KATO
PRECISION RAILROAD MODELS

UNITRACK

Track Catalogue

N Scale
HO Scale
OO-9

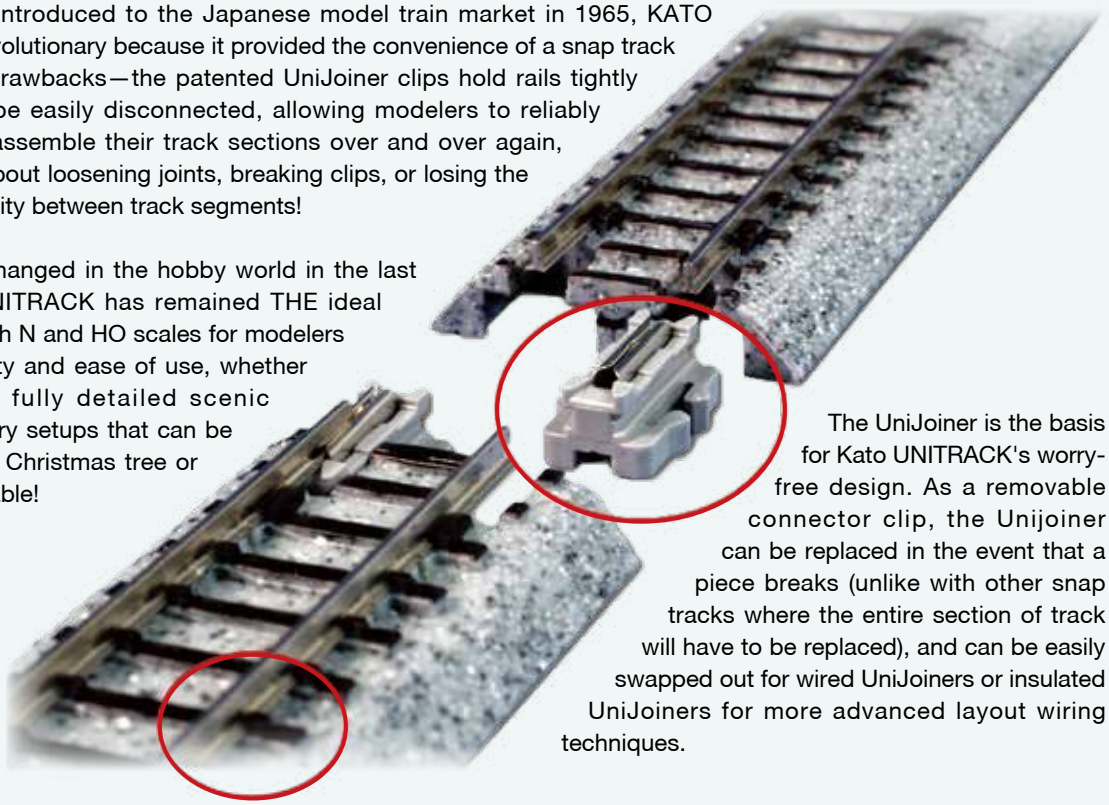


The UNITRACK Advantage

Why Kato UNITRACK is ideal for building both permanent and temporary layouts

When it was first introduced to the Japanese model train market in 1965, KATO UNITRACK was revolutionary because it provided the convenience of a snap track with none of the drawbacks—the patented UniJoiner clips hold rails tightly together but can be easily disconnected, allowing modelers to reliably assemble and disassemble their track sections over and over again, without worrying about loosening joints, breaking clips, or losing the electrical conductivity between track segments!

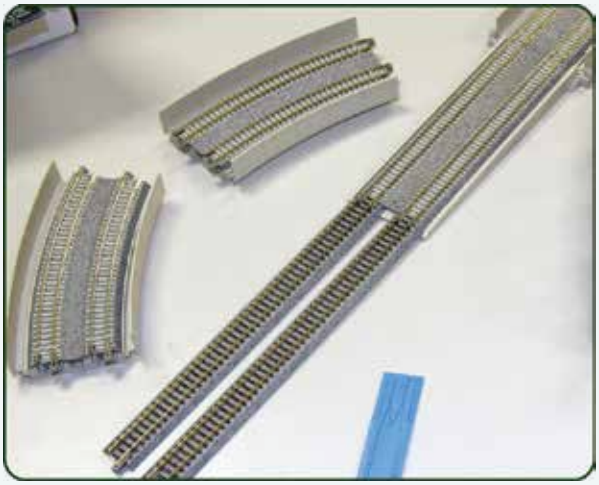
While much has changed in the hobby world in the last decades, Kato UNITRACK has remained THE ideal track system in both N and HO scales for modelers looking for reliability and ease of use, whether you are building fully detailed scenic layouts or temporary setups that can be operated around a Christmas tree or on a dining room table!



The UniJoiner is the basis for Kato UNITRACK's worry-free design. As a removable connector clip, the Unijoiner can be replaced in the event that a piece breaks (unlike with other snap tracks where the entire section of track will have to be replaced), and can be easily swapped out for wired UniJoiners or insulated UniJoiners for more advanced layout wiring techniques.

Elegant in design and function

Kato UNITRACK uses a special alloy of nickel silver to prevent tarnishing and reduces the frequency of cleaning that is required. If you are an occasional modeler who only takes out the train set on holidays, that means you won't need to worry about your rails rusting away in the package! Likewise, if you operate your trains on a daily basis, you'll have to clean your track less often and have fewer instances of lost conductivity!



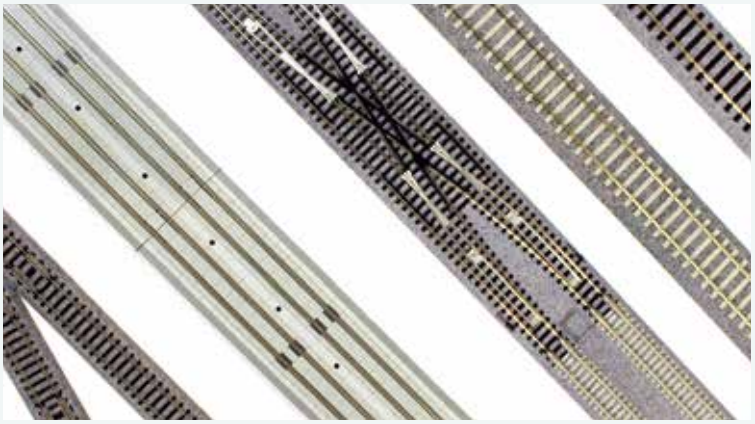
Why UNITRACK is enjoyed worldwide

- Thanks to UniJoiners, the connection and energy flow between the tracks is firmly secured.
- UniJoiners can be removed and exchanged for new ones.
- UniJoiners can be exchanged for insulated UniJoiners.
- UniJoiners can be used for both N scale and HO scale.
- UniJoiners can also be used for other companies' TT scale and HOn3 scale tracks.
- By removing UniJoiners, you can easily connect UNITRACK to flexible tracks.
- UNITRACK can be used with both DC and DCC.
- UNITRACK can conduct 36VA (12V x 3A).
- UNITRACK has a wide roadbed for stability.
- UNITRACK looks great with point machines and feeder wires hidden away.
- UNITRACK offers endless possibilities for creating layouts, including expanding on them through individually available UNITRACK items.
- With radii from R117 to R718, UNITRACK fits in spaces of any size.
- Reliable production in Japan.

The UNITRACK Advantage

Why Kato UNITRACK is ideal for building both your permanent and temporary layouts

Wide variety for any layout



One of the biggest benefits of using Kato UNITRACK is the variety of track styles to choose from - There are various types of single and double tracks including viaduct and pier sections for running elevated trains and even street tracks, complete with compatible road sections and pre-built structures for making city scenes!

All Kato UNITRACK components are contemptible within the same scale meaning it's a "snap" to link up single track pieces to double track pieces, to elevated viaduct pieces, or even between the new street track sections. Your only limit is your imagination!

Perfect for any skill level



Whether it's being used for a quick build that can be assembled and disassembled in minutes or carefully being weathered and built into a permanent, decorated layout, Kato UNITRACK benefits from a tried-and-true design that reduces necessary maintenance and allows for easy and reliable assembly, so that no matter how skilled you are, using Kato UNITRACK in your layout means you and your family can spend more time actually operating trains—not troubleshooting connection issues or cleaning rails.Thanks to superelevated curve tracks you can effortlessly experience how your models corner curves just like in real life.







KATO Starter Set

The perfect introduction to N scale

Get started with the Starter set!

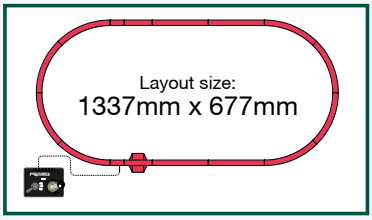
Introduce yourself to the wonderful world of N scale modeling with one of Kato's N Scale Starter Sets! Each set includes one locomotive and a consist of freight or passenger cars. Packaged along with a full oval of Kato UNITRACK and a Power Pack, these sets are easily upgraded with additional cars or track - Let your imagination run free and expand your model railroad empire with KATO UNITRACK.



My First N Scale

Ready right out of the box!

Here at Kato we have assembled all the items necessary to get started with N scale in our handy "Starter Sets". This is because they include a train, tracks, and a Power Pack, so you can begin right away!



Starter Set Contents:

- Instruction Booklet / Starter Guide
- Storage Tray for additional locomotives, cars, and accessories
- 4x 248mm (9 3/4") Straight Track
- 1x 124mm (4 7/8") Straight Track
- 1x 124mm (4 7/8") Road Crossing
- 1x 62mm (2 7/16") Straight Track
- 1x 62mm (27/16") Electrical Feeder Track
- 8x 315mm (12 3/8") Radius 45° Curve Track
- 1x crossing accessories
- 1x Power Pack SX •1x Feeder Cable
- 1x AC Adaptor - 12V (N Scale)
- 1x Rerailer / UniJoiner Remover



Tracks

The tracks are UNITRACK, which is easy to use, even for beginners. Enough track is included to create an oval loop on which you can let your train run endlessly.

Trains

Includes a locomotive with freight or passenger cars.

Power Pack

A device that converts 120V AC, which you get at home, to 0-12V DC to control the speed and direction of your train on the tracks.

Starter Set Lineup



■ Kato N Scale Passenger Starter Sets

Item No.	Item Name	Price
106-0018	Santa Fe Super Chief N Scale Starter Set	$330.00
106-0031	MP36PH + Bi-Level Chicago Metra	$330.00
106-0032	Starter Set F40PH + Bi-Level Chicago Metra Starter Set	$310.00
106-0037	F40PH Gallery Bi-Level Car Starter Set - New Metra Paint	$350.00
106-0041	Silver Streak Zephyr Starter Set	$350.00
106-0047	ALC-42 Phase VII, Amtrak Viewliner II Starter Set	$360.00
106-0048	SC-44, Amtrak Pacific Surfliner Starter Set	$330.00
106-0049	F7A, Freight Train Starter Set AT&SF	$350.00
106-0050	F7A, Freight Train Starter Set Union Pacific	$350.00
106-0051	F7A, Freight Train Starter Set AT&SF Bluebonnet	$350.00

KATO Starter Set

The perfect introduction to N scale



Kato N Scale Modern Freight Starter Sets

Item No.	Item Name	Price
106-0020	ES44AC Mixed Freight Starter Set- Canadian National	$290.00
106-0021	ES40DC Mixed Freight Starter Set- CSX "Boxcar	$290.00
106-0022	ES44AC Mixed Freight Starter Set- Canadian Pacific	$290.00
106-0023	ES44AC Mixed Freight Starter Set- Union Pacific	$290.00
106-0024	ES44AC Mixed Freight Starter Set - BNSF "Swoosh"	$290.00
106-0026	ES44C4 Mixed Feight Starter Set – Florida East Coast	$290.00
106-0027	ES44AC Mixed Freight Starter Set - CPKC	$290.00

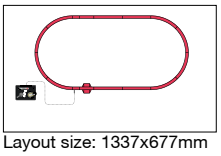
Contains an ES44AC "Gevo" locomotive and mixed freight set with hoppers, gondolas, and tank cars.

All aboard with your Original Starter Set!

Get started with the Master Set M1 or M2 + your favourite train!

20-852
M1 Basic Oval Track Set 20 pcs





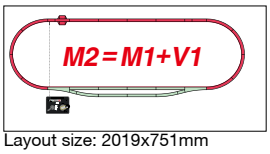
Layout size: 1337x677mm

M1 Set Contents:
- Instruction Booklet / Starter Guide
- 4x Straight Track 9 3/4"
- 1x Straight Track 4 7/8"
- 1x Rerailer Track 4 7/8" (Road Crossing)
- 1x Straight Track 2 7/16"
- 1x Feeder Track 2 7/16"
- 8x Curved Track R12 3/8"-45°
- 1x Power Pack Standard SX
- 1x Feeder Cable
- 1x KATO Power Supply 12V
- 1x Rerailer/UniJoiner Remover

or

20-853
M2 Basic Oval Track and Passing Track Set 34 pcs





Layout size: 2019x751mm

M2 Set Contents:
- Instruction Booklet / Starter Guide
- 8x Straight Track 9 3/4"
- 1x Straight Track 4 7/8"
- 1x Rerailer Track 4 7/8" (Road Crossing)
- 2x Straight Track 2 1/2"
- 1x Straight Track 2 7/16"
- 1x Feeder Track 2 7/16"
- 8x Curved Track R12 3/8"-45°
- 2x Curved Track R28 1/4"-15°
- 1x Electric Turnout #6, Left R718-15° (R28 1/4"-15°)
- 1x Electric Turnout #6, Right R718-15° (R28 1/4"-15°)
- 2x Turnout Control Switch
- 1x Power Pack Standard SX
- 1x Feeder Cable
- 1x KATO Power Supply 12V
- 1x Rerailer/UniJoiner Remover

+



If you like the idea of our Starter Sets but would rather use your own favorite train, then the train + Master Set combo is for you! The M1 set includes tracks for an oval loop and a Power Pack, just like the Starter Sets. The M2 set is made from M1 and V1, which means it also includes tracks and turnouts for a passing siding.

Master Set Lineup





Kato N Scale Master Sets

Item No.	Item Name	Price
20-852	M1 Basic Oval Track Set 20 pcs	$120.00
20-853	M2 Basic Oval Track and Passing Track Set 34 pcs	$240.00
20-854	M1-PC Basic Oval Track Set 20 pcs	$120.00
20-855	M2-PC Basic Oval Track and Passing Track Set 34 pcs	$240.00

N UNITRACK V Series Track Sets

First Expansion

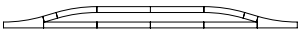
V Series Sets can make expansion easy & simple from the Starter Sets & Master Track Sets. First Expansion In the V Set line, there are many expandable plans such as sidings, viaducts and additional ovals.

V1 Mainline Passing Siding Set



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

- 4x Straight Track 9 3/4"
- 2x Straight Track 2 1/2"
- 2x Curved Track R28 1/4"-15°
- 1x Electric Turnout #6, Left R718-15° (R28 1/4"-15°)
- 1x Electric Turnout #6, Right R718-15° (R28 1/4"-15°)
- 2x Turnout Control Switch



1364mm x 91mm

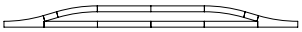
20-860	V1 Mainline Passing Sliding Set 14 pcs $100.00

V1-PC Mainline Passing Siding Set



Add a station and enjoy trains passing on concrete ties!

- 4x Straight Track 9 3/4"
- 2x Straight Track 2 1/2"
- 2x Curved Track R28 1/4"-15°
- 1x Electric Turnout #6, Left R718-15° (R28 1/4"-15°)
- 1x Electric Turnout #6, Right R718-15° (R28 1/4"-15°)
- 2x Turnout Control Switch



1364mm x 91mm

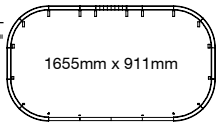
20-881	V1-PC Mainline Passing Siding Set $100.00

V2 Single Track Viaduct Set



Set includes a bridge for an overhead crossing.

- 4x Straight Track 9 3/4"
- 4x Single Track Straight Viaduct Track 9 3/4"
- 2x Single Track Straight Viaduct Track 4 7/8"
- 8x Single Track Curved Viaduct R12 3/8"-45°
- 1x Incline Pier Set 15-50mm (1/2" to 2")
- 5x Pier 50mm (2")



1655mm x 911mm

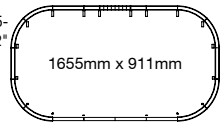
20-861	Single Track Viaduct Set 18 pcs $120.00

V2-PC Single Track Viaduct Set



Set includes concrete viaduct and a bridge for overhead crossing.

- 4x Straight Track 9 3/4"
- 4x Single Track Straight Viaduct Track 9 3/4"
- 2x Single Track Straight Viaduct Track 4 7/8"
- 8x Single Track Curved Viaduct R12 3/8"-45°
- 1x Incline Pier Set 15-50mm (1/2" to 2")
- 5x Pier 50mm (2")



1655mm x 911mm

20-882	V2-PC Single Track Viaduct Set $120.00

V3 Rail Yard Switching Track Set



Use this set to lay a sidetrack for a rail yard!

- 2x Electric Turnout #6, Left R718-15° (R28 1/4"-15°)
- 1x Electric Turnout #6, Right R718-15° (R28 1/4"-15°)
- 3x Turnout Control Switch
- 3x Straight Track With Bumber A 2 7/16"
- 3x Curved Track R28 1/4"-15°
- 6x Straight Track 9 3/4"
- 2x Straight Track 7 5/16"
- 2x Straight Track 2 1/2"



1571mm x 250mm

20-862	Rail Yard Switching Track Set 22 pcs $145.00

V3-PC Rail Yard Switching Track Set



Use this set to lay a concrete sidetrack for a rail yard!

