UNITRACK's unique design substantially reduces the "work" of building your N-Gauge model railroad layout. The extensive product line allows more versatility in the design and construction of your layout than any other brand of roadbed track.

**N-Gauge railroad models**

N-Gauge railroad models are operated on two-rail tracks via a DC (Direct Current) system. The power pack converts the AC voltage from any house outlet into DC 0~12V to provide power for the track, charging the rails with positive (+) and negative (-) current.

**Driving Power**

Current is collected through the wheels of a motorized locomotive which turns the motor and provides rotary power via the drive shaft, moving the car.

**Speed Control**

In order to control the speed of the train, use the lever on the power pack to regulate the voltage sent through the rails (0~12V).

**Running Direction**

In order to switch the running direction of the train, utilize the reverse lever to switch the direction of current in the tracks.

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**Superelevated Curve Track**

On real railroads, banked, or "Superelevated" curves are implemented to allow trains to go around curves at faster speeds than would normally be safe, much like the banking on a racetrack or highway. Now, Kato provides the world's first easy-to-use Superelevated track. Watch as your trains lean into curves like professional skaters, snaking around your layout with jaw dropping smoothness and precision.
Joining Track Sections

As shown here, place the track on a flat surface and insert the rail tips into their respective UniJoiners, pressing them together firmly until they snap together. Once connected, they will retain a secure fit and will not loosen.

Approach Track

V11, V12, V13, V14 include curve track superelevated

The Easement curve is used to transition into the Superelevated curve pieces from regular curve or straight track. One side is Superelevated, while the other is flat. See below for how to identify the sides.

Superelevated Side

Approach track

Straight track

Flat Side

See the difference

Bottom view

Viaduct double track

Feeder Track (V11/V14) * Feeder Cables (V13) Installation

Included with each set will be a pair of power feeds that will connect your track to your Kato power pack.

Please note that the grey plug ends will connect to the track, while the white plugs will connect to your power pack.

V11, V14

Each power feed plugs into one side of the included feeder track piece.

V13

On the Viaduct double track, the special feeder plugs can be inserted into any of the straight double track pieces.
Setting the Viaduct Track (V12.V13)

Parts used for assembly
Using the following parts, assemble the viaduct track and attach the piers in proper order.

- **S-Joiner**
- **Double track pier**
- **Viaduct catenary poll base**

**Viaduct connection**

Viaduct Track with piers

Connection without piers

Connecting Viaduct 22.50 curve, notch S-Joiner (tab up) under each track and connect two viaduct tracks

To connect, snap S-Joiner (tab down) in the middle of viaduct, press the two tracks firmly together while holding them horizontally and gently connect into the pier

**Please read about Approach Track before connecting Viaduct Curve Track**

**Setting the piers**

Place the pier with Viaduct catenary pole base and Truss Bridge in order as shown.

- Incline Double Track Straight
- A1
- A2
- A3
- A4

Please set the pier A2, A3, and A4 so inclining gradually

**Setting Viaduct Double Track and Truss Bridge**

Attach the S-joinee into the middle of piers

Clearance the height for running train under the viaduct track

**Double Track Truss Bridge**

V12 comes with Truss-end cover L and R plus Truss connector. The Truss Connector allows you to connect additional bridges without interruption. If additional bridges are not used, simply insert the Truss-end covers into the bridge end holes.
Connecting the Power Pack, each sold separately (V11.V13.V14)

Connecting various cables
Insert the power supply connector to the jack and the power supply adapter to the wall outlet. Pilot lamp glows green when powered.

Set the position of the Speed controller to "Stop" and Reverse lever to "Brake".

The white connector from the Feeder Track runs to the power pack. Using two power packs for double track, you can operate each train on individual tracks at the same time.

As the left diagram shows, Power Pack A and Power Pack B can be used to control each powered train on each track.

Please refer the instruction sheet in Power Pack or Starter Guide book in the Starter Set.

Running a motorized car

Rerailing a train car
Put the rerailer on the track and place the car you wish to rerail on top of it, gently pushing it onto the track.

