Width x 2.75" Depth
- F8-8" Radius Saddle/25" Saddle Width x 2.75" Depth
- A0-10" Radius Saddle/12" Saddle Width x 2.25" Depth
- B0-10" Radius Saddle/16" Saddle Width x 2.25" Depth
- C0-10" Radius Saddle/25" Saddle Width x 2.25" Depth

4. Select Cable Clamping Method

- A-Nylon Cable Ties
- B-Bar Clamp-1 Point Clamping
- C-Bar Clamp-2 Point Clamping
- Ø-None

5. Select Lower Saddle (2nd)

- Use same identifiers as saddle selector.
NOTE: The 2nd saddle must have a 2" lower radius as the 1st upper saddle.
Select (ØØ) if lower saddle is not needed.

6. Select Cable Clamping Method (2nd)

- A-Nylon Cable Ties
- B-Bar Clamp-1 Point Clamping
- C-Bar Clamp-2 Point Clamping
- Ø-None

7. Select Lower Saddle (3rd)

- Use same identifiers as saddle selector.
NOTE: The 3rd saddle must have a 2" lower radius as the 2nd middle saddle.
Select (ØØ) if lower saddle is not needed.

8. Select Cable Clamping Method (3rd)

- A-Nylon Cable Ties
- B-Bar Clamp-1 Point Clamping
- C-Bar Clamp-2 Point Clamping
- Ø-None

9. Select I-Beam Size

- 1-S8 @ 18.4 #/Ft.
- 2-S8 @ 23.0 #/Ft.
- 3-S10 @ 25.4 #/Ft.
- 4-S10 @ 35.0 #/Ft.
- 5-S12 @ 31.8 #/Ft.
- Ø-No beam reference tow cable clamp and fixed cable clamp

10. Select Material Finish

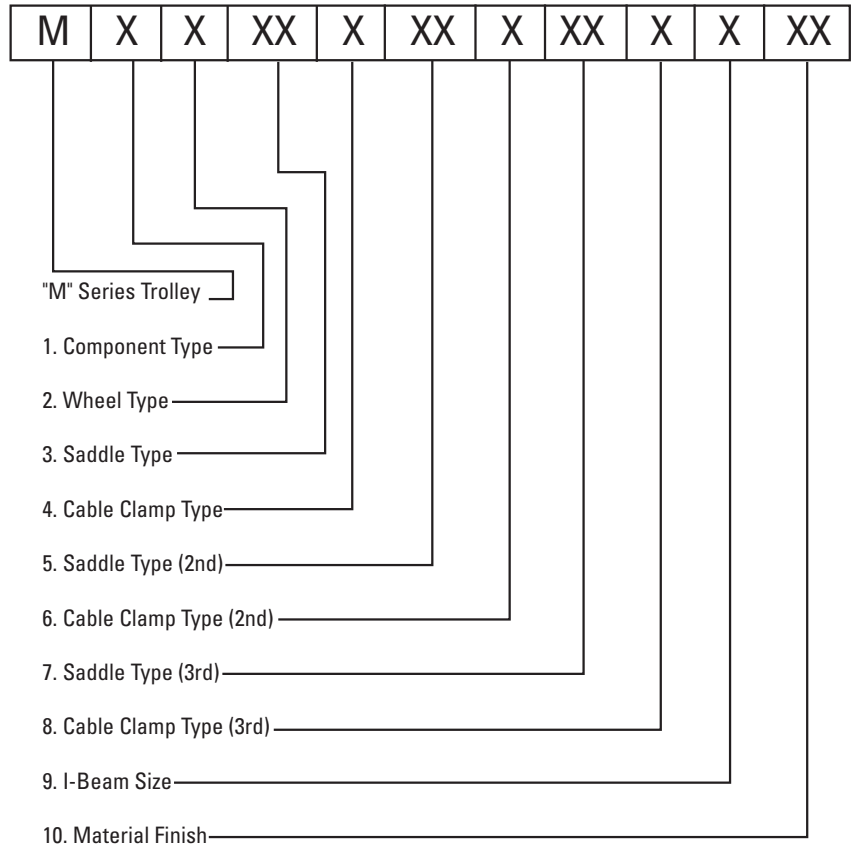
- SF-Standard finish zinc plated with gold dichromate finish.
- HD-Hot dipped galvanized finish
- SS-Stainless Steel



Example:

An intermediate trolley with steel main and side guide wheels, a 10"R x 25" x 2.25" high saddle (with 2 point bar cable clamps) and a 8"R x 16" x 1.75" high 2nd saddle (with 2 point bar cable clamps), no 3rd saddle or bar clamp, for an 12" I-Beam @ 31.8#/ft. and a standard finish. The model number would be:

M4KCØCB8CØØØ5SF



Mill Duty Trolley Options

Cable Organizers

Cable organizers are used to prevent cables from tangling.

- **Cable Tie Organizers**

Steel strips with a row of holes that can be used on the bottom of cable loops with heavy-duty nylon cable ties to cable cables organized.

- **Bulk Cable Organizers**

Steel cable clamp used on the bottom of cable loops to keep cables organized.

Consult factory for additional information.

Cable Protectors

The proper use of tow chains, tow cable and shock cords may be necessary to protect festoon cable from impact and acceleration forces. Cable protectors are recommended for systems that have more than 500lbs. of cable per trolley and are moving over 150 ft. per minute.

- **Tow Chains**

In all applications, except for marine duty, tow chains are preferred over tow cables. Tow chains hang better, do not twist and have a higher degree of elasticity, which helps to eliminate impact forces to the trolley.

- **Tow Cables**

Preferred in marine environments, tow cables have a higher degree of corrosion resistance than tow chains.

- **Shock Cords**

Shock cords act like a spring to help trolleys separate slowly and at the same time. Shock cords may be used between each trolley or just between the tow trolley and the first immediate trolley to help reduce acceleration forces.