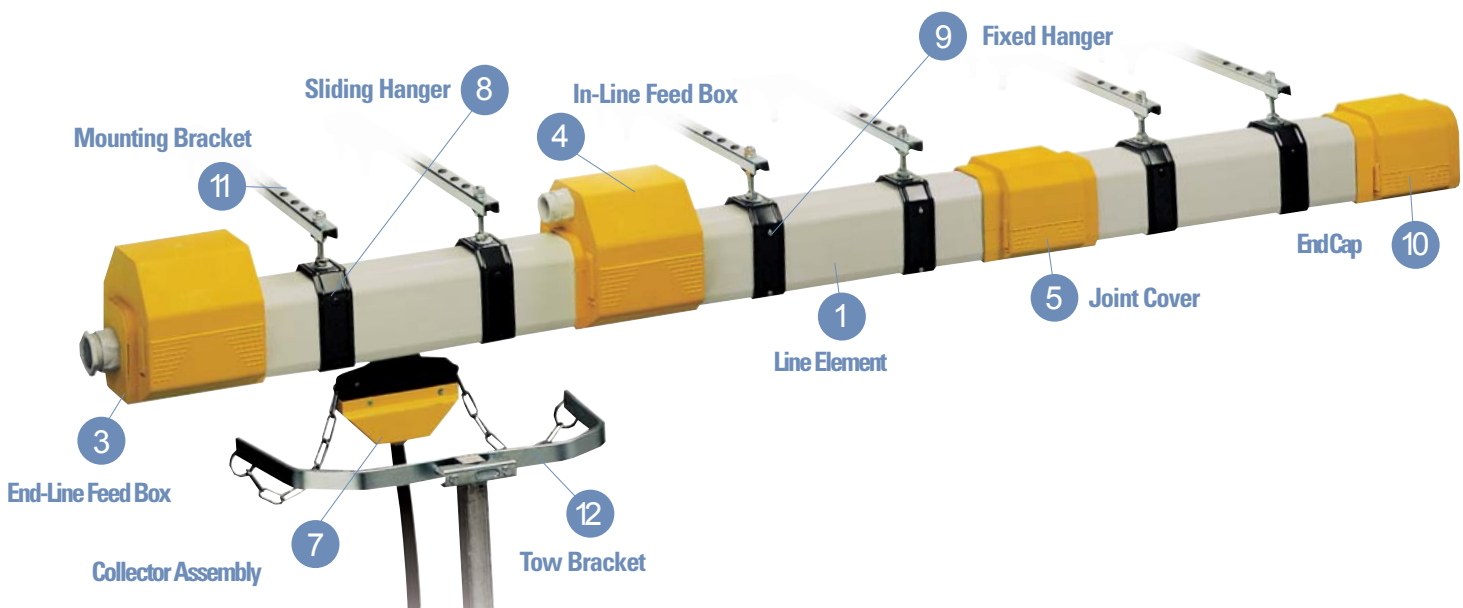


Electrobar® Elite

Conductor Bar System

Magnetek's Electromotive Systems division proudly offers ELECTROBAR® Elite, our most advanced conductor bar design.

The design is ideally suited for low headroom applications, preventing incidental contact with a power conductor bar. ELECTROBAR® Elite is also Electromotive's most versatile conductor bar, offering you more options than any other conductor bar on the market today. And you'll be happy to know ELECTROBAR® Elite's total system cost is lower because it's so easy to install and maintain.



1. **Line Element**—Four (4) conductor line elements available in 60, 100, 130 and 200 AMP Ratings.
2. **Expansion Line Element**—Expansions are needed in 60 and 100 AMP systems for longer than 494 feet (150 meters). Expansions are needed in 130 and 200 AMP systems for applications longer than 820 feet (250 meters). *Not pictured.*
3. **End line Lower Feed**—60 and 100 AMP. Feeds power to system from end of a line element run. Design allows for quick power connection with a snap together cover. Power feed section based on power feed cord diameter. *Not pictured.*
4. **In-Line Feed-Box**—60 and 100 AMP. Designed to feed power to the system along line element run. Allows for quick power connection with snap together cover. Junction box available for terminal connections.
5. **Joint Cover**—60, 100, 130 and 200 AMP. Self centering snap-on joint cover.
6. **Power Feed**—130 and 200 AMP. Pre-Fabricated power feed in a one meter line element. *Not pictured.*
7. **Four (4) Conductor Collector Assembly**—Single Collector, 40 AMP rating. Double Collector, 80 AMP Rating. Triple Collector, 120 AMP Rating.

- Collector selection based on amperage requirements.
- The collector assembly can be installed only in one orientation to the line element, insuring the ground conductor and the ground collector brush are always together.

- The brushes snap into the collector assembly which provide quick and easy replacement.
 - Collectors are provided with one (1) meter of cable as standard.
8. **Line Element Sliding Hanger**—60, 100, 130 and 200 Amp. Snaps onto line elements. One (1) required for 1 meter line elements. Two (2) required for 2 meter line elements. Two (2) required for 4 meter line elements.
 9. **Line Element Fixed Hanger**—60, 100, 130 and 200 Amp. Anchors line element to structure. Two (2) required on a system without an expansion. Four (4) required on a system with an expansion.
 10. **End Cap**—60, 100, 130 and 200 Amp. Snaps over end of a line element and includes end stop to prevent over travel of collector.
 11. **Mounting Bracket**—Galvanized flange mounting bracket with mounting clips. Galvanized web mounting bracket also available.
 12. **Tow Brackets**—
Single Collector Tow Bracket. For a single, 4-Conductor, 40 AMP Collector Assembly.

Double Collector Tow Bracket. For a Double, 4-Conductor, 80 AMP Collector Assembly.

Triple Collector Tow Bracket. For a Triple, 4-Conductor, 120 Amp Collector Assembly.

Product Benefits & Options

Electrobar® Elite

Reduced Installation Time and Cost

- Line elements connect easily by means of snap away bolts
- Line elements attach easily to snap-in hanger which mounts with one bolt to hanger bracket
- Joint covers and power feed assemblies simply snap together

Improved Safety

- Reduces potential electrical shock hazards with enclosed copper conductors that meet IP23 finger safe rating

Simple to Service and Maintain

- Minimal system maintenance
- Inexpensive collector brushes simply snap in and out of collector assemblies

Options

Inlet Gates—which allow for installation or removal of collector trolleys for maintenance.

Curved line elements—available from 28" minimum radius.

Line element covers—prevent contamination build-up on copper conductors.

High speed collector assemblies—for travel speeds exceeding 325ft/min.

Ventilated line elements—prevent condensation build-up on system.

High temperature line elements—available for 55°C to 75°C ambient operating environments.

Five conductor systems—available through 200 amp on a special order basis. Please consult factory for additional information.

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Electromotive Systems

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