Running a motorized car

1. The closer to "full speed" you turn the speed control lever, the faster the train will accelerate. The green colored region on the side of the lever indicates the optimum levels of power for safe operation. Take care to watch the train carefully and provide it with an appropriate level of power.

2. Place your locomotive or other motorized car on the track, turn the reverse lever on the controller to either forward or backward, and turn the speed control lever to start the train running.

Use two Power Packs and enjoy operating two trains side by side in either direction.

Maintenance of Track and Train Cars - Following these directions can prevent most common problems from occurring

Track
Before and after running your trains, gently polish the upper part of the rail using a cloth or toothbrush with a plastic-safe track cleaner, followed by wiping it off with a dry cloth.

Locomotive
If the wheels of your locomotive are dirty, clean them off using a cloth or toothbrush with a plastic-safe track cleaner, followed by wiping it off with a dry cloth.
The Kato UNITRACK Master (M) and Variation (V) sets are the ultimate expansion track sets, perfect for beginners who are looking to get started in the hobby, while also providing complex structures for those seeking to create more complex and advanced layouts! Starting with the base Master Set, you can expand to create any layout you desire by adding as many Variation sets or individual UNITRACK pieces as you like! Each Variation set box contains a complete layout landmark, whether it's a staging yard, a passing siding, or a flyover viaduct bridge.

You can create and expand realistic model train layouts using Master and Variation set series.
This is the introduction of N-Gauge Starter Sets and Basic Track Sets M1 and M2. Make sure your set contents are complete.

Great for Beginners!

Good for those with existing trains

The included 315mm (12 3/8") radius curved track will run any Kato train smoothly so you don't have to worry about minimum radii.

Adding the separately sold V series track sets on this standard set M1 can expand the track plan very easily.

The included power pack can control even long trains equipped with power-hungry light kits and accessories.

Track Plan

N-Gauge Starter Set
M1 Basic Oval Track Set

Track Plan Exterior Dimensions:
1337 mm (4.4 feet) x 677 mm (2.2 feet)

This set will make a Basic Oval layout with R315 mm (12 3/8") radius Curves.

Contents of the Set

- Curved Track R315-45 (2.3 feet) (8 pcs.)
- Curved Track R315-45 (12 3/8") (8 pcs.)
- Straight Track 348 mm (11 3/4") (2 pcs.)
- Remote Crossing Track 124 mm (8 1/8") (1 pc.)
- Straight Track 124 mm (8 1/8") (5 pcs.)
- "Power Pack" (1 pcs.)

Excluding locomotives and cars, the track contents of both the N-Gauge starter set and basic M1 set are identical.
Set includes both Track and Power Pack. Enjoy running your trains on UNITRACK!

This is the introduction of N-Gauge Starter Sets and Basic Track Sets M1 and M2. Make sure your set contents are complete.

Good for those with existing trains

The M2 set is an M1 plus Y1 passing siding set. Add a station or use the siding for overtaking and passing. By adding separately sold V Series track sets, the basic track plan can be easily expanded. The included power pack can control even long trains equipped with light kits and accessories.

Track plan

Track Plan Exterior Dimensions: 2019 mm (6.6 feet) x 751 mm (2.5 feet)

M2 is an upgraded set, M1 plus turnouts.

Contents of the M2 set

- Straight Track 248 mm (9 3/4") (246 (10 pcs.))
- Road Crossing Track 154 mm (6") (2 pieces)
- Curved Track R315-45 (45-degree) R315-45 (5 pieces)
- Straight Track 92 mm (3 1/2") (92 (10 pcs.)
- Feeder Track 12 mm (1.7") (500 (1 piece)
- Straight Track 124 mm (4 7/8") (2 (2 pcs.)
- Power Pack (1 piece)
- Terator 1 piece

M2 Oval Track Set with Turnouts does not include locomotive or cars.
Add your V (Variation) Sets to your basic M1 or M2 set and expand your layout!

