

Industrial Locomotive, Battery Powered, 1 1/2” Scale



Some Items Shown are Optional at Extra Cost

A highly affordable first locomotive for someone new to the hobby. Also popular for work trains or as a less complex alternative for that junior engineer in the family. Designed to last for years with little maintenance.

- 31” Long, 13” Wide Scale Model of 1930’s Era Gas-Mechanical Industrial Locomotive
- Steel Frame and Riveted Steel Body - No Plastic - Yet Highly Detailed
- 12 Volt, Industrial Duty Motor (not surplus or converted) Operates from a Standard Deep-Cycle Battery (available locally) - Recharges With Standard Automotive Battery Charger
- Solid State Speed Control - Overload Protection - Controlled Acceleration and Positive Deceleration Under Motor Control
- Operates from a Hand Held Remote Control - Locomotive Stops if Remote is Unplugged
- Key Lock Switch Prevents Unauthorized Use
- Fused Electrical System and Reverse Polarity Protection for Maximum Safety
- Interlocked Safety Controls - Speed Control Must Be at Zero Before Starting
- Safe Mode (key activated) Requires Button to be Held Continuously
- Includes Three Mode Headlight (bright, dim, off) and Horn
- Two Stage (belt and chain) Drive to All Wheels - Maximum 8 MPH Speed Set for Safe Operation at Home While Allowing Reasonable Speed at Club Tracks
- Full Spring Suspension Follows Uneven Track - Self Aligning Ball Bearings On All Wheels
- Completely Painted
- Includes Complete Operation and Maintenance Manual

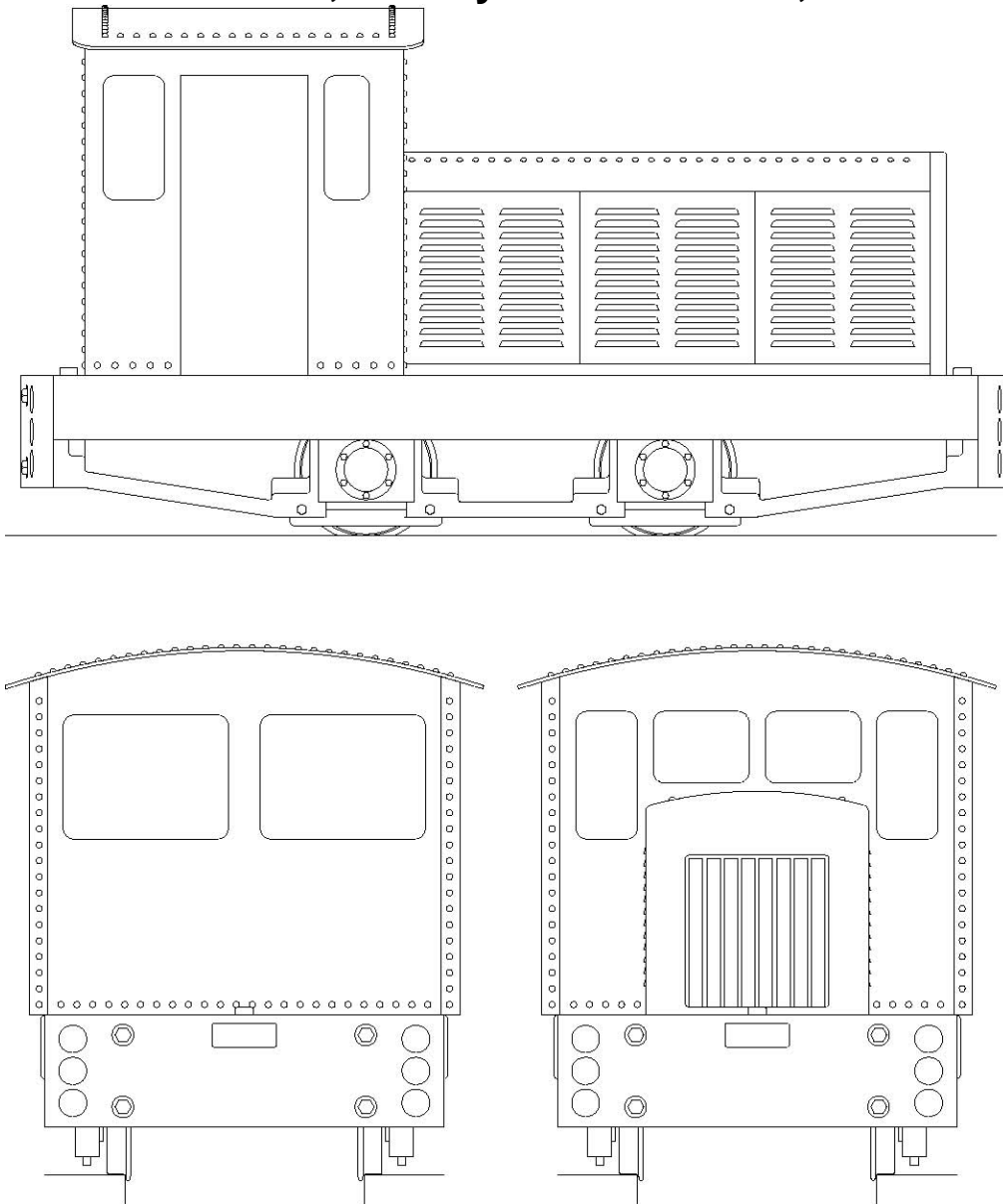
Stock Number	Description	Cost	Weight	Packing Handling
15L1	Industrial Locomotive, Battery Version, See Notes 1 and 2	\$2699.00	200	\$50.00