- 2x Electric Turnout #6, Left R718-15° (R28 1/4"-15°)
- 1x Electric Turnout #6, Right R718-15° (R28 1/4"-15°)
- 3x Turnout Control Switch
- 3x Straight Track With Bumber A 2 7/16"
- 3x Curved Track R28 1/4"-15°
- 6x Straight Track 9 3/4"
- 2x Straight Track 7 5/16"
- 2x Straight Track 2 1/2"



1571mm x 250mm

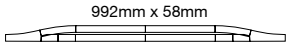
20-883	V3-PC Rail Yard Switching Track Set $145.00

V4 Switching Siding Set



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

- 4x Straight Track 9 3/4"
- 2x Straight Track 2 7/16"
- 1x Electric Turnout #4, Left R481-15° (R19"-15°)
- 1x Electric Turnout #4, Right R481-15° (R19"-15°)
- 2x Curved Track R19"-15°
- 2x Turnout Control Switch



992mm x 58mm

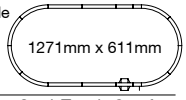
20-863	Switching Siding Set 16 pcs $120.00

V5 Inner Oval Track Set for Starter Set or Master 1 Set



An oval track set to make an inner oval for the Starter Set or M1Set. (A Power Pack is not included in this set).

- 8x Curved Track R11"-45°
- 4x Straight Track 9 3/4"
- 1x Straight Track 4 7/8"
- 1x Rerailer Track 4 7/8"
- 1x Straight Track 2 7/16"
- 1x Feeder Track 2 7/16"
- 1x Feeder cable
- 1x Rerailer



1271mm x 611mm

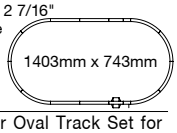
20-864	Inner Oval Track Set for Starter Set or Master 1 Set 19 pcs $60.00

V6 Outer Oval Track Set for Starter Set or Master 1 Set



An oval track set to make an outer oval for the Starter Set or M1 Set. (A Power Pack is not included in this set).

- 8x Curved Track R13 3/4"-45°
- 4x Straight Track 9 3/4"
- 1x Straight Track 4 7/8"
- 1x Rerailer Track 4 7/8"
- 1x Straight Track 2 7/16"
- 1x Feeder Track 2 7/16"
- 1x Feeder cable
- 1x Rerailer



1403mm x 743mm

20-865	Outer Oval Track Set for Starter Set or Master 1 Set 18 pcs $60.00

V7 Double Crossover Track Set



A complete set of turnouts and a diamond crossover to change trains from one track to the other from either direction.

- 1x Double Crossover Track 310mm (12 3/16")
- 2x Straight Track 9 3/4"
- 2x Straight Track 2 7/16"
- 1x Turnout Control Switch

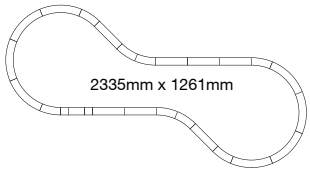


310mm x 58mm

20-866-1	Double Crossover Track Set 6 pcs $90.00

V11 Double Track Set (19"-15")

Enjoy running two trains through banked, superelevated curves!



2335mm x 1261mm



- 7x Concrete Tie Double Track 248mm (9 3/4") Straight
- 1x Concrete Tie Double Track 124mm (4 7/8") Straight
- 1x Concrete Tie Double Track 62mm (2 7/16") Straight
- 1x Concrete Tie Double Track Feeder 62mm (2 7/16") Straight
- 8x Concrete Tie Double Track Superelevated Curve 414/381mm (16 5/16"/15") 45°
- 4x Concrete Tie Double Track Superelevated Easement Curve Left 414/381mm (16 5/16"/15") 22.5°
- 4x Concrete Tie Double Track Superelevated Easement Curve Right 414/381mm (16 5/16"/15") 22.5°

20-870	Double Track Set (19"-15") 26 pcs $185.00

N UNITRACK V Series Track Sets

V12 Double Track Viaduct Set (16 5/16"/15")



- 2x Concrete Tie Double Track 7 5/16" Straight
- 2x Concrete Tie Double Track 4 7/8" Straight
- 1x Concrete Tie Double Track 2 7/16" Straight
- 1x Double Truss Bridge 9 3/4", Light Blue
- 8x Concrete Tie Double Viaduct Track Superelevated Curve R414/381mm-45° (16 5/16"/15")
- 4x Concrete Tie Double Viaduct Track Superelevated Easemenent Curve Left R414/381mm-22,5° (16 5/16"/15")
- 4x Concrete Tie Double Viaduct Track Superelevated Easemenent Curve Right R414/381mm-22,5° (16 5/16"/15")
- 2x Concrete Tie Double Viaduct Track Straight 7 5/16" Incline
- 1x Double Track Pier Set
- 3x Piers for Double Track Viaducts
- 2x Piers for Truss Bridge

This set takes double track sections from ground level to viaduct level via viaduct piers and superelevated curves. It also includes a double track truss bridge to crossover existing ground level tracks.



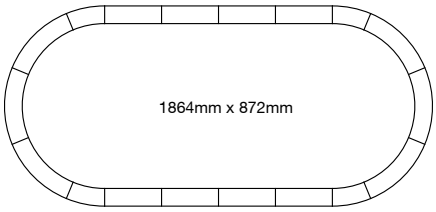
20-871	Double Track Viaduct Set (16 5/16"/15") 24 pcs $185.00

V13 Double Track Elevated Loop Set R414/381 (16 5/16"/15")



- 8x Double Track Straight Viaduct 9 3/4"
- 6x Double Track Superelevated Curve R414/381mm-45° (16 5/16"/15")
- 2x Double Track Superelevated Easement Curve Left 22.5° R414/381mm (16 5/16"/15")
- 2x Double Track Superelevated Easement Curve Right 22.5° R414/381mm (16 5/16"/15")
- 18x Double Track Pre-Cast Pier
- 2x Double Track Power Cord

Start operating trains by going around an elevated loop!



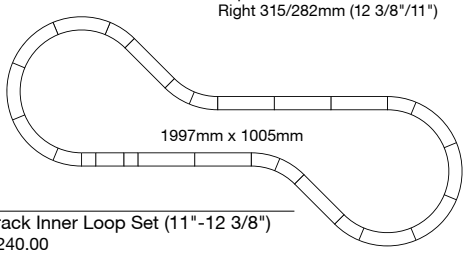
20-872	Double Track Elevated Loop Set R414/381 (16 5/16"/15") 22 pcs $240.00

V14 Double Track Inner Loop Set (11"-12 3/8")



- 7x Concrete Tie Double Track 248mm (9 3/4") Straight
- 1x Concrete Tie Double Track 124mm (4 7/8") Straight
- 1x Concrete Tie Double Track 62mm (2 7/16") Straight
- 1x Concrete Tie Double Track Dual Feeder 62mm (2 7/16") Straight
- 8x Concrete Tie Double Track Superelevated Curve 315/282mm (12 3/8"/11") 45°
- 4x Concrete Tie Double Track Superelevated Easement Curve Left 315/282mm (12 3/8"/11")
- 4x Concrete Tie Double Track Superelevated Easement Curve Right 315/282mm (12 3/8"/11")

Enjoy running two trains through banked, superelevated curves! For even more trains, place this set inside the V11 Double Track Set.



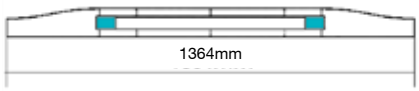
20-873	Double Track Inner Loop Set (11"-12 3/8") 26 pcs $240.00

V15 Double Track Set for Station



Use this set to build a station platform into your double track set.

- 1x Concrete Tie Double Track Widening Section Left 12 1/5"
- 1x Concrete Tie Double Track Widening Section Right 12 1/5"
- 4x Concrete Tie Straight Track 9 3/4"
- 4x Concrete Tie Straight Track 4 7/8"
- 2x Platform end Base



2x Platform end base

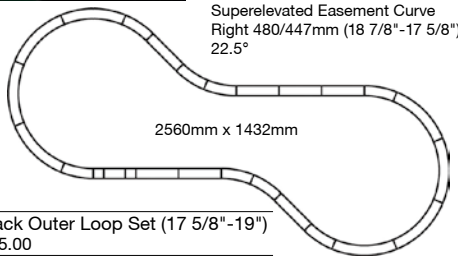
20-874	Double Track Set for Station 12 pcs $65.00

V16 Double Track Outer Loop Set (17 5/8"-19")



- 7x Concrete Tie Double Track 248mm (9 3/4") Straight
- 1x Concrete Tie Double Track 124mm (4 7/8") Straight
- 1x Concrete Tie Double Track 62mm (2 7/16") Straight
- 1x Concrete Tie Double Track Feeder 62mm (2 7/16") Straight
- 8x Concrete Tie Double Track Superelevated Curve 480/447mm (18 7/8"-17 5/8") 45°
- 4x Concrete Tie Double Track Superelevated Easement Curve Left 480/447mm (18 7/8"-17 5/8") 22.5°
- 4x Concrete Tie Double Track Superelevated Easement Curve Right 480/447mm (18 7/8"-17 5/8") 22.5°

Outside Double Loop for the V11Set.



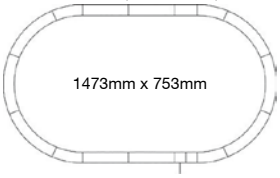
20-876	Double Track Outer Loop Set (17 5/8"-19") 26 pcs $65.00

V17 Concrete Slab Double Track Oval Set (15"-16 3 /8")



Concrete slab roadbed loop tracks can represent an urban subway scene.

- 4x Concrete Slab Double Track 248mm (9 3/4") Straight
- 1x Concrete Slab Double Track 124mm (4 7/8") Straight
- 1x Concrete Slab Double Track 62mm (2 7/16") Straight
- 1x Concrete Slab Double Track Feeder 62mm (2 7/16") Straight
- 6x Concrete Slab Double Track Superelevated Curve 414/381mm (16 5/16"/15") 45°
- 2x Concrete Slab Double Track Superelevated Easement Curve Left 414/381mm (16 5/16"/15") 22.5°
- 2x Concrete Slab Double Track Superelevated Easement Curve Right 414/381mm (16 5/16"/15") 22.5°



20-877	Concrete Slab Double Track Oval Set (15"-16 3 /8") 23 pcs $120.00

N UNITRACK Standards & Measurements

The unique design of Kato's UniJoiners makes UNITRACK extremely easy to use, with the patented design of the removable clips securely holding each segment of modular track together in a way that minimizes uneven rail heights and maximizes electrical conductivity. Whether you're setting up your track to operate in hours-long sessions before putting it all away again or permanently affixing your track to a board to decorate with scenery, Kato UNITRACK is the best way to guarantee that you'll be spending time operating trains - not maintaining your track!

Explanation of abbreviations

S62F

- The trailing letter indicates a track direction or specification.
- The number indicates the length (in mm) of a straight track, or the radius (in mm) and angle of a curved track.
- The front letter indicates the track type.

Example: The abbreviation S62F indicates a 62mm straight track with a feeder.

Explanation of the leading letters:

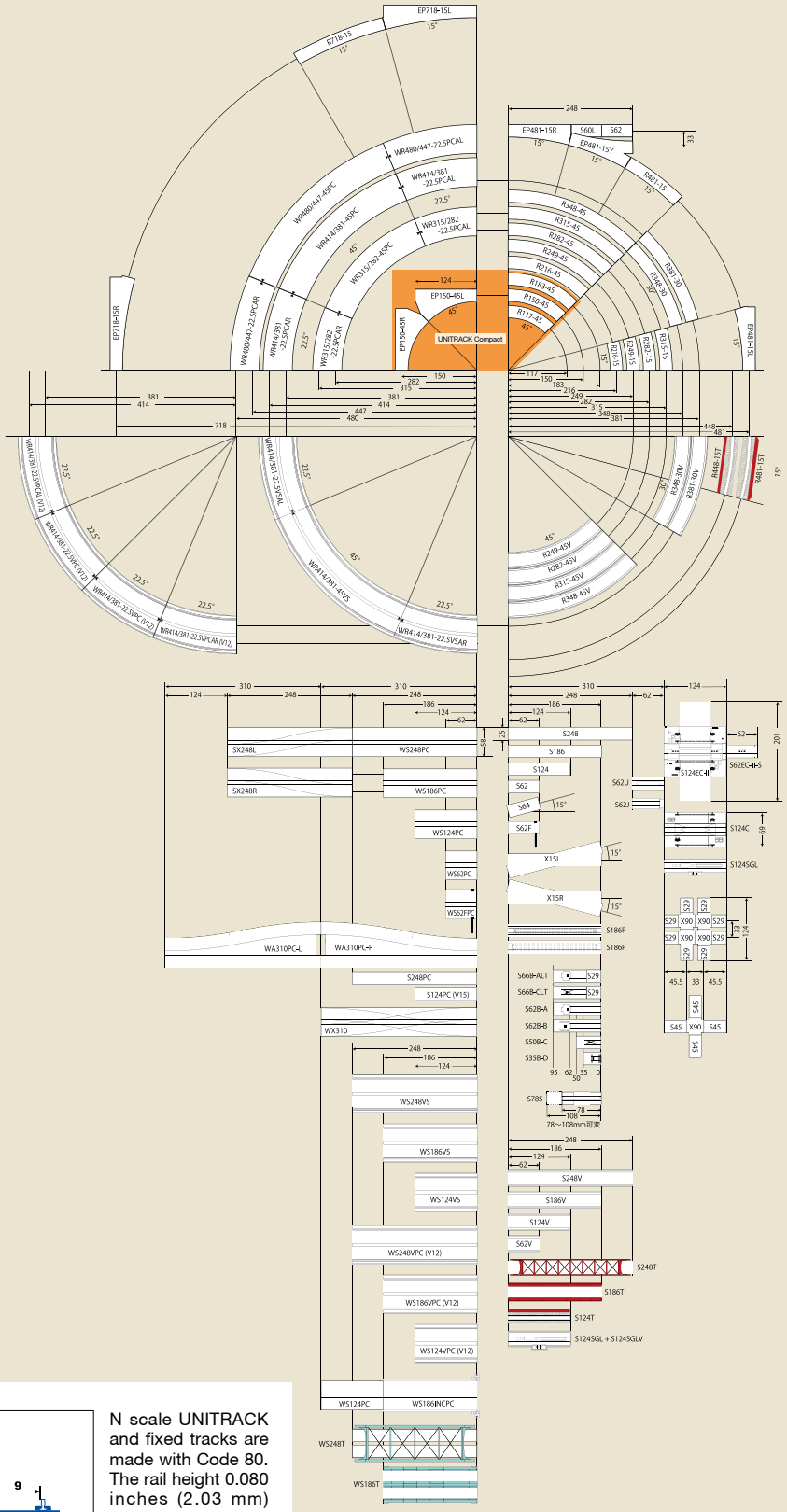
S	Straight Track
R	Curved Track
EP	Electric Turnout
HP	Manual Turnout
SX	Single Crossover Turnouts
WX	Double Crossover Turnouts
X	Crossing Track
WS	Straight Double Track
WR	Curved Double Track
WA	Double Widening Tracks

"S", "SX", "WX", "WA" followed by numbers indicates the length of the straight track.
"R" followed by numbers indicates the radius and angle of the curved track.
"EP" followed by numbers indicates the radius & angle of the turnout track. Example: EP718-15 indicates an electric turnout with 718mm radius and 15 degree angle.
"X" followed by numbers indicates the angle of the crossing track. Example: X15L indicates a crossing track with a 15 degree left angled crossing.

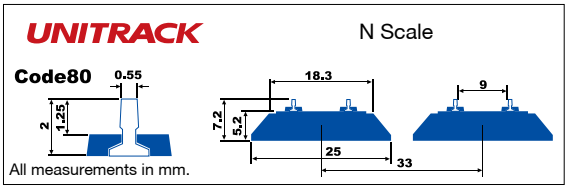
Explanation of the following letters:

B	Bumper Track
C	Road Crossing Track
F	Feeder Track
AL	Approach Track for Left Side
AR	Approach Track for Right Side
J	Joint Track
L	Left Direction on Turnouts and Crossing Tracks
R	Right Direction on Turnouts and Crossing Tracks
S	Expansion Track
T	Bridge
U	Uncoupling Track
V	Viaduct Track
Y	Wye Turnout
PC	Concrete Tie Track
W~S	Double Slab Track
P	Pit Track
LT	Tracks with Light4

Standards & Measurements



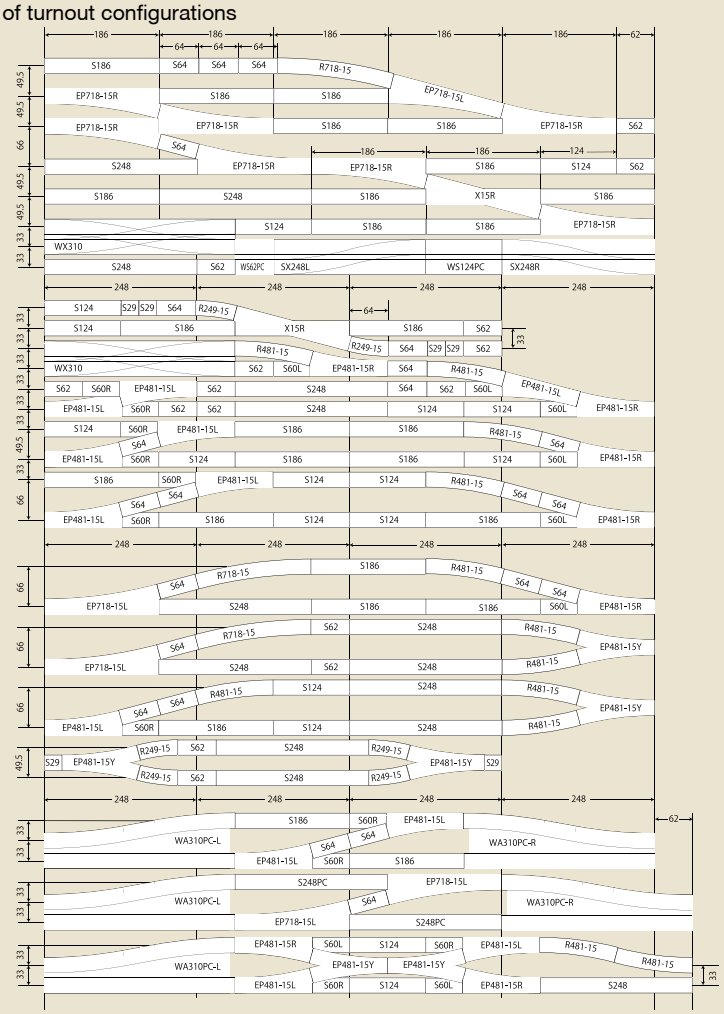
All measurements are in mm.