V (Variation) Sets are made by combining separately sold track items for expansion of the basic track plan of N-Gauge starter sets or M1, M2 sets. V (Variation) Sets, as such, neither include train nor controller (each sold separately). A V (Variation) Set is an additional set for the basic set, and does not always include track items which can make an oval track. For details, please see explanation of each V set track plan.

**Add a station and enjoy trains passing and switching around each other!**

**V1 Mainline Passing Siding Set**

20-660-1

V1 Mainline Passing Siding Set

Track Plan

R17-10
3244
2411
2416
3246
R17-15

S245 (6 pcs.)
S74 (2 pcs.)
R17-15 (2 pcs.)
EP178-15L (1 pcs.)
EP178-15R (1 pcs.)

Turnout Switch (2 pcs.)

$76.00

This set, with the included Number 8 turnouts, can be used as a passing siding or as a location for an island platform train station.

**Set includes a bridge for overhead crossing.**

**V2 Single Track Viaduct Set**

20-683-1

V2 Single Track Viaduct Set

Track Plan

R315-45R
3248
S245

5248V (4 pcs.)
S124V (2 pcs.)
R315-45V (8 pcs.)
S248T (1 pcs.)

Incline Pier Set (1 set)

12-3/4" Figure Set, Station Staff $12.50

This is a Viaduct Set, including R315 mm (12 3/4") Curved Viaducts and Truss Bridge.

**STRUCTURES Recommendable Structures**

This island platform set allows a train to stop on both sides of the island platform, most suitable for use together with V1 set.

① [70-584] Island Platform Set $21.40
② [22-134] Overhead Station $10.40
UNITRACK Expansion Track Sets V3, V4 with Electric Turnouts

Add your V (Variation) Sets to your basic M1 or M2 set and expand your layout!

Use this set to lay sidetrack for rail yard!

**V3 Rail Yard Switching Track Set**

![V3 Track Plan]

- **V3** Rail Yard Switching Track Set
- This set is most suitable to make a small switch yard and train shed location.
- $125.00

Make a station or signal tower where trains pass by each other!

**V4 Switching Siding Set**

![V4 Track Plan]

- **V4** Switching Siding Set
- This Switching Siding set uses number 4 turnouts to create closely placed sidetracks for trains to exchange cars or move aside while preserving layout space.
- $95.00

**STRUCTURES** Recommendable Structures

- [29-210] Lamy Engine House (Kit) $13.29
- [168-109] Railroad Stat1 Office Building (Kit) $24.00
- [114-203] Figure Set, Railroad Workers $12.30
Expansion Track Sets V5 V6 V7

Add your V (Variation) Sets to your basic M1 or M2 set and expand your layout! These expansions let you create inner and outer ovals for your basic oval layout!

Easily set up and run parallel tracks!

- **V5 Inner Oval Track Set for Master 1 Set**
  - 20-864-1
  - $35.00

- **V6 Outer Oval Track Set for Master 1 Set**
  - 20-866-1
  - $37.00

V5 and V6 Ovals are all the same in this package, but the results of different variations will be different. V5 and V6 sets do not include a Power Pack. You will need to purchase an additional Power Pack separately for the inner or outer oval if they are not connected to the main oval (via the V7).

**V5 Track Plan Exterior Dimensions:** 1271 mm (4.2 feet) x 611 mm (2 feet)

**V6 Track Plan Exterior Dimensions:** 1403 mm (4.6 feet) x 743 mm (2.4 feet)

Set the turnouts to change track

- **V7 Double Crossover Track Set**
  - 20-886-1
  - $80.00

This Double Crossover turnout set is used to link adjacent tracks together, such as the M1 and V5 or M1 and V6.

STRUCTURES

*Recommendable Structures*

- [35-106] Turned Platform (60) $70.00
- [50 208] Rural Station (60) $47.00
Add your V (Variation) Sets to your basic M1 or M2 set and expand your layout!

Create a figure-8 track layout! V8 90-Degree Crossing Track Set

Combined with an M1 Track Set or Starter Set, the V8 can create a figure-8 shaped layout.