Notes:

1. There Are Many Alternate Choices And Options That Must Be Selected. Please Request A Special Order Form That Lists And Explains These. This Form Must Be Completed Before An Order Can Be Finalized And Shipped.

2. Some Partial Disassembly Is Required for Shipment by UPS or Postal Mail

Industrial Locomotive, Gas Hydrostatic Drive, 1 1/2" Scale



Based on the same prototype as our battery powered locomotive but now available with engine power for those who prefer this type of power

- Scale Model of 1930's Plymouth Gas-Mechanical Industrial Locomotive – Overall 31" long, 14" wide and 18" high
- Honda Commercial Duty Engine – 4 Cycle - Uses Regular Automotive Gasoline – Manual Start (electric optional) – Throttle on Rear of Cab (remote optional)
- Hydrostatic Transmission Drive – Commercial Grade Components – Provides Infinitely Variable Speeds With a Single Control Both Forward and Reverse – Dynamic Braking to Slow or Stop – Lever Control from Rear Of Locomotive (remote optional)
- Will Pull 4 Adults (1000 pounds or 2 cars) on a 3 percent Grade and Normal Curves
- Minimum Radius of Track is 10 feet

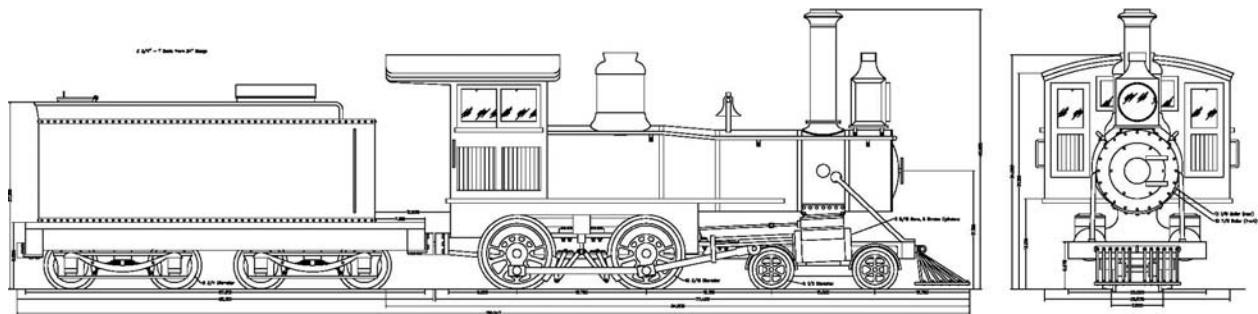
- Sealed Beam Halogen Headlight with Off, Dim, and Bright Settings - Electric Horn - Hand Held Control - Uses a Standard 12 Volt Battery (not included)
- Key Lock Switch Prevents Unauthorized Use
- Individual Chain Drive to Each Axle
- Full Spring Suspension Follows Uneven Track
- Self Aligning Ball Bearings On All Wheels
- Completely Painted in Choice of Standard Colors - Other Colors and Paint Schemes Optional
- Includes Complete Operation and Maintenance Manual