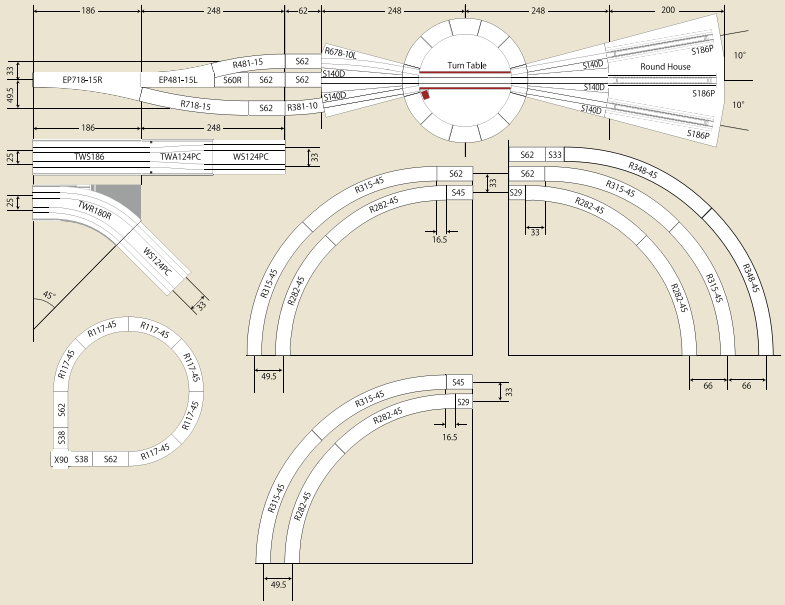
N scale UNITRACK and fixed tracks are made with Code 80. The rail height 0.080 inches (2.03 mm) from which Code 80 is derived.

N UNITRACK Standards & Measurements

Examples of turnout configurations

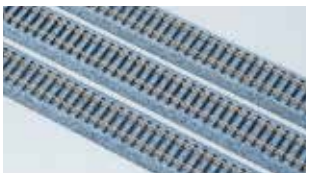


Examples of electric turntable, UNITRAM, and assortment track configurations



All measurements are in mm.

Advantages of KATO UNITRACK



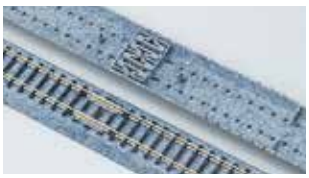
Realistic form and colors



Smooth operation and natural curve on the turnouts



Plug-in wiring with specific connectors



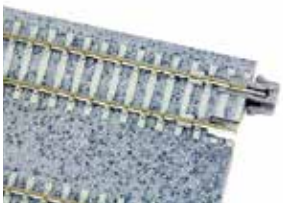
Secure & flexible connection with patented UniJoiners



Piers with specific joints for enhanced security



Correctly represented slab tracks on double track viaduct & double track slab roadbed products



Modern concrete ties on double track roadbeds



Possible to connect with flexible track (without roadbed)



Turnout mechanisms are built into the roadbed



Superelevated curves on double track viaduct, double track, and double track slab roadbed products

N UNITRACK Single Straight Tracks

UNITRACK Straight Tracks are based on the standard length of 9 3/4" (248mm), and other tracks are standardized variations with lengths of 1/4, 1/2, and 3/4 of 9/ 3/4" (248mm). Crossing, Signal, and Viaduct products are the same standards, so it makes as simple a connection as playing with blocks. Viaduct products have a specific joiner named the "S Joiner" for secure connection with the pier products.

● Single Straight Tracks





20-000	Straight Track 9 3/4" 4 pcs S248 $12.00



20-007	PC Straight Track 248mm (9 3/4") 4 pcs $12.50



20-010	Straight Track 7 5/16" 4 pcs S186 $10.00



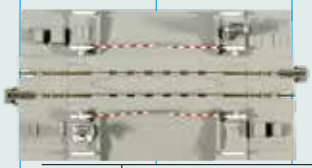
20-020	Straight Track 4 7/8" 4 pcs S124 $9.50



20-028	PC Straight Track 124mm (4 7/8") 4 pcs $11.00



20-026	Rerailer Track 4 7/8" 2 pcs S124C $7.00



20-027-1	Road Crossing Track #2 (4 7/8") 1 pc S124C $18.00



20-400	Single Track Straight Viaduct 9 3/4" 2 Stk. S248V $13.50



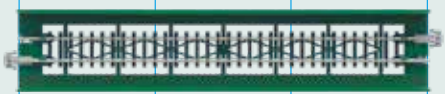
20-410	Single Track Straight Viaduct 7 5/16" 2 pcs S186V $13.00



20-420	Single Track Straight Viaduct 4 7/8" 2 pcs S124V $12.50



20-429	Single Truss Bridge 248mm (9 3/4"). Red brown $16.00
20-430	Single Truss Bridge 248mm (9 3/4"). Red $14.00
20-431	Single Truss Bridge 248mm (9 3/4"). Green $14.00
20-432	Single Truss Bridge 248mm (9 3/4"). Gray $14.00
20-433	Single Truss Bridge 248mm (9 3/4"). Silver $14.00
20-434	Single Truss Bridge 248mm (9 3/4"). Black $14.00
	1 pc S248T



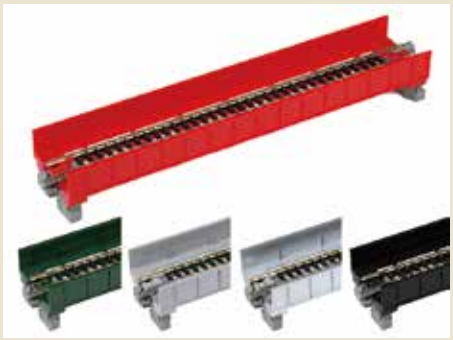
20-450	Single Plate Girder Bridge 7 5/16". Red $13.50
20-451	Single Plate Girder Bridge 7 5/16". Green $13.50
20-452	Single Plate Girder Bridge 7 5/16". Gray $13.50
20-453	Single Plate Girder Bridge 7 5/16". Silver $13.50
20-454	Single Plate Girder Bridge 7 5/16". Black $13.50
	1 pc S186T



Rerailer Track 4 7/8"



Single Track Straight Viaduct 9 3/4"



20-450 Red, **20-451** Green, **20-452** Gray,
20-453 Silver, **20-454** Black
Single Plate Girder Bridge 7 5/16"



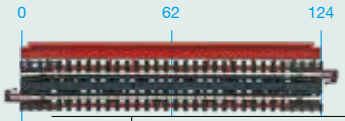
Road Crossing Track #2 (4 7/8")



20-429 Red brown, **20-430** Red, **20-431** Green,
20-432 Gray, **20-433** Silver, **20-434** Black
Single Plate Girder Bridge 7 5/16"

If there is a Single Truss Bridge 248mm (9 3/4") connected directly to a curved viaduct track, some longer cars may come into contact with the bridge. To avoid this, include a single straight viaduct product (S62V or S124V) connected to the curve before the bridge.

N UNITRACK Single Straight Tracks



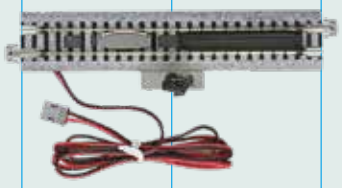
20-460	Deck Plate Girder Bridge 4 7/8". Red $12.00
20-461	Deck Plate Girder Bridge 4 7/8". Green $12.00
20-462	Deck Plate Girder Bridge 4 7/8". Gray $12.00
20-464	Deck Plate Girder Bridge 4 7/8". Black $12.00
	1 pc S124T



20-015	Ash Pit Track 7 5/16" 2 pcs. S186P $7.00



20-016	Open Pit Track 7 5/16" 4 pcs S186P $18.00



20-606-1
Automatic 3 Color Signal Straight Track 124mm (4 7/8") 1 pc S124SGL $75.00

A detailed description can be found on page 13.

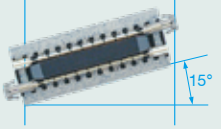


20-421
Signal Viaduct w/o Track 124mm (4 7/8")
1 pc S124SGLV $2.50

124



20-030	Straight Track 2 1/2" 2 pcs S64 $5.50



20-032	Magnetic Uncoupler Track 2 1/2" 1 pc S64U $7.50



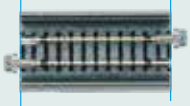
20-040	Straight Track 2 7/16" 4 pcs S62 $9.00



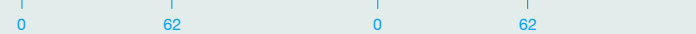
20-041	Feeder Track 2 7/16"4 1 pc S62 $7.00



20-045	Snap Track Conversion Track 2 7/16" 2 Stk. S62J $5.50



20-440	Single Track Straight Viaduct 2 7/16" 2 pcs. S62V $12.50



● Tracks for length adjustment



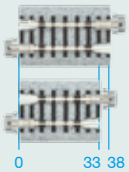
20-050	Expansion Track 3" to 4 1/4" 1 pc S78S $8.25

Track length is adjustable from 3" to 4 1/4".



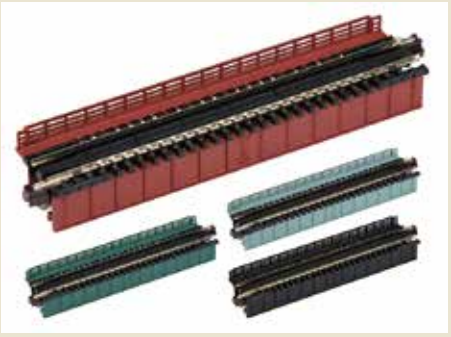
20-091	Track Assortment Set 1 1/8", 1 3/4" 10 pcs S29, S45 $18.00

8x Straight Track 11/8"
2x Straight Track 1 3/4"



20-092	Track Assortment Set B 1 1/2", 1 8 pcs S33, S38 $18.00

4x Straight Track 1 1/2"
4x Straight Track 1 5/16"



20-460 Red, **20-461** Green, **20-462** Gray,
20-464 Black
Deck Plate Girder Bridge 4 7/8"



Ash Pit Track 7 5/16"



Open Pit Track 7 5/16"

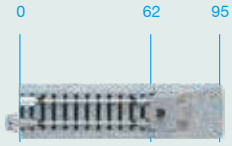


Magnetic Uncoupler Track 2 1/2"1

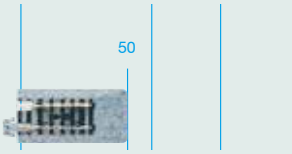


Expansion Track 3" to 4 1/4"

N UNITRACK Bumper Track / Automatic Crossing Gate



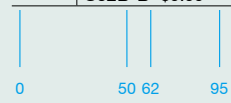
20-046 Straight Track With Bumper A 2 7'16" 2 pcs S62B-A $9.00

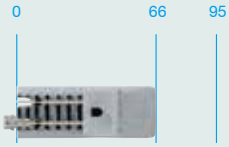


20-048 Straight Track with Bumper C 2" 2 pcs S50B-C $8.25

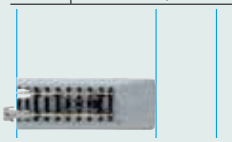


20-047 Straight Track With Bumper B 2 7/16" 2 pcs S62B-B $9.00





20-063 Straight Track With Bumper Type A 2 5/8" (66mm) with Illuminated Signal Light 1 pc S66B-ALT $13.00



20-064 Straight Track With Bumper Type C 2 5/8" (66mm) with Illuminated Signal Light 1 pc S66B-CLT $13.00



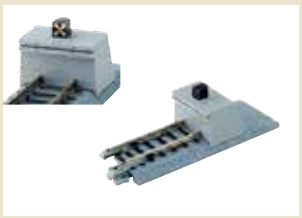
20-060 Straight Track With Bumper B 2 7/16" 2 pcs S35B-D



Bumper Tracks



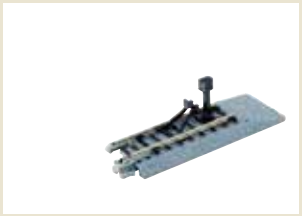
20-046 Straight Track With Bumper A 2 7'16"



20-063 Straight Track With Bumper Type A 2 5/8" (66mm) with Illuminated Signal Light



20-048 Straight Track with Bumper C 2"



20-064 Straight Track With Bumper Type C 2 5/8" (66mm) with illuminated Signal Light



20-047 Straight Track With Bumper B 2 7/16"



20-060 Straight Track With Bumper B 2 7/16"

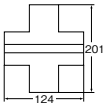
Bumper Track A is a concrete block type, B is a ballast type, C is a frame type, D is a bent rail type. Bumper Track C can be made to be the same length as other types of bumper tracks by connecting with a 1 3/4" (45mm), included in the **20-091** Track Assortment Set. For the lighted type bumper tracks, the lights are turned on when an electric current goes through the rails, and the dimensions are the same as the A & C type Bumper Tracks.

Automatic Crossing Gate



20-652-1 North American Style Automatic Crossing Gate 4 pcs S124EC-2 $220.00

A set to assemble a crossing with a single 124 mm-long track. Includes the crossing itself, two sensor tracks (total length 62 mm), and an AC adapter.



The UNITRACK Automatic Crossing Gate brings the fun of "Train operation" with realistic lights, sounds, and motions. It features fully automated blinking lights, sounds, and gates opening and closing. The Automatic Crossing Gate follows the N scale UNITRACK standards in its dimensions. The AC power supply can be connected directly to the main crossing track, and the cable of the sensor track can also be connected through the underside of the roadbed to eliminate wire exposure. The sensor track uses an infrared sensor, and it can detect objects even when the track power is off.

The crossing track is DCC friendly. There are 4 types of crossing sounds fitting any railroad scenes in the U.S., and the sound volume is also adjustable.

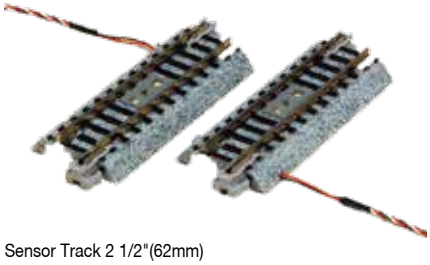
With the optional **20-653** Double Track Attachment Set for the Automatic Crossing Gate, tracks can be expanded to 3 double tracks (6 tracks).



20-653
Double Track Attachment Set for Automatic Crossing Gate S 3 pcs $78.00

Used for track expansion of the crossing gate with maximum 3 double tracks (6 tracks).

Set contents:
- 1x Crossing Track 4 7/8" (124mm)
- 2x Sensor Track 2 1/2"(62mm)



Sensor Track 2 1/2"(62mm)



20-654 Sensor Track Extension Cable 1yard 1pc $9.50

Used to expand the length of the sensor track cable.

N UNITRACK Automatic Signal



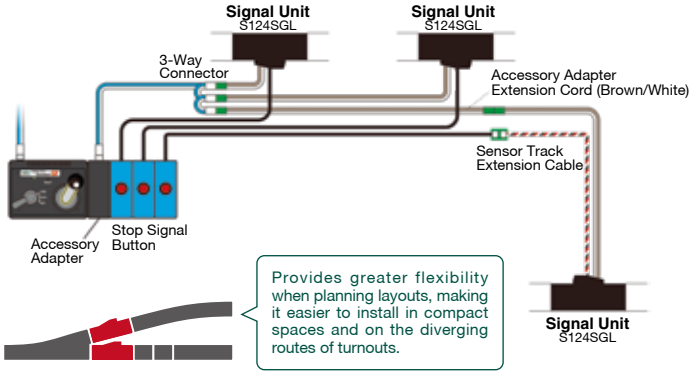
20-606-1	Automatic 3 Color Signal Straight Track 124mm (4 7/8") 1pc S124SGL $75.00

The Signal track is the same length as a 4 7/8" (124mm) straight track but with a space for the signal on the right side. When a train passes, the light on the signal changes from green to red, and after a few seconds it will automatically turn to yellow, and then back to green. The sensor is triggered by touching the flange of a wheel going through the track. Does not work with plastic wheels.

For operating the automatic signal additional accessory is required:

- **24-829** Accessory Adapter 1pc $7.25
- **24-844** Automatic Signal Power Supply 1pc $23.50
- **24-845** Signal Extension Cord 90cm (35") 1pc $3.25

3-Color Automatic Signal Connection Diagram



Provides greater flexibility when planning layouts, making it easier to install in compact spaces and on the diverging routes of turnouts.

Operation of the Automatic Signal



1) Turning from Green to Red when the wheels touch the sensor.



2)Turning from Red to Yellow 3 seconds after the train has passed.



3) Turning from Yellow to Green after a further 3 seconds.



4) If the train runs backward, the Red light is automatically turned on. When the train is stopped or no power is on the rails, the Green light is automatically turned on.

Pictures show the Japanese version of this item in action.

Automatic Signal Accessory





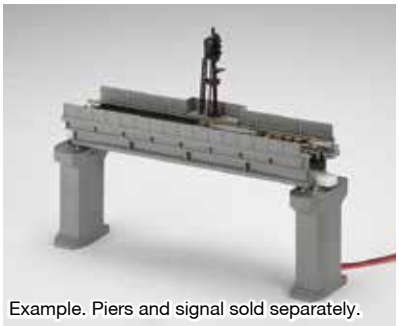
24-829BK	Accessory Adapter 1 pc $7.25

A power supply for the Automatic Signal. Snap-on to the side terminal of the Power Pack.



24-844	Automatic Signal Power Supply 1 pc $23.50

A power supply for the Automatic Signal. 3 signal outlets in one power supply. Simplifies wiring by connecting same colored wires and same shaped connectors.