Create a double oval track with a 15-degree crossing! V9 15-degree Left Crossing Track Set V10 15-degree Right Crossing Track Set

V6 and V10 Sets are all the same in the contents but the direction of crossing is different.

In combination with the oval track of M1, V9 or V10 set can create an oval track plan with 15-degree crossing.

STRUCTURES Recommendable Structures

[23-418] Park and Parking Lot Set $27.00

[23-502] 5-Car Set $13.96
Enjoy running two trains through banked, Superelevated curves! V11 Double Track Set

20-870-1 V11 Superelevated Double Track Set

This set can run two trains separately through a basic double oval track plan.

This set allows two trains to run simultaneously with a two-level crossing on Superelevated curves. V12 Double Track Viaduct Set

20-871-1 Double Track Viaduct Set

Included Viaduct and Bridge pieces elevate the track to allow for two-level crossing.

A two-level crossing made with double track
UNITRACK Expansion Set (Double Track) V13 V14

Add your V (Variation) Sets to your basic M1 or M2 set and expand your layout!

Start operating trains by going around an elevated loop!

**V13 Double Track Elevated Loop Set**

- **Track Plan**
  - V13 Plan Exterior Dimensions: 1864 mm (6 feet 1 1/2 inch) x 872 mm (2 feet 10 1/2 inch)
  - WR3461/V3 (6 pcs.)
  - WR41430/B1-40V3 (6 pcs.)
  - WR41430/B2-22.5VSA (2 pcs.)
  - WR41430/B1-22.5VSR (2 pcs.)
  - Double Track Pier (16 pcs.)
  - Double Track Track Pedestrian Code (2 pcs.)

**Create an exciting aerial level layout!**

Enjoy running two trains through banked, superelevated curves!

**V14 Inside Loop Double Track Set R315/282**

- **Track Plan**
  - V14 Plan Exterior Dimensions: 1997 mm (6 feet 9/16 inch) x 1005 mm (3 feet 3/16 inch)
  - WR2444/P (6 pcs.)
  - WR2444/P (6 pcs.)
  - WR2444/P (6 pcs.)
  - WR2444/P (6 pcs.)
  - WR2444/P (6 pcs.)
  - WR2444/P (6 pcs.)
  - WR2444/P (6 pcs.)
  - WR2444/P (6 pcs.)

**TBA**

This set can run two trains separately through a basic double oval track plan.

**STRUCTURES Recommendable Structures**

- [23-431A] 4-Floor Office Building, Brick
- [23-432A] 6-Floor Office Building 1, Gray
- [23-433A] 6-Floor Office Building, Blue
- [23-434A] 6-Floor Office Building 2, Gray
- [23-435A] 6-Floor Office Building, Ivory
Expand your layout with the **KATO UNITRACK** Master and Variation sets!

**V11 + V1 × 2**  
*Add passing sidings to your superelevated double track loop!*

**V1**  
Mainline Passing Siding Set  
20-860-1 • • • • • • • $76.00  
X2 • • • • • • • • • • • • • $152.00

+  

**V11**  
Double Track Viaduct Set  
20-870-1 • • • • • • • $98.00

+  

Kato Power Pack (requires 2 units)  
22-014 • • • • • • • $65.00  
X2 • • • • • • • • • • • • • $130.00

Total US$ • • • • • • • $380.00

Layout Size: 2823mm × 1130mm (9' 3" × 3' 8 1/2"

The Double Track sets such as the V11 can be combined with Single-track V sets for more complex and exciting layouts.