Stock Number	Description	Cost	Weight	Packing Handling
15L2	Industrial Locomotive, Gas Version, Seen Notes 1 and 2	\$3899.00	220	\$50.00

Notes:

1. There Are Many Alternate Choices And Options That Must Be Selected. Please Request A Special Order Form That Lists And Explains These. This Form Must Be Completed Before An Order Can Be Finalized And Shipped.
2. Some Partial Disassembly Is Required for Shipment by UPS or Postal Mail

4-4-0 American Style Steam Locomotive, 3 3/4" Scale



Under development for 7 1/2" or 7 1/4" gauge track. Provides the large size model desired by many persons while being simpler to operate than more modern locomotives:

- 34" high to top of cab - 40" high to top of stack
- 138" long pilot to rear of tender (84" locomotive only)
- 10 3/16" drivers, 5 1/2" pilot truck wheels
- 3 5/16" bore by 5" stroke cylinders
- 11 1/2" boiler diameter

Exact scale model from 1895 Baldwin built prototype for two foot narrow gauge. Classic American Style locomotive. Could be back dated (balloon stack and brass trim) or built as a more modern locomotive (steam driven pumps, compressors and generator). Currently planned to be offered as plans only, a completely machined and finished kit requiring only final assembly, and as a finished locomotive. Parts will be available in sections. Both coal and propane versions being designed.

2-8-4 Nickel Plate Berkshire Steam Locomotive, 1 1/2" Scale

This finely detailed model is of the Berkshire type locomotive as built for the Nickel Plate Road by the Lima Locomotive Works in 1949. These were the last steam locomotives built by Lima and were a fine example of steam locomotive design during the “super power” era.

- Complete Plans for the Entire Locomotive and Tender are Available
- All Required Castings are Available
- Design is Fully Proven by a Number of Operational Locomotives Running



Stock Number	Description	Cost	Weight	Packing Handling
15L2A	Information Package, Includes Complete Parts List, Drawing List, and References of Builders	Free	0	
15L2B	Side View Drawings of Model (3/4" = 1' scale), 2 Drawings (locomotive and tender)	\$20.00	5	
15L2C	Complete Drawing Package, Price Refunded with Parts Order	\$897.50	25	

Specifications:

- Overall Width.....16 9/16 inches
- Bore and Stroke2 3/4 x 4 1/4 inches
- Valve GearBaker, Long Lap
- ValvesPiston, 1 1/2 inch diameter
- Axle BearingsRadial Needle and Thrust
- Driver Lateral Motion.....Front 5/64 inches, Others 3/64 inches
- Minimum Track Radius40 feet
- Weight, Empty, Locomotive & Tender ...1770 pounds
- Smokebox Outside Diameter11 1/8 inches
- Fire Box, Inside.....10 1/2 x 15 5/8 inches 164 square inches

The Berkshire is one of the most accurate models ever produced. All parts have been reproduced with the highest level of accuracy possible. Careful selection of design elements have also resulted in a powerful, smooth running locomotive that is enjoyable to operate.