Example. Piers and signal sold separately.

20-421	Signal Viaduct w/o Track 124mm (4 7/8") 1 pc S124SGLV $2.50

A specific viaduct for the Automatic Signal when it is connected with viaduct track products. It has space for the signal and a hole for passing the wire from the signal.



24-845	Signal Extension Cord 90cm (35") 1 pc $3.25

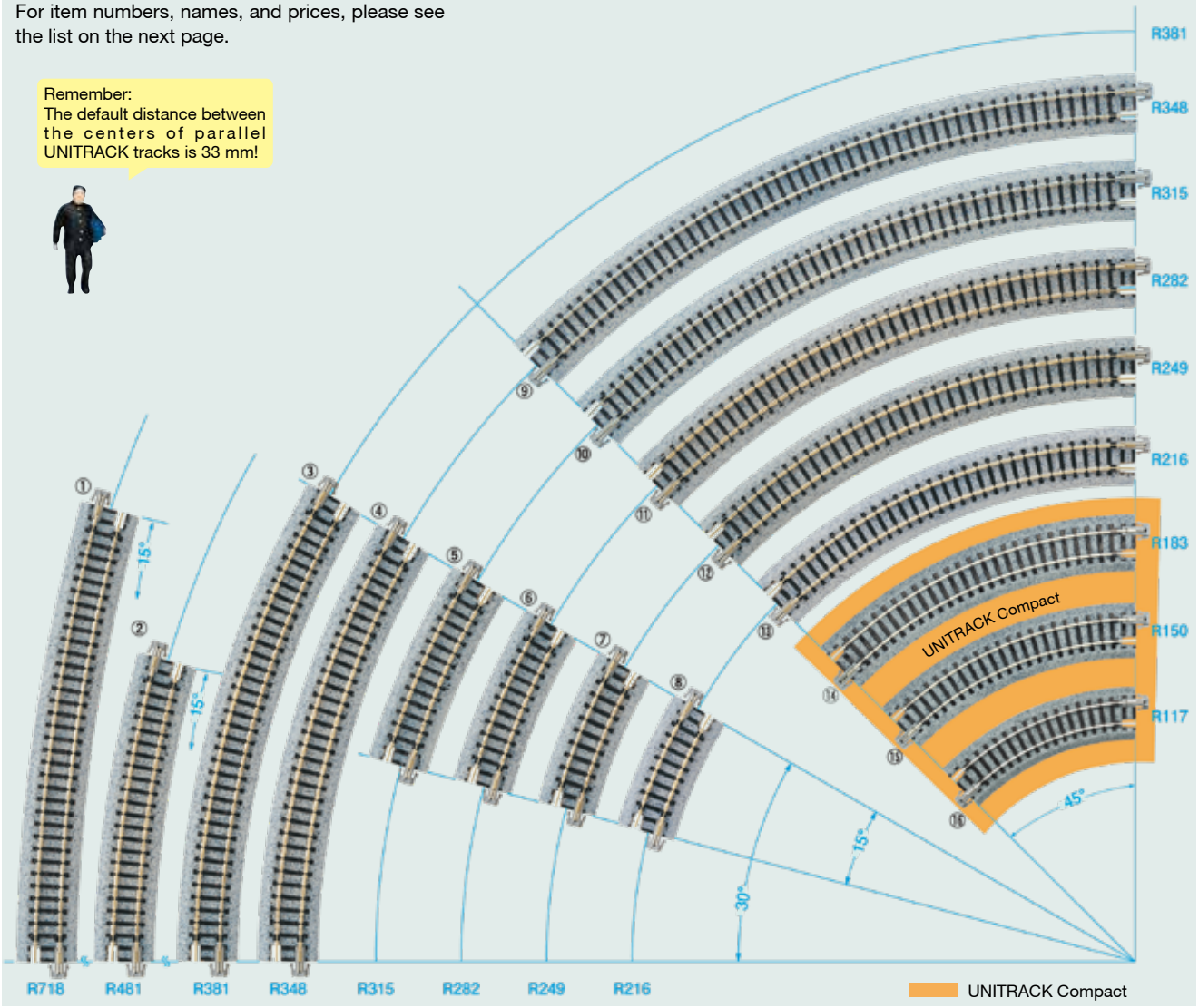
An expansion cable for the signal and signal power supply with a length of (2' 11 7/16").

N UNITRACK Single Curved Tracks

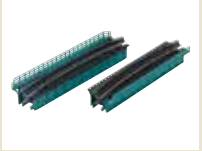
UNITRACK curves use Curved Track R12 3/8"-15° (315mm) as a base. Based on this, there are six curved tracks available inside; two outside, and two more support curves for turnouts outside, each with 33 mm spacing between parallel track centers. Furthermore thanks to five different sizes of curved viaduct tracks, elevating your layout to the next level is easy!

● Single Curved Tracks

For item numbers, names, and prices, please see the list on the next page.



- **Curved Track R28 1/4"-15°** (R718-15) is a support track for Turnout #6 (EP718-15L/EP718-15R). It can also be used for transition curves or when a curve with an especially big radius is needed.
- **Curved Track R19"-15°** (R481-15) is a support track for Turnout #4. It can also be used for transition curves. Additionally, when connecting two parallel tracks to each other, the distance between the track centers can be changed from 33mm to 66 mm.
- Use **Curved Track R15"-30°** (R381-30) and **Curved Track R13 3/4"-30°** (R348-30) to create a more realistic looking N scale scene or when running high speed trains like the KATO ACS-64.
- **Curved Track R12 3/8"-15°** (R315-45) is the track that serves as the base radius for all curves. It is also included in Starter Sets and Master Sets.
- With **Curved Track R8 1/2"** (R216) to **Curved Track R15"** (R381) you can create up to sextuple-track railways.
- **Curved Track R183mm (7")-45°** and smaller (marked orange in the graph) are part of UNITRACK Compact, which gives you even more freedom when creating your layout plans. Please note that not all trains can pass these curves.
- Curves with an angle of 15° come in handy when you want to change your layout plan.
- When connecting two **Curved Track R9 3/4"-15°** (R249-15) curves parallel to each other, the distance between the track centers can be changed from 33 to 49.5 mm.
- With the single viaduct curved tracks **Single Track Curved Viaduct R9 3/4"-45°** (R249V-45) to **Single Track Curved Viaduct R13 3/4"** (R348-45), you can set up quadruple tracks in steps of 45°. For steps of 90°, you can add viaduct curve R381-30° for up to five tracks.
- Use viaduct curves to create more realistic looking viaduct railways or when running high speed trains like the KATO ACS-64.
- For **Single Track Curved Viaduct R13 3/4"-45°** (R348-45V), use the piers from Pier No. 5 50 mm and the Incline Pier sets to support the central viaduct tracks.
- Single viaduct curved tracks, like their straight counterparts, can be firmly connected to other viaduct tracks and piers with an S-Joiner.
- **Deck Girder Curved Bridge, R17 5/8" (448mm)-15°** (R448-15ST) and **Deck Girder Curved Bridge, R19" (481mm)-15°** (R481-15) are curved bridges based on our already existing deck girder curved bridges. Just like those, these items also come in the three colors: red, green, and gray. They are perfect for use with the cone-shaped pier No. 5 for single-track bridge, the conic pier height adjusting kit, and the single track warren brace catenary pole.



Deck Girder Curved Bridge, Green
Left: R19" (481mm)-15°
Right: R17 5/8" (448mm)-15°



Deck Girder Curved Bridge, Red
Left: R19" (481mm)-15°
Right: R17 5/8" (448mm)-15°

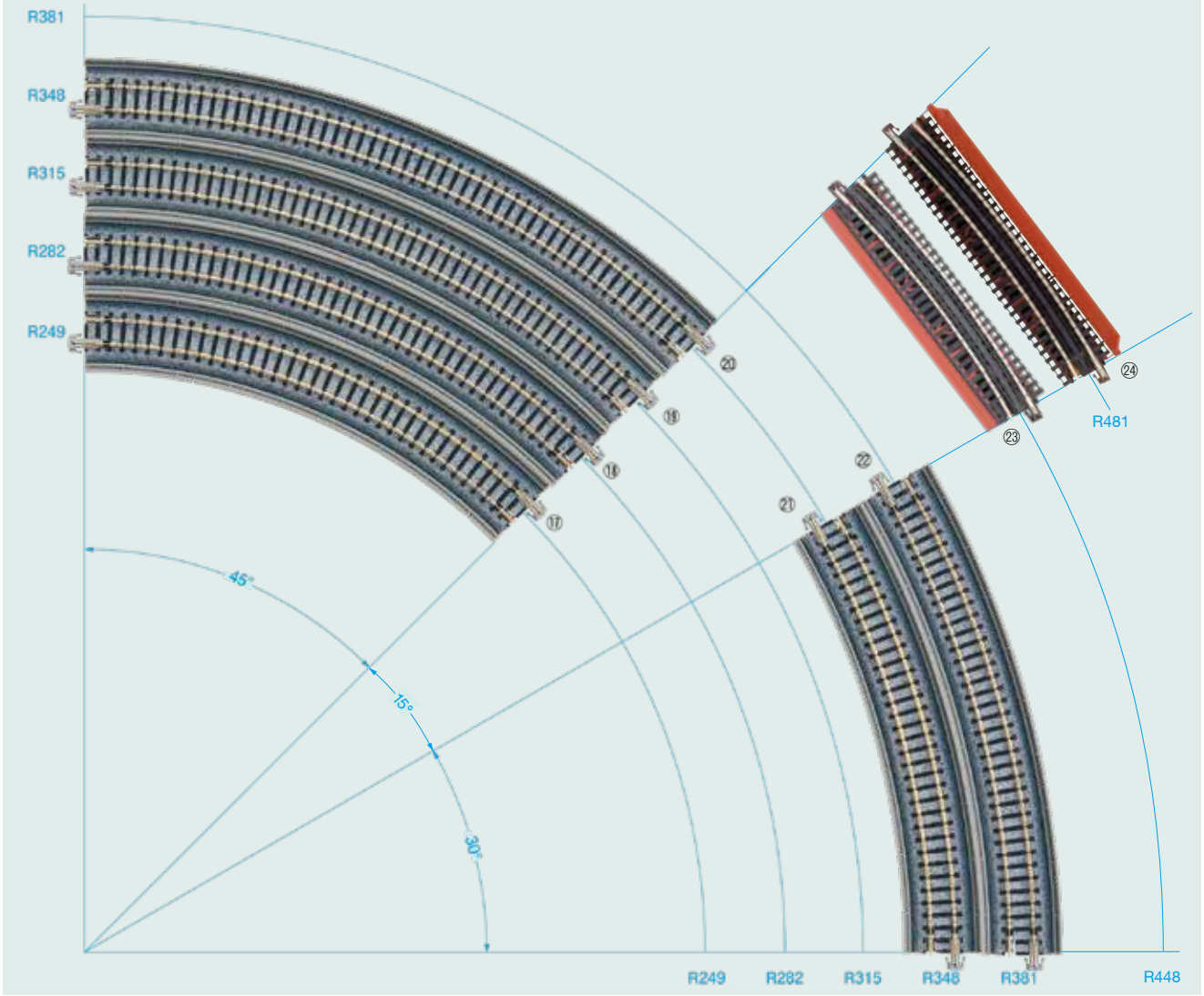


Deck Girder Curved Bridge, Gray
Left: R19" (481mm)-15°
Right: R17 5/8" (448mm)-15°

N UNITRACK Curved Bridges and Viaducts

● Single Viaduct Curved Tracks

For the item numbers, names, and prices, please see the list below.



■ Single Curved Tracks / Single Viaduct Curved Tracks

Photo	Item No.	Item Name	Pcs.	Abbreviation	Price
1	**20-150**	Curved Track R28 1/4"-15°	4 pcs	R718-15	$11.50
2	**20-160**	Curved Track R19"-15°	4 pcs	R481-15	$9.50
3	**20-140**	Curved Track R15"-30°	4 pcs	R381-30	$11.50
4	**20-130**	Curved Track R13 3/4"-30°	4 pcs	R348-30	$11.50
5	**20-121**	Curved Track R12 3/8"-15°	4 pcs	R315-15	$10.50
6	**20-111**	Curved Track R11"-15°	4 pcs	R282-15	$10.50
7	**20-101**	Curved Track R9 3/4"-15°	4 pcs	R249-15	$10.50
8	**20-171**	Curved Track R8 1/2"-15°	4 pcs	R216-15	$9.50
9	**20-132**	Curved Track R13 3/4"-15°	4 pcs	R348-45	$13.00
10	**20-120**	Curved Track R12 3/8"-45°	4 pcs	R315-45	$11.00
11	**20-110**	Curved Track R11"-45°	4 pcs	R282-45	$11.00
12	**20-100**	Curved Track R9 3/4"-45°	4 pcs	R249-45	$10.00
13	**20-170**	Curved Track R8 1/2"-45°	4 pcs	R216-45	$10.00
14	**20-172**	Curved Track R183mm (7")-45°	4 pcs	R183-45	$11.00
15	**20-174**	Curved Track R150mm (6")-45°	4 pcs	R150-45	$11.00
16	**20-176**	Curved Track R117mm (4 5/8")-45°	4 pcs	R117-45	$11.00
17	**20-505**	Single Track Curved Viaduct R9 3/4"-45°	2 pcs	R249V-45	$13.50
18	**20-510**	Single Track Curved Viaduct R11"-45°	2 pcs	R282V-45	$14.00
19	**20-520**	Single Track Curved Viaduct R12-3/8"-45°	2 pcs	R315V-45	$14.00
20	**20-530**	Single Track Curved Viaduct R13 3/4"-45°	2 pcs	R348V-45	$14.50
21	**20-531**	Single Track Curved Viaduct R13 3/4"-30°	2 pcs	R348V-30	$13.50
22	**20-540**	Single Track Curved Viaduct R15"-30°	2 pcs	R381V-3	$13.50
23	**20-465**	Deck Girder Curved Bridge, Red, R17 5/8" (448mm)-15°	1 pc	R448-15ST	$15.00
23	**20-466**	Deck Girder Curved Bridge, Green, R17 5/8" (448mm)-15°	1 pc	R448-15ST	$15.00
23	**20-467**	Deck Girder Curved Bridge, Gray, R17 5/8" (448mm)-15°	1 pc	R448-15ST	$15.00
23	**20-468**	Deck Girder Curved Bridge R448mm (R17 5/8")-15° Light Green	1 pc	R448-15STa	$15.00
24	**20-470**	Deck Girder Curved Bridge, Red, R19" (481mm)-15°	1 pc	R481-15ST	$15.00
24	**20-471**	Deck Girder Curved Bridge, Green, R19" (481mm)-15°	1 pc	R481-15ST	$15.00
24	**20-472**	Deck Girder Curved Bridge, Gray, R19" (481mm)-15°	1 pc	R481-15ST	$15.00
24	**20-473**	Deck Girder Curved Bridge R481mm (R19")-15° Light Green	1 pc	R481-15ST	$15.00



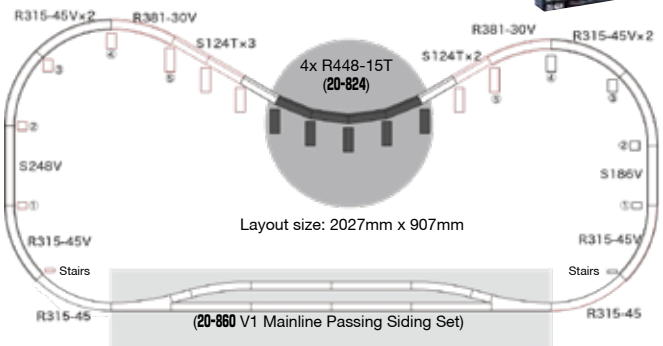
20-823 Curved Bridge Set, Green, R17 5/8" (448mm)-60°
21 pcs $95.00

Set contents:
- 4x Deck Girder Curved Bridge, Green, R17 5/8" (448mm)-15°
- 5x Single Track Bridge Pier #5 with Trapezoid Shape
- 12x Single Track Bridge Pier #5 with Trapezoid Shape

20-824 Curved Bridge Set for non-electrified railways, Red, 19" (481mm)-60°
11 pcs $70.00



Set contents:
- 4x Deck Girder Curved Bridge, Red, R19" (481mm)-15°
- 5x Single Track Bridge Pier #5 with Trapezoid Shape



N UNITRACK Concrete Tie Single Track

KATO's Concrete Tie UNITRACK system is expanding. These tracks feature a lower roadbed profile than standard double-track. These track pieces help create a greater sense of depth and realism in your layout.