**M2(M1 + V1) + V11**  
*Run a continuous passenger service while moving cars on and off the main line!*

**M2**  
Loop Track set w/Elec. Turnout+Power Pack Set  
20-851-1 • • • • • • • $180.00

+  

**V11**  
Double Track Viaduct Set  
20-870-1 • • • • • • • $98.00

+  

**Bumper A 62mm**  
20-046 • • • • • • • $6.75

+  

Kato Power Pack (requires 2 units)  
22-014 • • • • • • • $65.00

Total US$ • • • • • • • $349.75

**One-sided Flag Stop Platform**  
23-121  
(requires 3 units)

**Overhead Transit Station**  
23-122  
(requires 2 units)

Overhead Transit Station Expansion Set  
23-123

Layout Size: 2279mm × 1130mm (7' 6" × 3' 8 1/2"

The addition of structures can enhance your layout design and greatly improve realism.
M1 + V5 + V11

Use an Island platform to simulate a combined commuter and express operations!

M1  Basic Oval Track Set
     w/Kato Power Pack Set
     20-850-1 ⋅ ⋅ ⋅ ⋅ $100.00

+ V5  Inner Oval Track Set
      20-864-1 ⋅ ⋅ ⋅ ⋅ $35.00

+ V11 Double Track Viaduct Set
    20-870-1 ⋅ ⋅ ⋅ ⋅ $98.00

+ Kato Power Pack (requires 2 units)
    22-014 ⋅ ⋅ ⋅ ⋅ ⋅ $65.00

Total US$ ⋅ ⋅ ⋅ ⋅ ⋅ $298.00

Island Flag Stop Platform
23-120

Overhead Transit Station
23-122

Overhead Transit Station Expansion Set
23-123

Layout Size: 3064mm × 1467mm (10' 1/2" × 4' 10")

M2 (M1 + V1) + V6 + V12

Add a waiting area to your superelevated double track viaduct system!

M2  Loop Track set w/Elec.
     Turnout+Power Pack Set
     20-851-1 ⋅ ⋅ ⋅ ⋅ $180.00

+ V6  Outer Oval Track Set
      20-865-1 ⋅ ⋅ ⋅ ⋅ $37.00

+ V12 Double Track Viaduct Set
    20-871-1 ⋅ ⋅ ⋅ ⋅ $189.00

+ Bumper A 62mm
    20-046 ⋅ ⋅ ⋅ ⋅ ⋅ ⋅ $6.75

+ Kato Power Pack (requires 2 units)
    22-014 ⋅ ⋅ ⋅ ⋅ ⋅ ⋅ $65.00

Total US$ ⋅ ⋅ ⋅ ⋅ ⋅ $477.75

Island Flag Stop Platform
23-120

Overhead Transit Station
23-122

Layout Size: 3091mm × 1407mm (10' 2" × 4' 7 1/2")
Create a superelevated flyover in a compact space!

**V11**
Double Track Viaduct Set
20-870-1 ·········· $98.00

**V12**
Double Track Viaduct Set
20-871-1 ·········· $189.00

Kato Power Pack (requires 2 units)
22-014 ·········· $65.00
x2 ·········· $130.00

Total US$ ·········· $417.00

One-sided Flag Stop Platform
23-121
(requires 2 units)

Overhead Transit Station
23-122

Overhead Transit Station Expansion Set
23-123

Layout Size: 2611mm × 1669mm (8' 7" x 5' 6")

Superelevated curves and flyovers provide endless enjoyment!

**V11**
Double Track Viaduct Set
20-870-1 ·········· $98.00

**V12**
Double Track Viaduct Set
20-871-1 ·········· $189.00

Kato Power Pack (requires 2 units)
22-014 ·········· $65.00
x2 ·········· $130.00

Total US$ ·········· $417.00

Layout Size: 3074mm × 2112mm (10' 1" x 6' 11")
**M1 + V1 + V12 + V13**

Add a passing siding to your high-speed crossover layout

- **M1** Basic Oval Track Set w/Kato Power Pack Set
  - 20-860-1 ···· $100.00
- **V1** Mainline Passing Siding Set
  - 20-860-1 ···· $76.00
- **V12** Double Track Viaduct Set
  - 20-871-1 ···· $189.00
- **V13** Double Track Elevated Loop Set
  - 20-872-1 ···· $165.00
- Kato Power Pack (requires 2 units)
  - 22-014 ···· $65.00