Single Track Concrete Tie

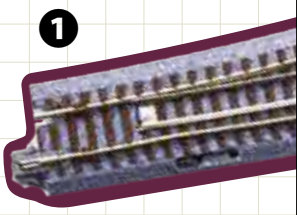
Turnout Urethane Tie

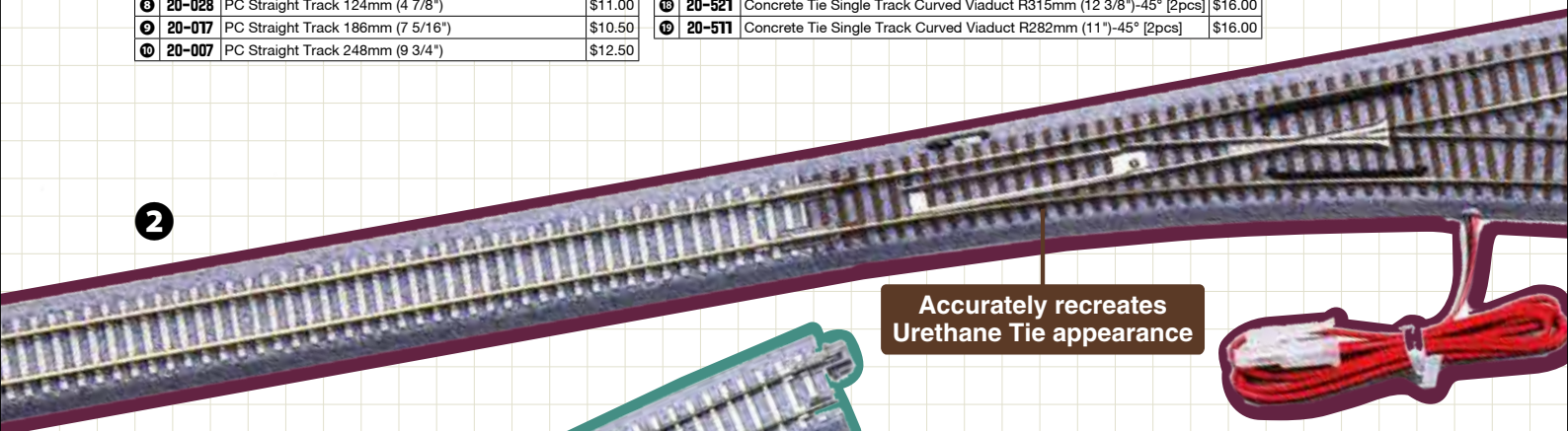
Single Viaduct Track Concrete Tie

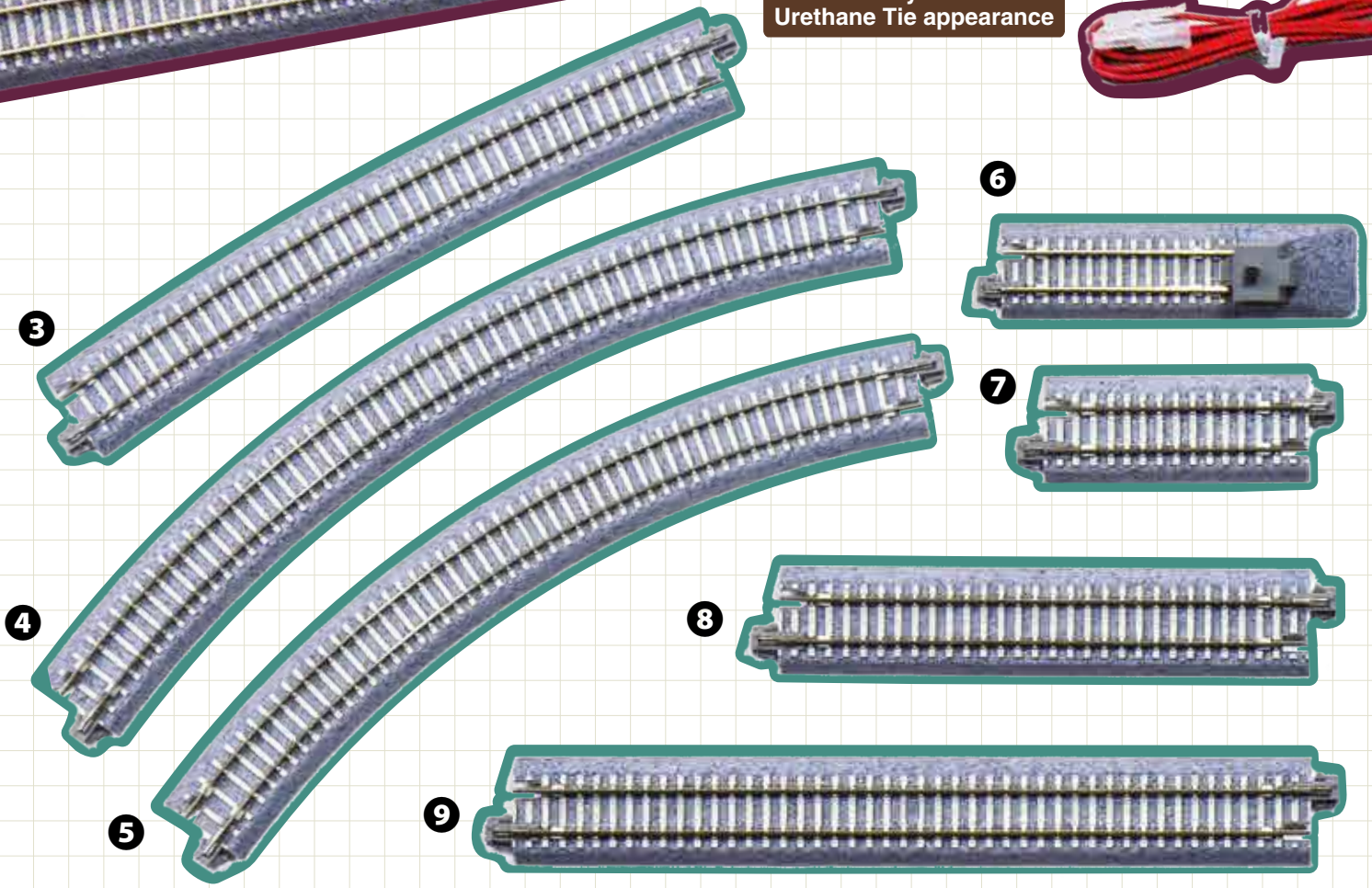
■ KATO Concrete Tie UNITRACK

	Item No.	Item Name	Price
❶	20-214	Synthetic Tie Electric Turnout #6, Left EP718-15L	$27.00
❷	20-215	Synthetic Tie Electric Turnout #6, Right EP718-15R	$27.00
❸	20-152	PC Curved Track R718-15° (R28 1/4"-15°)	$11.50
❹	20-124	PC Curved Track R315-45° (R12 3/8"-45°)	$13.00
❺	20-114	PC Curved Track R282-45° (R11"-45°)	$12.00
❻	20-066	PC Bumper Track A 62mm (2 7/16")	$10.00
❼	20-054	PC Straight Track 62mm (2 7/16")	$10.50
❽	20-028	PC Straight Track 124mm (4 7/8")	$11.00
❾	20-017	PC Straight Track 186mm (7 5/16")	$10.50
❿	20-007	PC Straight Track 248mm (9 3/4")	$12.50

	Item No.	Item Name	Price
⓫	20-055	PC Feeder Track 62mm (2 7/16")	$7.00
⓬	20-067	PC Bumper Track B 62mm (2 7/16")	$10.00
⓭	20-441	Concrete Tie Single Track Straight Viaduct 62mm (2 1/2") [2pcs]	$12.00
⓮	20-424	Concrete Tie Single Track Straight Viaduct 124mm (4 7/8") [2pcs]	$13.00
⓯	20-413	Concrete Tie Single Track Straight Viaduct 186mm (7 5/16") [2pcs]	$13.00
⓰	20-403	Concrete Tie Single Track Straight Viaduct 248mm (9 3/4") [2pcs]	$15.00
⓱	20-532	Concrete Tie Single Track Curved Viaduct R348mm (13 3/4")-45° [2pcs]	$17.00
⓲	20-521	Concrete Tie Single Track Curved Viaduct R315mm (12 3/8")-45° [2pcs]	$16.00
⓳	20-511	Concrete Tie Single Track Curved Viaduct R282mm (11")-45° [2pcs]	$16.00

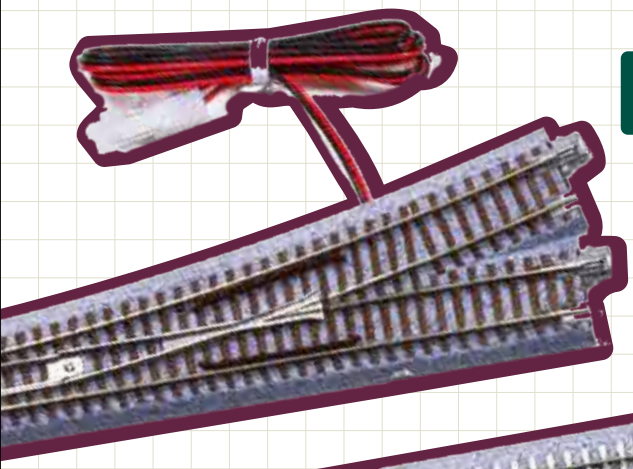








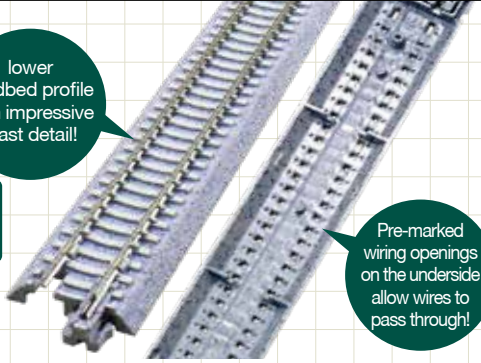
•The 248mm, 124mm, and 62mm straight track feature pre-marked wiring openings on the underside of the roadbed. These can be cut open to allow wires to pass through easily.



Accurately recreates Concrete Tie appearance



lower roadbed profile with impressive blast detail!



Pre-marked wiring openings on the underside allow wires to pass through!

66mm

Compatible with the 23-160 Island Suburban Platform DX Set and the 23-170 Island Platform Complete Set.



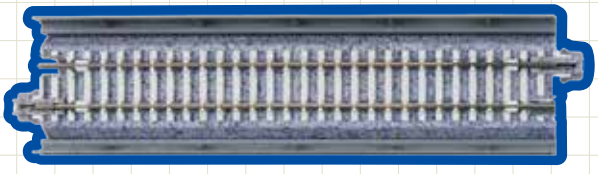
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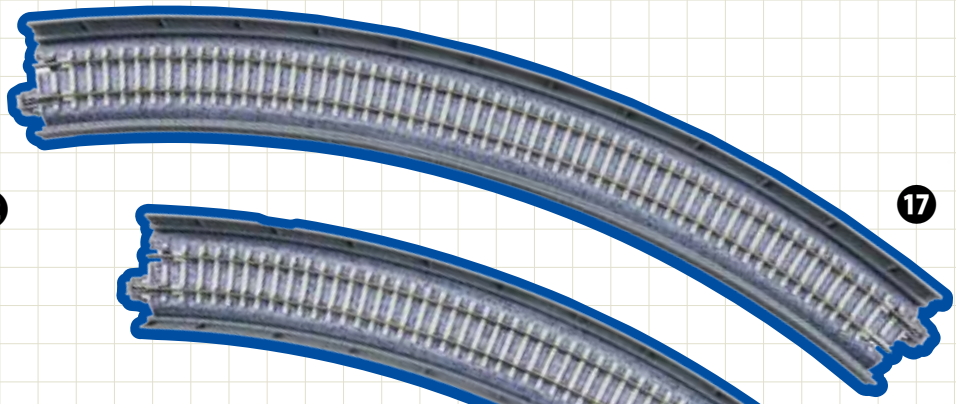
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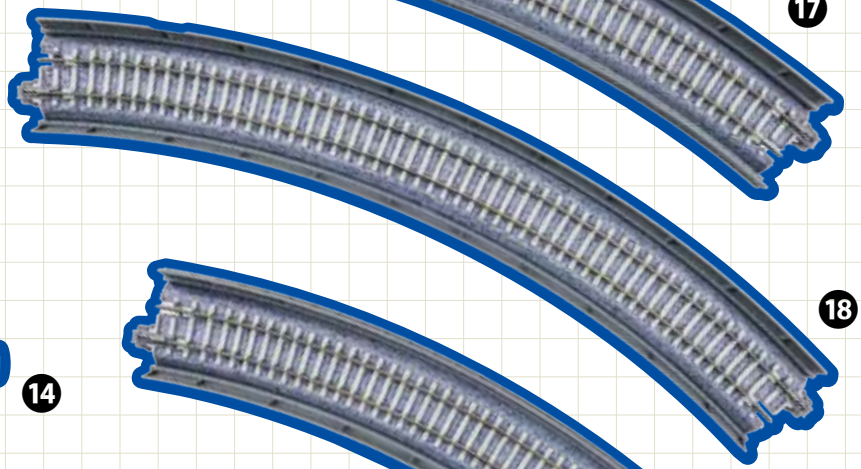
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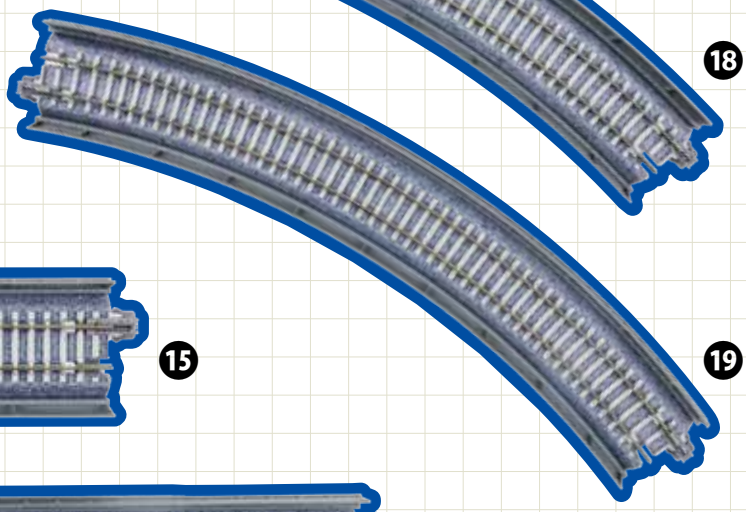
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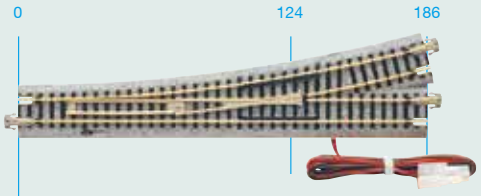


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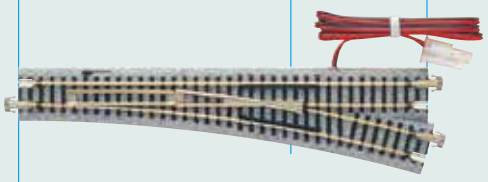
N UNITRACK Turnouts / Crossing Tracks

Turnouts and crossing tracks bring more fun to model railroad operation, and allow unlimited expansion on your track plans!

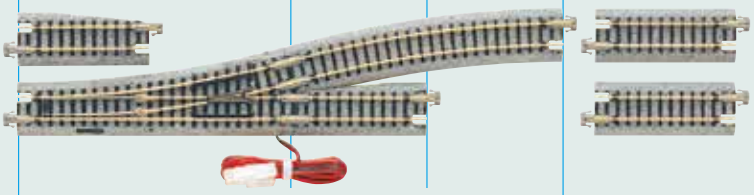
● Turnouts / Crossing Tracks



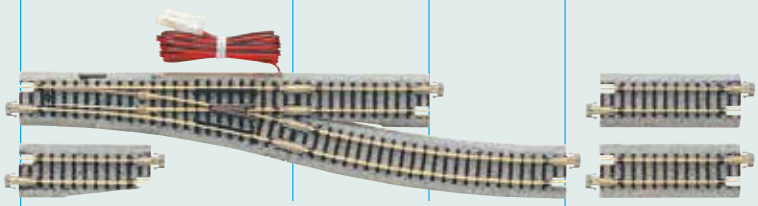
20-202 Electric Turnout #6, Left R718-15° (R28 1/4"-15°)
1 pc EP718L $27.00



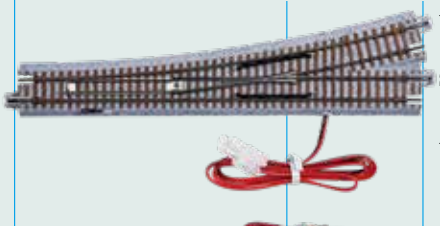
20-203 Electric Turnout #6, Right R718-15° (R28 1/4"-15°)
1 pc EP718R $27.00



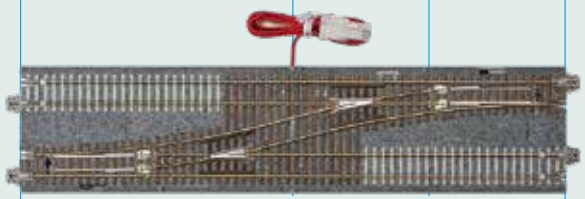
20-220 Electric Turnout #4, Left R481-15° (R19"-15°)
1 pc EP481L $37.50



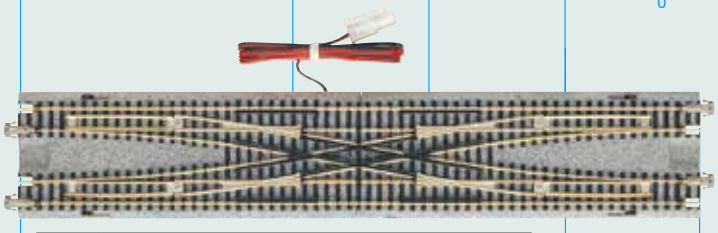
20-221 Electric Turnout #4, Right R481-15° (R19"-15°)
1 pc EP481R $37.50



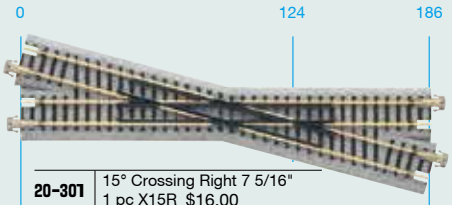
20-214 Synthetic Tie Electric Turnout #6, Left EP718-15L 1 pc
$27.00



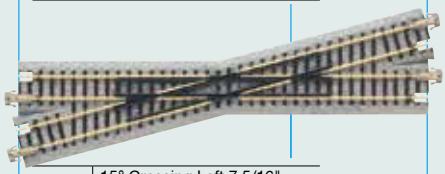
20-230 Concrete Tie Double Track #4 Single Crossover Turnout
248mm (9 3/4"), Left 1pc $66.00



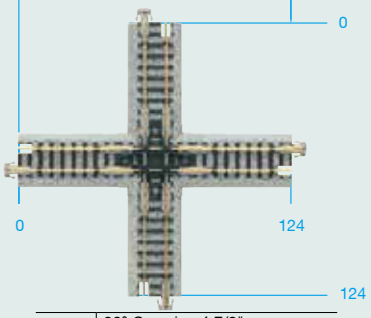
20-210 Double Crossover Track 310mm (12 3/16")
1 pc WX310 $75.00



20-301 15° Crossing Right 7 5/16"
1 pc X15R $16.00



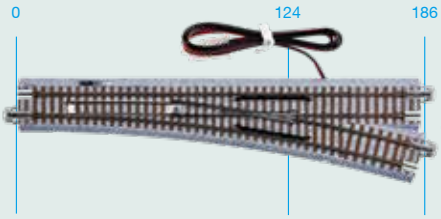
20-300 15° Crossing Left 7 5/16"
1 pc X15L $16.00



20-320 90° Crossing 4 7/8"
1 set X190 $21.00

Operate many kinds of trains with stations and yards!

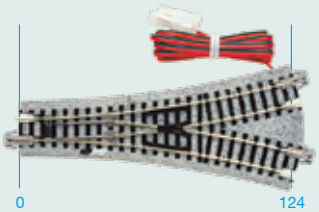




20-215 Synthetic Tie Electric Turnout #6, Right EP718-15R 1 pc
$27.00



20-231 Concrete Tie Double Track #4 Single Crossover Turnout
248mm (9 3/4"), Right 1pc $66.00



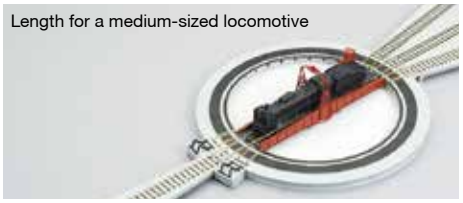
20-222 #2 Electric Wye Turnout
1 pc EP481-15Y
$32.00

N UNITRACK Electric Turntable & Accessory

During the steam era, turntables were built to rotate steam locomotives. These turntables could be found beside many train stations, freight yards, and maintenance shops. The KATO N scale Electric Turntable guarantees not only prototypical appearance, but also perfectly functional motion.

Electric Turntable





Length for a medium-sized locomotive



Specific controller for the turntable

20-283 Electric Turntable
31pcs $420.00

Representing the low depth type of the prototype, the product's depth is 1/2" (12mm) allowing for floor operation. Wiring is simple with connectors. The motion is controlled by an electronic circuit with one rotation per minute, and before stopping it will shift into a slower speed just like the prototype! The tracks are located with a 10-degree span to fit the separately sold **23-240** Roundhouse Kit. The product's diameter is 8 9/16" (217mm), and the turntable's diameter is 6 5/16" (160mm). By adding the optional turntable extension track sets, it is possible to model a huge locomotive shop.

Set Contents:
- 1x Turntable
- 1x Turntable Controller
- 1x AC Adapter
- 4x Straight Expansion Track
- 6x Bumper (Type D)
- 2x Isolated UniJoiner
- 6x 1/2 UniJoiner
- 6x 1/2 UniJoiner isolated
- 1x UniJoiner Remover
- 1x Controller Cable
- 1x Jump Cable



20-287 Turntable Extension Cable 59 1/16" (150cm)
1 pc $23.50

Electric Turntable Accessory



20-284 Turntable Extension Track Feeder Conversion Kit
3pcs $11.00

Electric power feeder set for the turntable expansion tracks, and steady power feeding on DCC operation attaching to the bottom of the expansion track.

Set Contents:
- 3x Feeder Cable
- 3x Track Contact Pair
- 3x Cover Plate
- 3x Screw



20-285 Turntable Extension Track (Straight)
20 pcs $30.00

Straight expansion tracks for the radial formation. 3 bumper rails on the opposite sides are included.

Set Contents:
- 3x Straight Expansion Track
- 2x Turntable Expabsion Segment
- 3x Bumper (Typ D)
- 6x 1/2 UniJoiner
- 6x 1/2 UniJoiner isolated



20-286 Turntable Extension Track (Curve)
20 pcs $21.50

Curved expansion tracks for the UNITRACK double track span of 1 5/16" (33mm). Best used with **23-225** Wood 2-Stall Engine House Kit. With straight expansion tracks, it is possible to connect to the wider 1 15/16"(49.5mm) double track span to be used with **23-229** Steam Engine Service Facility Set.

Set Contents:
- 1x Curved Expansion Track Left
- 1x Curved Expansion Track Right
- 2x Turntable Expansion Segment
- 2x Curved Track R15"-10°
- 2x Straight Track 2 7/16"
- 6x 1/2 UniJoiner
- 6x 1/2 UniJoiner isolated



24-840 vz Turnout Control Switch 1pc
$12.00

A specific controller for UNITRACK turnouts. DC12V needs to be supplied by the KATO Power Pack or 24-842 DC Converter.



24-850BK Power Feed Control Switch 1pc
$25.00

A switch to turn separate tracks ON or OFF independently with the combination of Insulated UniJoiners and the Turntable Expansion Tracks.



24-851BK Power Direction Control Switch 1pc
$26.00

A switch to change the direction of electric polarity by connecting to the Feeder Track.

● Stickers are attached to the product



23-240 Roundhouse Kit 1pc
$59.00

Prefabricated segment of a roundhouse with three stalls. Track length: 7 5/16" (186mm)

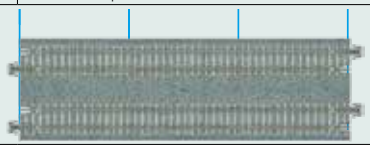
N UNITRACK Double Tracks

Double tracks with concrete ties and superelevated curves are great for running multiple trains and modeling modern railroad scenes. These double tracks can be used not only for passing in opposite directions, but also to make unlimited track plans possible with other single track and double track viaduct products.

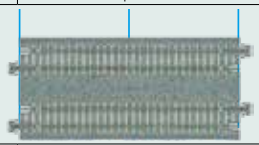
● Double Track Straight Tracks



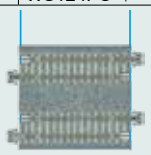
20-004 Concrete Tie Double Track 248mm (9 3/4") Straight
2 pcs
WS248PC $13.50



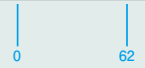
20-012 Concrete Tie Double Track 7 5/16" Straight
2pcs.
WS186PC $13.00

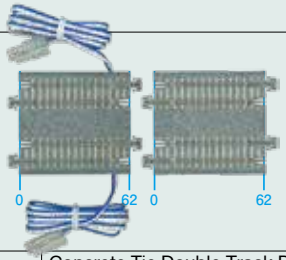


20-023 Concrete Tie Double Track 124mm (4 7/8") Straight
2 pcs
WS124PC $12.00



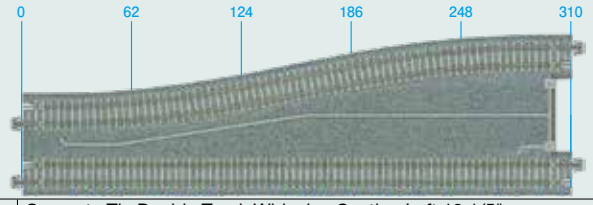
20-042 Concrete Tie Double Track
62mm (2 7/16") Straight
2pcs
WS62PC $11.00



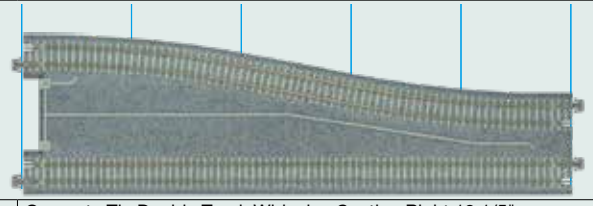


20-043 Concrete Tie Double Track Dual
Feeder 62mm (2 7/16") Straight
1 set
WS62FPC + WS62PC $17.00

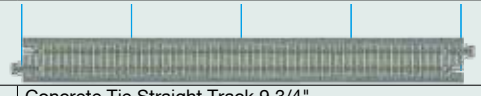
● Double Track Widening Sections



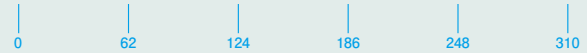
20-051 Concrete Tie Double Track Widening Section Left 12 1/5"
1 pc
WA310PC-L $18.00



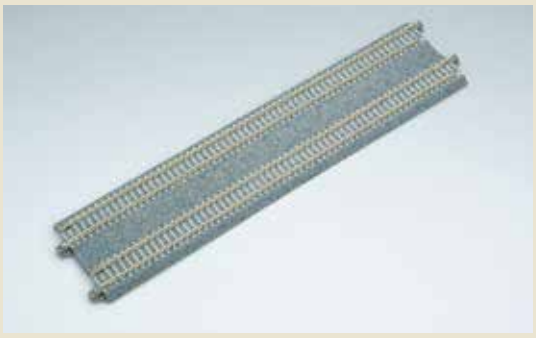
20-052 Concrete Tie Double Track Widening Section Right 12 1/5"
1 pc
WA310PC-R $18.00



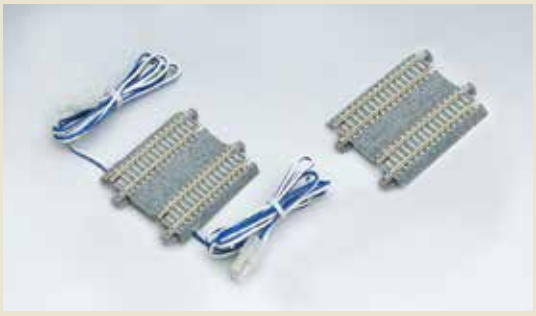
20-875 Concrete Tie Straight Track 9 3/4"
4 pcs
W248PC $10.50



- **Concrete Tie Double Track 248mm (9 3/4") Straight** (WS248PC) is the basic length of the straight track.
- **Concrete Tie Double Track 186mm (7 5/16") Straight** (WS186PC) is 3/4 of the length of the (WS248PC).
- **Concrete Tie Double Track 124mm (4 7/8") Straight** (WS124PC) is 1/2 of the length of the (WS248PC).
- **Concrete Tie Double Track Feeder 62mm (2 7/16") Straight** (WS62FPC) is a track to feed electricity from the power pack to the rails. Cable Length: 2' 9 15/32"
- **Concrete Tie Double Track Widening Section Left 12 1/5"** is a track to expand the double track span from 33mm (1 5/16") to 2 5/8" (66mm) to approach island platforms.
- **Concrete Tie Straight Track 9 3/4"** (S248PC) is a track to extend the straight section in the island platform station, as well as a single straight track with concrete ties.



Concrete Tie Double Track 248mm (9 3/4") Straight



Concrete Tie Double Track Dual Feeder 62mm (2 7/16") Straight



Concrete Tie Double Track Widening Section Left 12 1/5"



Concrete Tie Straight Track 9 3/4"

N UNITRACK Double Tracks

Double Track Curved Track



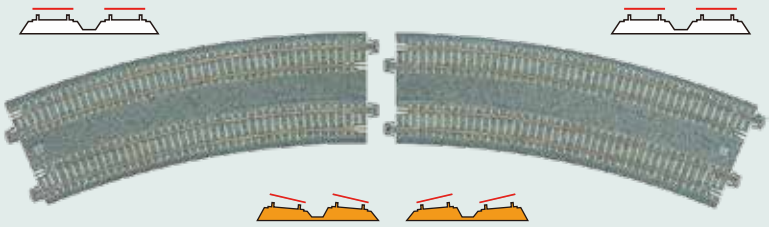
20-185 Concrete Tie Double Track Superelevated Curve 480/447mm (18 7/8"-17 5/8") 45°
2 pcs
WR480/447-45PC $19.00



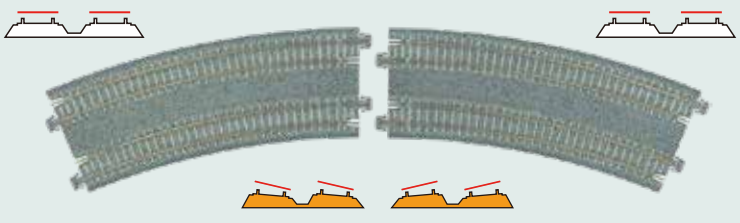
20-181 Concrete Tie Double Track Superelevated Curve 414/381mm (16 5/16"/15") 45°
2 pcs
WR414/381-45PC $15.00



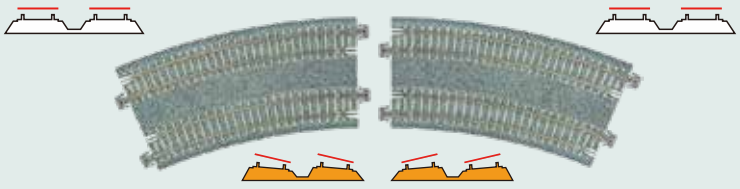
20-183 Concrete Tie Double Track Superelevated Curve 315/282mm (12 3/8"/11") 45°
2 pcs
WR315/282-45PC $15.00



20-186 Concrete Tie Double Track Superelevated Easement Curve Left, Right 480/447mm (18 7/8"-17 5/8") 22.5°
2 pcs
WR480/447-22.5PCAL + WR480/447-22.5PCAR $16.00



20-182 Concrete Tie Double Track Superelevated Easement Curve Left, Right 414/381mm (16 5/16"/15") 22.5°
2 pcs
WR414/381-22.5PCAL + WR414/381-22.5PCAR $13.50



20-184 Concrete Tie Double Track Superelevated Easement Curve Left, Right 315/282mm (12 3/8"/11")
2 pcs
WR315/282-22.5PCAL + WR315/282-22.5PCAR $13.50

- You can build superelevated curves of 45° separations with up to 6 tracks by combining the 3 different types of double tracked curves. Radii ranging from 11" to 18 7/8".
- Use double track approach tracks with a 22.5° curve to connect superlevated curves with regular tracks. These tracks are offered in sets containing a left and a right track.

To add catenary poles, please use "wide" versions which account for the trains banking.



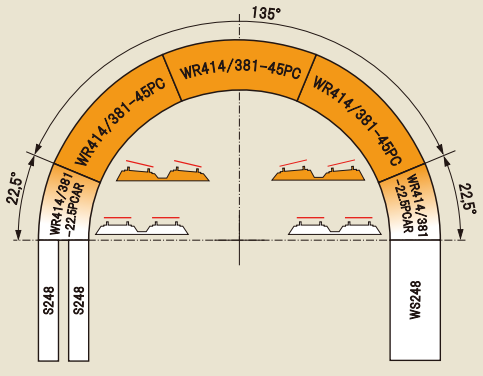
Concrete Tie Double Track Superelevated Curve 480/447mm (18 7/8"-17 5/8") 45°



Concrete Tie Double Track Superelevated Easement Curve Left, Right 480/447mm (18 7/8"-17 5/8") 22.5°

How to build superelevated curves:

For building superelevated curves, two types of tracks are required. At the beginning of each curve, an approach track slightly increases banking. It is followed by curved tracks with constant superelevation. You can install as many curved tracks as you want and thus determine the angle of the curve. At the end of the curve, another approach track is used for connecting with regular tracks. For ease of use, approach tracks are offered in sets containing a left and a right track. The abbreviations of those tracks end with "AL" and "AR" respectively.

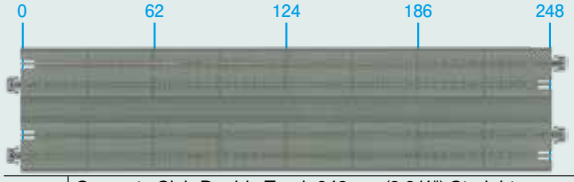


Tracks with superlevation are highlighted in orange for illustration purposes.

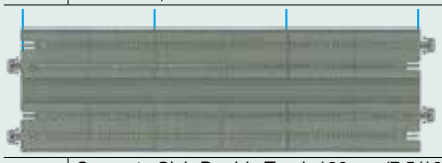
N UNITRACK Double Track Slab Tracks

The slab track is often depicted in scenes of urban subways, high-speed trains, as well as in tunnels. They follow double track standards, and 4 types of straight tracks, superelevated curve tracks with radius 16 5/16”-15” (R414/381mm) including the approach tracks, as well as a feeder track, are available.

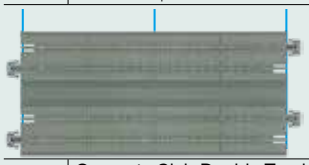
● Double Track Slab Straight Tracks



20-006 Concrete Slab Double Track 248mm (9 3/4") Straight
2 pcs
WS248S $14.00



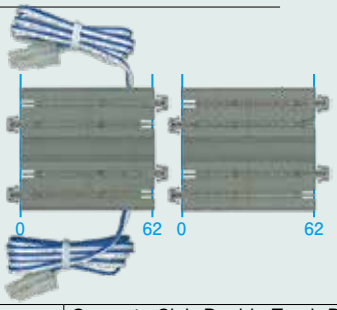
20-014 Concrete Slab Double Track 186mm (7 5/16") Straight
2 pcs
WS186S $13.00



20-025 Concrete Slab Double Track 124mm (4 7/8") Straight
2 pcs
WS124S $12.00

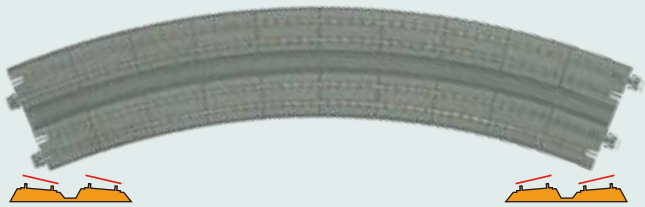


20-044 Concrete Slab Double Track 62mm (2 7/16") Straight
2 pcs
WS62S $11.00

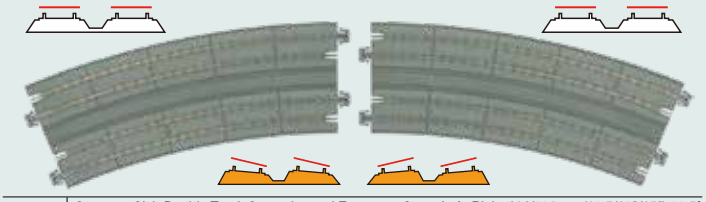


20-049 Concrete Slab Double Track Dual Feeder 62mm (2 7/16") Straight
1 set
WS62FS + WS62S $17.00

● Double Track Slab Superelevated Curve Tracks



20-187 Concrete Slab Double Track Superelevated Curve 414/381mm (16 5/16"/15") 45°
2 pcs
WR414/384-45S $15.00



20-188 Concrete Slab Double Track Superelevated Easement Curve Left, Right 414/381mm (16 5/16"/15") 22.5°
2 pcs
WR414/384-45SAL + WR414/384-45SAR $13.50

- **Concrete Slab Double Track 248mm (9 3/4") Straight** (WS248S) is the basic length of the straight track.
- **Concrete Slab Double Track 186mm (7 5/16") Straight** (WS186S) is 3/4 of the length of the (WS248PC).
- **Concrete Slab Double Track 124mm (4 7/8") Straight** (WS124S) is 1/2 of the length of the (WS248PC).
- **Concrete Slab Double Track 62mm (2 7/16") Straight** (WS62FS) is a track to feed electricity from the power pack to the rails. Cable Length: 2’ 9 15/32".
- **Concrete Slab Double Track Superelevated Easement Curve Left, Right 414/381mm (16 5/16"/15") 22.5°** (WR414/381-22.5SAL, WR414/381-22.5SAR) are 22.5 degree curved tracks to connect the straight tracks with the superelevated curved tracks.
- **Concrete Slab Double Track Superelevated Curve 414/381mm (16 5/16"/15") 45°** (WR414/381-45S) is best for more realistic N scale model railroad scenes, and high-speed train operations on wider curves.