Total US$· ···· $595.00

- Island Flag Stop Platform
  - 23-120
- Overhead Transit Station
  - 23-122
- Overhead Transit Station Expansion Set
  - 23-123

Layout Size: 2936mm × 1605mm (9' 7 1/2" × 5' 3")

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**V3 + V12 + V13**

Add a switching rail yard to your high-speed cross over layout

- **V3** Rail Yard Switching Track Set
  - 20-862-1 ···· $125.00
- **V12** Double Track Viaduct Set
  - 20-871-1 ···· $189.00
- **V13** Double Track Elevated Loop Set
  - 20-872-1 ···· $165.00
- Kato Power Pack (requires 2 units)
  - 22-014 ···· $65.00
  - x2 ···· $130.00

Total US$· ···· $609.00

- Island Flag Stop Platform
  - 23-120
- Overhead Transit Station
  - 23-122

Layout Size: 3183mm × 958mm (10' 5 1/2" × 3' 1 1/2")
**V12 + V13**

Run your trains at high speed through long straights!

**V12** Double Track Viaduct Set
20-871-1 ···· $189.00

**V13** Double Track Elevated Loop Set
20-872-1 ···· $165.00

**Kato Power Pack (requires 2 units)**
22-014 ······ $65.00
x2 ········ $130.00

Total US$ ······ $484.00

Layout Size: 3228mm × 1740mm (10' 7" × 5' 8 1/2"

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**V11 + V13**

Operate passenger elevated freight ground level

**V11** Double Track Viaduct Set
20-870-1 ···· $98.00

**V13** Double Track Elevated Loop Set
20-872-1 ···· $165.00

**Kato Power Pack (requires 2 units)**
22-014 ······ $65.00
x4 ······· $260.00

Total US$ ······ $523.00

One-sided Flag Stop Platform
23-121
(requires 2 units)

Overhead Transit Station
23-122

Overhead Transit Station Expansion Set
23-123

Layout Size: 2267mm × 1435mm (7' 5 1/2" × 4' 8 1/2")
**V11 + V12 + V13**

*Mix long straights with exciting curves (option 1)*

- **V11** Double Track Viaduct Set
  - 20-870-1 ······· $98.00

- **V12** Double Track Viaduct Set
  - 20-871-1 ······· $189.00

- **V13** Double Track Elevated Loop Set
  - 20-872-1 ······· $165.00

- Kato Power Pack (requires 2 units)
  - 22-014 ············· $65.00
  - x2 ················· $130.00

- Total US$············ $582.00

- One-sided Flag Stop Platform
  - 23-121
    - (requires 2 units)

- Overhead Transit Station
  - 23-122

- Overhead Transit Station Expansion Set
  - 23-123

Layout Size: 3300mm × 2012mm (10' 10" × 6' 7 1/2")

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**V11 + V12 + V13**

*Mix long straights with exciting curves (option 2)*

- **V11** Double Track Viaduct Set
  - 20-870-1 ······· $98.00

- **V12** Double Track Viaduct Set
  - 20-871-1 ······· $189.00

- **V13** Double Track Elevated Loop Set
  - 20-872-1 ······· $165.00

- Kato Power Pack (requires 2 units)
  - 22-014 ············· $65.00
  - x2 ················· $130.00

- Total US$············ $582.00

- One-sided Flag Stop Platform
  - 23-121
    - (requires 2 units)

- Overhead Transit Station
  - 23-122

- Overhead Transit Station Expansion Set
  - 23-123

Layout Size: 2337mm × 1524mm (9' 4" × 5')
**M1 + V14**

Integrate double and single track sets in your layout!

- **M1** Basic Oval Track Set w/Kato Power Pack Set
  - 20-850-1 • • • • • $100.00
  - +

- **V14** Inside loop Double Track Set R315/282
  - 20-873-1 • • • • • TBA
  - +

- Kato Power Pack (requires 2 units)
  - 22-014 • • • • • $65.00

**Island Flag Stop Platform**
- 23-120

**Overhead Transit Station**
- 23-122

Layout Size: 2330mm × 983mm (7' 10/16" × 3' 4/16")

**V11 + V14**

Create a winding two lane layout!