Concrete Slab Double Track 248mm (9 3/4") Straight



Concrete Slab Double Track Dual Feeder
62mm (2 7/16") Straight



Concrete Slab Double Track Superelevated Curve
414/381mm (16 5/16"/15") 45°

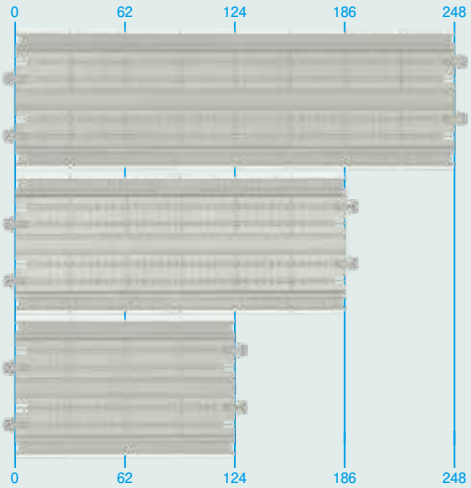


Concrete Slab Double Track Superelevated Easement Curve
Left, Right 414/381mm (16 5/16"/15") 22.5°

N UNITRACK Double Track Viaduct

For modeling modern, elevated railroad scenes check out our selection of slab roadbed viaduct track. There are various lengths of straight sections as well as curves, bridges, and inclined pier sets to take your model display to the next level!

Double Track Viaduct Straight Tracks

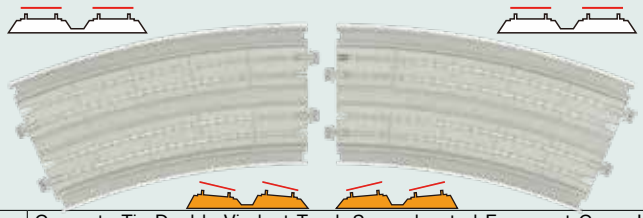


20-401	Double Track Straight Viaduct 9 3/4" 2pcs WS248VS $22.00
20-411	Double Track Straight Viaduct 7 5/16" 2Stk. WS186VS $21.00
20-422	Double Track Straight Viaduct 4 7/8" 2pcs WS124VS $20.00

Double Curved Viaduct Tracks



20-544	Concrete Tie Double Viaduct Track Superelevated Curve R414/381mm-45° (16 5/16"/15") 2pcs WR414/384-45VS $24.00

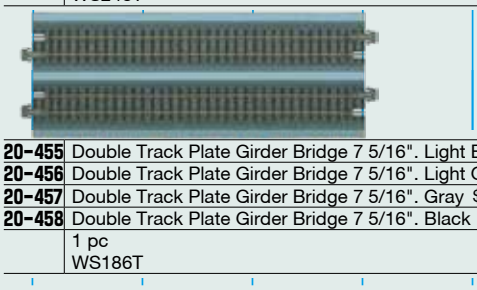


20-545	Concrete Tie Double Viaduct Track Superelevated Easement Curve Left-22.5°, Right-22.5° R414/381mm-45° (16 5/16"/15") 2 pcs WR414/384-22.5VSAL + WR414/384-22.5VSAR $16.00

Double Track Bridges



20-436	Double Truss Bridge 9 3/4". Light Blue $22.00
20-437	Double Truss Bridge 9 3/4". Silver $22.00
20-438	Double Truss Bridge 9 3/4". Black $22.00
20-439	Double Truss Bridge 9 3/4". Light Green $22.00
	1 pc WS248T



20-455	Double Track Plate Girder Bridge 7 5/16". Light Blue $26.50
20-456	Double Track Plate Girder Bridge 7 5/16". Light Green $26.50
20-457	Double Track Plate Girder Bridge 7 5/16". Gray $26.50
20-458	Double Track Plate Girder Bridge 7 5/16". Black $26.50
	1 pc WS186T

- **Double Track Straight Viaduct 9 3/4"** (WS248VS) is the basic length of the straight track.
- **Double Track Straight Viaduct 7 5/16"** (WS186S) is 3/4 of the length of the (WS248VS)
- **Double Track Straight Viaduct 4 7/8"** (WS124VS) is 1/2 of the length of the (WS248VS)
- **Concrete Tie Double Viaduct Track Superelevated Easement Curve Left-22.5°, Right-22.5° R414/381mm-45° (16 5/16"/15")** (WR414/381VSAL, WR414/381VSAR) is a 22.5 degree curved track to connect straight tracks with superelevated curved tracks.
- **Concrete Tie Double Viaduct Track Superelevated Curve R414/381mm-45° (16 5/16"/15")** (WR414/381-45VS) is best for more realistic N scale model railroad scenes, and high-speed train operation on wider curves.
- **Double Truss Bridge 9 3/4"** (WS248T) is the same length as the Double Track Straight Viaduct Track 9 3/4", and it includes an extra truss section and truss end cover pieces to connect multiple bridges.
- **Double Track Girder Bridge 7 5/16"** (WS186T) is the same length as the Double Track Straight Viaduct Track 7 5/16" (186mm), and recreates a typical urban style bridge that has a solid under-frame and ballasted roadbeds



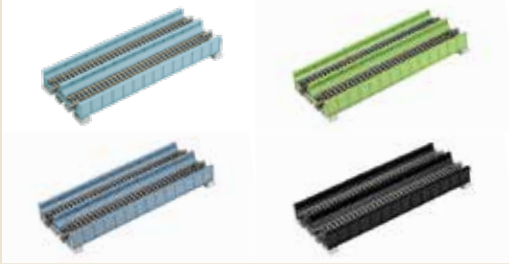
Double Track Straight Viaduct 9 3/4"



Concrete Tie Double Viaduct Track Superelevated Curve R414/381mm-45° (16 5/16"/15")



Double Truss Bridge 9 3/4".
20-436 Light Blue, **20-437** Silver, **20-438** Black,
20-439 Light Green



Double Track Plate Girder Bridge 7 5/16"
20-455 Light Blue, **20-456** Light Green, **20-457** Gray,
20-458 Black

N UNITRACK Piers for Bridges and Viaducts

Building layouts with bridges and viaducts is very easy with KATO UNITRACK. Various types of pillars allow for an individual design.

Piers For Single Track Bridges And Viaducts



23-015-1 Incline Pier Set 15-50mm (1/2" to 2")
12 pcs $20.00

- 2x Stairs (5mm)
- 2x Pier No. 1 (15mm)
- 2x Pier No. 2 (25mm)
- 2x Pier No. 3 (35mm)
- 2x Pier No. 4 (45mm)
- 2x Pier No. 5 (50mm)
- 10x Sockets for catenary poles

Starting with the stairs, piers No. 1 to No. 1 form an incline with a height of 50mm. With this set you can build two inclines for ascending and descending.



23-016-1 Gradual Incline Pier Set
12 pcs $16.00

- 2x Sockets (2.5mm)
- 2x Pier No. 0.5 (10mm)
- 2x Pier No. 1.5 (20mm)
- 2x Pier No. 2.5 (30mm)
- 2x Pier No. 3.5 (40mm)
- 2x Pier No. 4.5 (47.5mm)

Use in combination with **23-015-1** Incline Pier Set 15-50mm (1/2" to 2"). Suitable to use for the middle brace of the single viaduct a track and other use to represent realistic positioning of piers.



24-817 S-Joiner
20 pcs $6.50

Used for joining bridges and viaducts and connecting to with piers. The ingenious design of the joiner keeps bridges and viaducts connected while allowing pivoting for use on both level and inclines.



23-017-1 Piers 50mm (2")
5 pcs $15.00

- 5x Pier No. 5 (50mm)
- 5x Sockets for catenary poles

Piers with a standard-height of 50mm (2")



23-047 Bridge Pier No. 5 50mm (2")
5 pcs $13.00

- 5x Pier No. 5 (50mm)
- 5x Socket for catenary pole"

Oval shaped piers used in rivers or streams. Designed for use with single deck girder bridges, but can be used with other bridges and viaducts as well.



23-069 Single Track Bridge Pier #5 with Trapezoid Shape
5 pcs $22.00

- 5x Single Track Bridge Pier #5
- 5x Trapezoidal inspection deck
- 5x Socket for catenary poles

Fits nicely to the Single Deck Girder Bridge. Includes 5 pieces of inspection deck parts, and 5 pieces of catenary pedestal for modern types of catenary poles.



23-068 Pier Raising Kit With Trapezoid Shape
5 pcs $13.00

- 5x Upper expansion pier (37mm)
- 5x Lower expansion pier (20mm)
- 5x Pedestal

A set with 3 components of the upper expansion piers, lower expansion piers, and pedestals. 5 pairs in the set. Used in combination with 23-069 Single Track Bridge Pier #5 with Trapezoid Shape to expand the height of piers to 90mm (3 9/16") or 110mm (4 5/16").

Piers For Double Track Bridges And Viaducts



23-019 Double Track Pier 50mm (2")
6 pcs $19.00

- 6x Double Track Pier 50mm (2")
- 6x Socket for catenary pole

For double track truss bridges. Can also be used for viaduct double tracks. Includes six catenary pole bases and six S-Joiners.



23-020 Double Track Pre-Cast Pier
6 pcs $19.00

- 6x Double Track Pre-Cast Pier
- 6x Socket for catenary pole

Framework-type piers with six legs for viaduct double tracks. Includes six bases for wide catenary poles.



23-048 Double Track Incline Pier Basic Set – Standard
12 pcs $50.00

- 2x Double track ramp 7 5/16"
- 2x Pier A1 (5mm)
- 2x Pier A2 (18mm)
- 2x Pier A3 (28mm)
- 2x Pier A4 (38mm)
- 2x Pier 50mm
- 10 Socket for catenary pole

A pier set for creating the transition from ground level to elevated double tracks. Includes ten bases for wide catenary poles. The legnth of the included double track ramp is 186mm or 7 5/16 inches.



23-049 Double Track Gradual Incline Pier Set
10 pcs $30.00

- 2x Pier B1 (13mm)
- 2x Pier B2 (23mm)
- 2x Pier B3 (33mm)
- 2x Pier B4 (43mm)
- 2x Pier B4.5 (45.5mm)
- 10x Socket for catenary pole

By adding these to the standard set, you can set up the piers at realistic intervals.

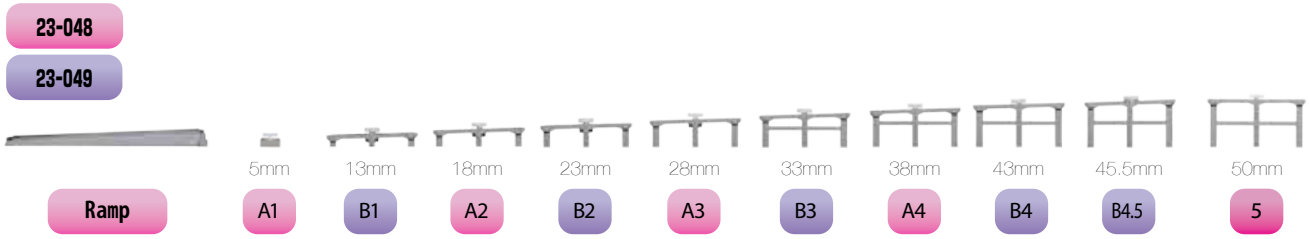
N UNITRACK Piers for Bridges and Viaducts

By combining the different pillar sets for KATO UNITRACK, not only can attractive routes be built, but the gradient of ascents and descents can also be made more gradual.

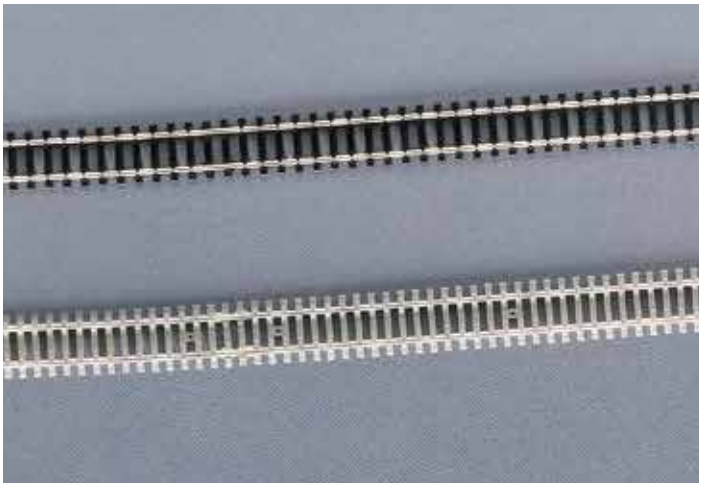
Building Elevated Tracks With UNITRACK



Combine the incline pier sets **23-015-1** and **23-016-1** to achieve a more gradual ascent and descent. Just replace the special connectors of the set **23-016** with the regular S-Joiner **24-817** and position them according to the picture on this page. In this way, inclines can be spread out to 6.6 foot (2m) long. Long double-track inclines can also be easily built by combining sets **23-048** and **23-049**.



N Scale Permanent Track Products



21-000	Flexible Track 808mm (31 13/16") 1 pc $6.00
21-001	Flexible Track 808mm (31 13/16") with concrete ties 1 pc $7.00

Due to it's flexible rails and sleepers the flexible track can be bent into any desired shape. Ranging from narrow turns to wide curves for scenic sections or S-bends the flexible track fits every application. It can be easily cut to length with pliers.

20-099	Roadbed Joiner 2 pcs $5.00

This special piece of track is designed to ease the transition from KATO UNITRACK to flexible track. Simply slide the rails from the end of the flexible track into the sleepers and UniJoiner. This provides a reliable connection and makes the use of flexible track even easier.



Cables



24-805

Terminal Joint (blue, white)
90cm (35")
1 pc $5.00



24-825

DC Extension Cord 90cm (35")
1pc $4.00

Setting Items for Permanent Tracks



24-010

Cork Roadbed
900mm (36")
1 pc $6.00



24-015

Flexible Track
Mounting Nails
13mm (1/2") 10g
$3.50



24-810

Flexible Track
Joiner
12 ea $2.00

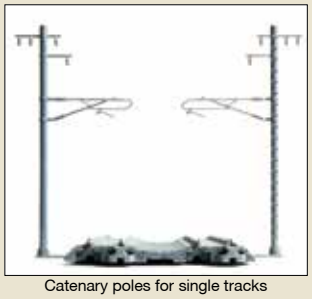


24-811

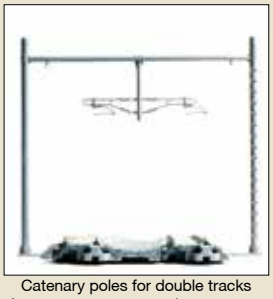
Flexible Track
Insulated Joiner
10 ea $2.50

N UNITRACK Catenary Poles





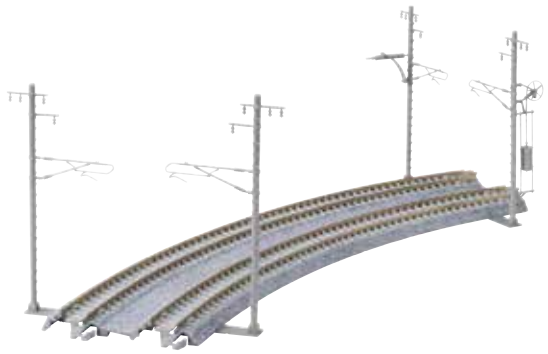
Catenary poles for single tracks



Catenary poles for double tracks feature a cross-supporting structure

Design urban scenes and high-speed sections featuring viaducts with catenary poles. Use the wide version which can be attached to viaducts.





23-066-1	Single Track Wide Catenary Poles (Gray) $15.00
23-066-2	Single Track Wide Catenary Poles (Silver) $15.00
	20 pcs

Modern catenary pole for single-track local traffic or high-speed routes. The poles can be used with superelevated curves. This set contains 20 catenary poles in two different versions and 4 tension adjusters.



23-067-1	Double Track Wide Steel Beam Catenary Poles (Gray) $18.00
23-067-2	Double Track Wide Steel Beam Catenary Poles (Silver) $18.00
	12 pcs

Modern catenary pole with a cross-supporting structure for local traffic and high-speed rail. The catenary poles come in a wide version suitable for use with superelevated curves. The set includes 12 poles in two different versions and 4 tension adjusters.

N UNITRACK Catenary Poles



23-059-1 Single Track Catenary Poles
16 pcs $8.50

Concrete catenary poles widely used on single-track sections, relatively new electrified sections, and Shinkansen lines. The set includes a total of 16 poles in two different types with different overhead support systems. They can also be used for double-track elevated tracks.



23-065-1 Single track Steel Catenary Pole
20 pcs

This type of catenary pole is perfect for modeling Swiss railways. This set includes 20 poles with cantilevers in two different versions.