- **V11** Double Track Viaduct Set
  - 20-870-1 • • • • • $98.00
  - +

- **V14** Inside loop Double Track Set R315/282
  - 20-873-1 • • • • • TBA
  - +

- Kato Power Pack (requires 2 units)
  - 22-014 • • • • • $65.00
  - x2 • • • • • $130.00

**Island Flag Stop Platform**
- 23-120

**Overhead Transit Station**
- 23-122

**Overhead Transit Station Expansion Set**
- 23-123

Layout Size: 2742mm × 1560mm (9' × 5' 2/16")
V1 × 2 + V14

Add single track to create way stations for your trains!

V1
Mainline Passing Siding Set
20-860-1 • • • • • • • $76.00
×2 • • • • • • • • • • • $162.00

+ V14
Inside loop Double Track Set R315/282
20-873-1 • • • • • • • • TBA

+ Kato Power Pack (requires 2 units)
22-014 • • • • • • • • $65.00
×2 • • • • • • • • • • • $130.00

Island Flag Stop Platform
23-120
(requires 2 units)
Overhead Transit Station
23-122
Overhead Transit Station Expansion Set
23-123

Layout Size: 2267mm × 1093mm (7' 7/16" × 3' 9/16")

V12 + V14

Soar to new heights with an added viaduct and bridge!

V12
Double Track Viaduct Set
20-871-1 • • • • • • • • $189.00

+ V14
Inside loop Double Track Set R315/282
20-873-1 • • • • • • • • TBA

+ Kato Power Pack (requires 2 units)
22-014 • • • • • • • • $65.00
×2 • • • • • • • • • • • $130.00

One-sided Flag Stop Platform
23-121
(requires 2 units)
Overhead Transit Station
23-122
Overhead Transit Station Expansion Set
23-123

Layout Size: 2512mm × 1819mm (8' 4/16" × 6')
Troubleshooting

Is the cable from the power supply properly plugged in?
Insert power supply prongs into wall outlet, and insert cord plug into socket on back of power pack.

Is the pilot lamp on the power pack controller lit?
An unlit lamp on power pack may indicate a short circuit. Set direction control to stops position. Turn throttle to minimum position. Press reset button on back of power pack controller.

Is the cable from the feeder track properly plugged in?
Insert small grey plug into underside of feeder track. Insert large white plug into back side of power pack.

Are the track sections securely connected to each other?
Please check to make sure that all of the track connections are secure.

Is the surface of the track clean?
Before and after running your trains, remove any dirt or debris from the upper part of the rail using a cloth or toothbrush with a plastic-safe track cleaner.

Are the wheels of the locomotive clean?
Before and after running your trains, please gently remove dirt from the wheels of the locomotive using a cloth or toothbrush with a plastic-safe track cleaner.

Do not switch the direction of Train movement while a train is in motion. It may cause damage to the locomotive.
Do not run your trains at high speeds for extended periods of time, as it may cause damage to your locomotive.
Please do not scrub or clean your track with water. This may cause corrosion in electrical circuits.
Please use only cloth or brushes to clean your track or wheels. Use of sandpaper can cause irreparable damage.
In the event that your problems persist even after the above inspection and examination steps, please return it to the retailer where you purchased it for repair.
Description of letters and numbers

1. The first letter indicates the type of Unitrack. WS means double straight track.
2. Numbers indicate length and/or radius of Unitrack.
3. The last letter indicates direction and characteristic of Unitrack.

Example
"S62F means 62mm Straight with Feeder track"

More Structures

23-406 Mama’s Restaurant
23-407 Denny’s® Classic Diner
23-458 Local Bank Building
23-459 City Hall

You can find more information on Kato Products and Additional Track Plans: www.katousa.com

Kato Web Site
http://www.katousa.com

* Recommended 8 years and older.
* Maximum DC12V
* Prices subject to change.