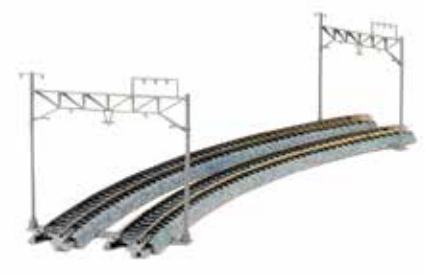
23-058-1 Single Track Warren Brace Catenary Pole
12 pcs $30.00

This steel catenary pole faithfully recreates the truss structure of the prototype. With the included single-track warren brace catenary pole for truss bridges it can be used as a single-track deck girder catenary pole (see right image) or with the Catenary Pole Base Set **23-056**, it can be used on ground or elevated single-tracks. Movable brackets in long and short (6 each) are also included.



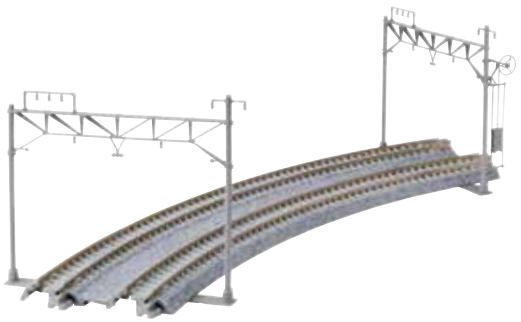
23-057-1 Modern Double Catenary Support Set
10 pcs $15.00

These double-track arch catenary poles are commonly seen on newer segments of track. Double-track spacing is 33 mm, which conforms to double-track plate tracks, UNITRACK, and fixed tracks. The set includes a total of 10 poles in two different types with different overhead support systems and two tension adjusters.



23-060-1 Double Track Catenary Pole
8 pcs $12.00

This is the most common type of catenary pole on main trunk lines and private double-track sections where the catenary pole support beam is in the shape of a truss. The spacing is 33 mm in accordance with UNITRACK standards.



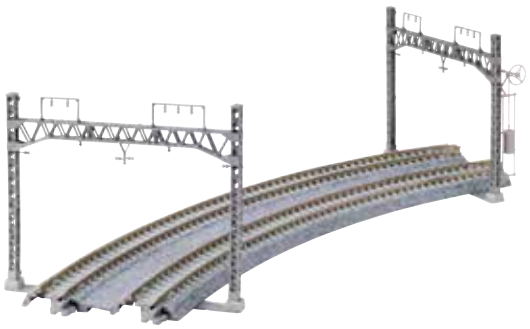
23-061 Double Track Wide Catenary Poles
10 pcs $16.50

A type of double-track overhead catenary pole made of concrete attached to the outside of side walls. It is canted and wide enough to be used on double-tracks. The set includes 2 tension adjusters.



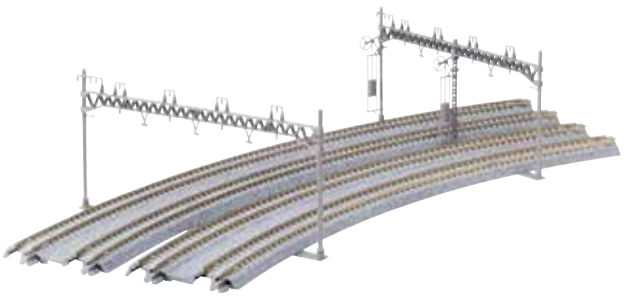
23-062 Double Track Wide Arch Catenary Poles
10 pcs $16.00

Double-track arch catenary poles commonly seen on new lines and improved sections of conventional lines, wide enough to fit double tracks. The set includes a total of 10 poles in two different types with different overhead support systems and two tension adjusters.



23-063 Truss Catenary Pole for Double-Track
6pcs $20.00

Double-track catenary poles with lamen truss construction, wide enough to be used even on canted double-tracks. They can be used on the ground as well as on elevated tracks.



23-064 Truss Catenary Pole for Four-Wide Track
10 pcs $20.00

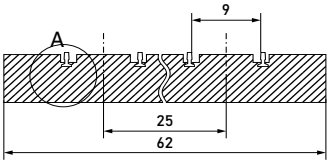
Catenary poles spanning four lines used on quadruple tracks. They are wide enough to be used on double tracks with cant. A pole with a tension adjuster in the center can also be placed on straight tracks.

UNITRAM

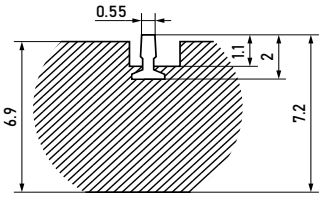
UNITRAM is a compact layout (diorama) system that fits on a tabletop and lets you create a street in N scale with a tram at its center.



UNITRAM track dimensions (cross section)



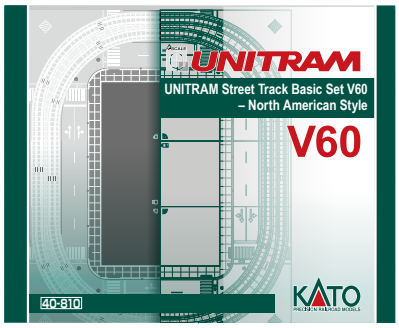
Detail A: Rail dimensions



The special tracks for UNITRAM feature N gauge tracks, however compared to regular UNITRACK, the track spacing for double track has been narrowed down to 25 mm to help create the impression of dense city scenery.

With UNITRAM you can easily build urban scenes with trams meandering through the streets. The various track types available can be as easily put together as regular UNITRACK tracks and provide the same reliable connection. Special road plates can be attached to the sides thus forming streets and entire blocks. Additional accessory such as stations and buildings, figures, and lights will let you create stunning cities as N scale diorama.

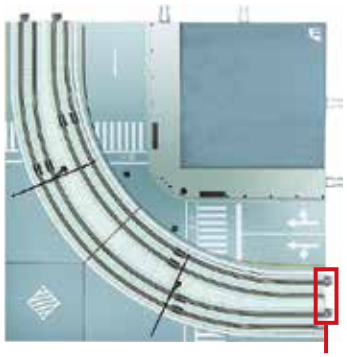
Variation Sets



40-810 UNITRAM V60 North American Style $240.00

Desired by modelers looking to create urban and city type environments in which to operate their trains UNITRAM offers a versatile street track system that integrates with the included road places to create the illusion of a city environment. This Set is based on a North American street style.

NEW! US-Style UNITRAM Track



Thanks to the UniJoiner design, it is fully compatible with existing UNITRACK pieces, making layout integration easy! Overall, the entire appearance of Kato's UNITRAM track has been revised to better match US street, with manholes, studded crossing markers, and concrete sidewaiks, all the while maintaining total compatibility with existing UNITRAM track sections!



40-811 TV1 UNITRAM Oval Track Set $285.00

This set contains all elements neccessary for building a street block contained in a oval track with stop. Including additional accessories like catenary poles and further decorative elements for a more realistic presentation.



40-812 TV2 UNITRAM Figure-Eight Crossing Expansion Set $310.00

By combining this set with the **40-811** TV1 UNITRAM Oval Track Set, you can create a sprawling figure 8 street track that intersects with itself. This way, you can easily recreate a right-angled intersection where trams are often seen in real life.



40-813 TV3 UNITRAM Doublr-Wide Straight Track Expansion Set

Extends the **40-811** TV1 UNITRAM Oval Track Set by the equivalent of a 186mm of straight track. The 186mm straight track sections are flanked by road sections on both sides; one comes with a pedestrian crossing, one without (2x 186mm × 434mm plate).



40-814 TV4 UNITRAM Street Track to Concrete Tie Double Track Expansion Set $145.00

The TV4 UNITRAM Straight Track Set is a set made to link UNITRAM (double track interval: 25mm) and UNITRACK (double track interval: 33mm) with each other. It comes with tracks to change the interval of tracks, as well as track/road plates and accessories. Can also be connected to double tracks from V14 and the like. Layout size: 434mm x 434mm.

UNITRAM



40-815 | TV5 UNITRAM Street Track Straight Track Expansion Set $85.00

The TV5 UNITRAM Straight Track Expansion Set extends the TV1 UNITRAM Oval Track Set by the equivalent of a 124mm of straight track. It contains two sets of straight track plates, which are 124mm in length, flanked by road plates on both sides (2x 124mm x 434mm plate).



40-822 | UNITRAM Street Set $50.00

The UNITRAM Street Set allows the placing of roads and buildings on the outer sides of the TV1 UNITRAM Basic Set. Buildings or roads can be placed on both sides of the surface track.



40-823 | UNITRAM Four way street intersection Set $115.00

Placing the UNITRAM Four-Way Street Intersection Set on the outer sides of the TV1 UNITRAM Basic Set allows trams to gracefully pass a large intersection.

Street Tracks



40-014 | UNITRAM Street Track Straight 186mm (7 5/16") 1 pc TWS186 $27.00



40-024 | UNITRAM Street Track Straight 124mm (4 7/8") 1 pc TWS124 $24.00



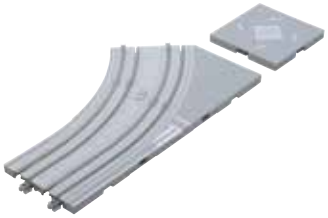
40-025 | UNITRAM Street Track to Unitrack Conversion Track 124mm (4 7/8") 2 pcs TWA124PC $23.00

5



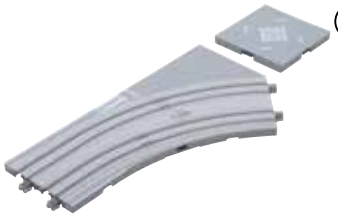
40-033 | UNITRAM Street Track Straight 62mm (2 7/16") 1 pc TWS62 $19.00

1



40-103 | UNITRAM Street Track Curve R180mm-45° Left 1 pc TWR180L $33.00

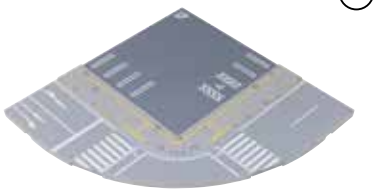
2



40-104 | UNITRAM Street Track Curve R180mm-45° Right 1 pc TWR180R $33.00

Crash barriers are sold separately

7



41-101 | UNITRAM Quarter Circle Inner Road Plate 1 pc $12.00

3



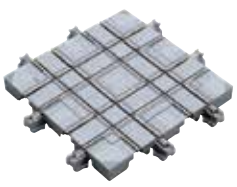
40-212 | UNITRAM Street Track Electric Turnout R180mm Left 1 pc TWEP180L $85.00

4

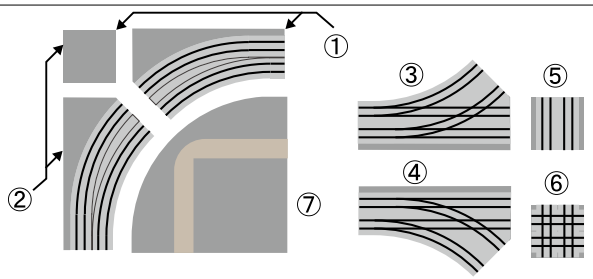


40-213 | UNITRAM Street Track Electric Turnout R180mm Right 1 pc TWEP180R $85.00

6



40-301 | UNITRAM Street Track 62mm 90° Crossing Section 1 pc TW-X90 $30.00



Numbers 1 through 7 correspond to the numbers shown on the actual packaging for each product.

UNITRAM

The UNITRAM E series lineup contains street tracks and street plates without printings and markings expanding the design possibilities. The series is also aimed at price-conscious tram enthusiasts to make it easier for them to get started with KATO UNITRAM.

E Series Street Tracks and Street Plates



40-014-E UNITRAM E series Street Track Straight 186mm (7 5/16")
1 pc TWS186 $20.00



40-024-E UNITRAM E series Street Track Straight 124mm (4 7/8")
1 pc TWS124 $16.00

5



40-033-E UNITRAM E series Street Track Straight 62mm (2 7/16")
1 pc TWS62 $12.00

1



40-103-E UNITRAM E series Street Track Curve R180mm-45° Left
1 pc TWR180L $24.00

2



40-104-E UNITRAM E series Street Track Curve R180mm-45° Right
1 pc TWR180R $24.00

4



40-212-E UNITRAM E series Street Track Electric Turnout R180mm Left
1 pc TWEP180L $72.00

4



40-213-E UNITRAM E series Street Track Electric Turnout R180mm Right
1 pc TWEP180R $72.00

6



40-301-E UNITRAM E series Street Track 62mm 90° Crossing Section
1 pc TW-X90 $22.00



43-731
Tram Catenary Pole Set
10 pcs $9.50
Contains 6 poles for straight tracks and 4 with longer cantilever for curved tracks.



44-847
Tram Feeder Power Cable
1 pc $9.50



41-101-E UNITRAM E series Center Road Plate 186mm (7 5/16") 2 pcs $18.00



41-102-E UNITRAM E series Intersection Road Plate 1 pc $24.00

7



41-103-E UNITRAM E series Quarter Circle Inner Road Plate 1 pc $20.00

Station Kits



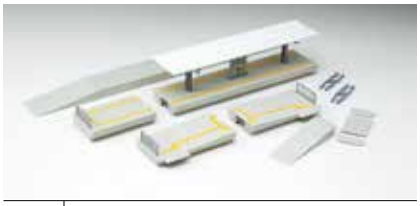
43-733 UNITRAM Tram Stop Kit $25.00

Modern, barrier-free street track platforms left side and right side. The kit is designed for easy assembly; no need for glue. Just snap the finished platforms into the straight street track plate.



23-140 Street Car Type Platform Set (L & R) $42.00

Double-sided station platforms with roofs for light rail and local traffic trains. The lengths are 7 5/16" (186mm) for UNITRAM use and 7 15/16" (202mm) for UNITRACK use.



23-141 Light Rail Low Platform Set $27.00

Light rail transport (LRT) platforms for use in UNITRACK sections. Corresponds to the double track span of 1 15/16" (49.5mm). Includes left and right side slopes, a slope for buses, and track crossing boards. Length: 9" (229mm).

N UNITRACK Compact

UNITRACK Compact makes it possible to create small track plans within the size of 12 13/16" x 22 9/16" (325mm x 573mm). These track sets and individual track pieces are perfect for train displays on small tables as well as connecting to the KATO UNITRAM system or for use with our Mini Dioramas. While not all of our models can run on these small radius curves, trains like our MyTram or narrow gauge Small England locomotives, and Pocket Line series are an excellent fit.



20-890 CV1 UNITRACK Compact Oval Set
13 pcs $42.00

Basic oval track set with the dimensions 12 13/16" x 22 9/16" (325mm x 573mm).

Set Contents:
- 8x Curved Track R150mm (6")-45°
- 3x Straight Track 4 7/8"
- 1x Straight Track 2 7/16"
- 1x Feeder Track 2 7/16"
- 1x Rerailer



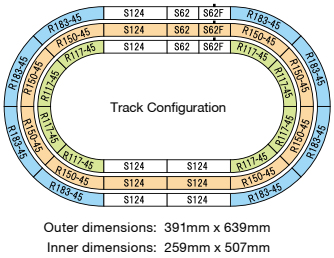
20-891 UNITRACK Compact Multi-purpose Turnout Set
6 pcs $110.00

Set Contents:
- 1x Electric Turnout 150mm (6")-45° Left
- 1x Electric Turnout 150mm (6")-45° Right
- 2x Curved Track R150mm (6")-45°
- 2x Turnout Control Switch



20-892 UNITRACK Compact Set CV3
18 pcs $45.00

Set Contents:
- 3x Straight Track 9 3/4"
- 1x Straight Track 4 7/8"
- 1x Rerailer Track 4 7/8"
- 1x Straight Track 2 7/16"
- 1x Feeder Track 2 7/16"
- 1x Straight Track 1 3/4"
- 8x Curved Track R150mm (6")-45°
- 1x 90° Crossing 4 7/8"
- 1x Rerailer



Outer dimensions: 391mm x 639mm
Inner dimensions: 259mm x 507mm

20-890
CV1 Contents

20-172
Curved Track R183mm (7")-45°
(Sold separately)

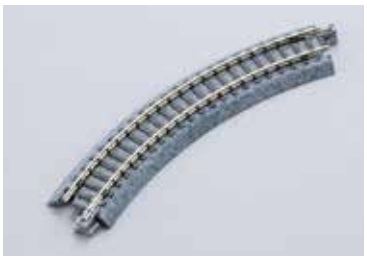
20-174
Curved Track R117mm (4 5/8")-45°
(Sold separately)

Straight Tracks
(Sold separately)



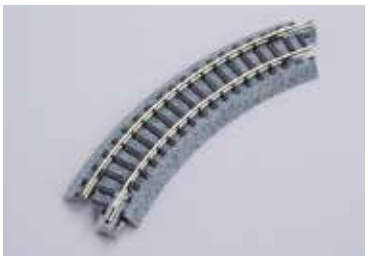
20-172 Curved Track
R183mm (7")-45° 4 pcs
R183-45
$11.00

4 pieces of the Curved Track R183mm (7")-45° for the outside curve of the Curved Track R150mm (6")-45°. 2 sets make a complete circle.



20-174 Curved Track
R150mm (6")-45° 4 pcs
R150-45
$11.00

4 pieces of the Curved Track R150mm (6")-45°. Same radius as the tracks in the **20-890** CV1 UNITRACK Compact Oval Set.



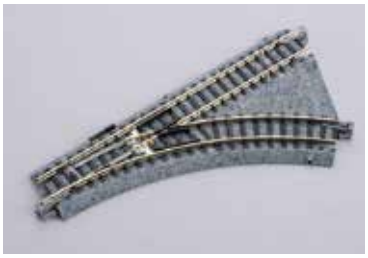
20-176 Curved Track
R117mm (4 5/8")-45°
4 pcs R117-45
$11.00

4 pieces of the Curved Track R117mm (4 5/8")-45° for the inside curve of the Curved Track R150mm (6")-45°. 2 sets make a complete circle.



20-240 Electric Turnout
150mm (6")-45° Left
1 Stk.
EP150-45L
$45.00

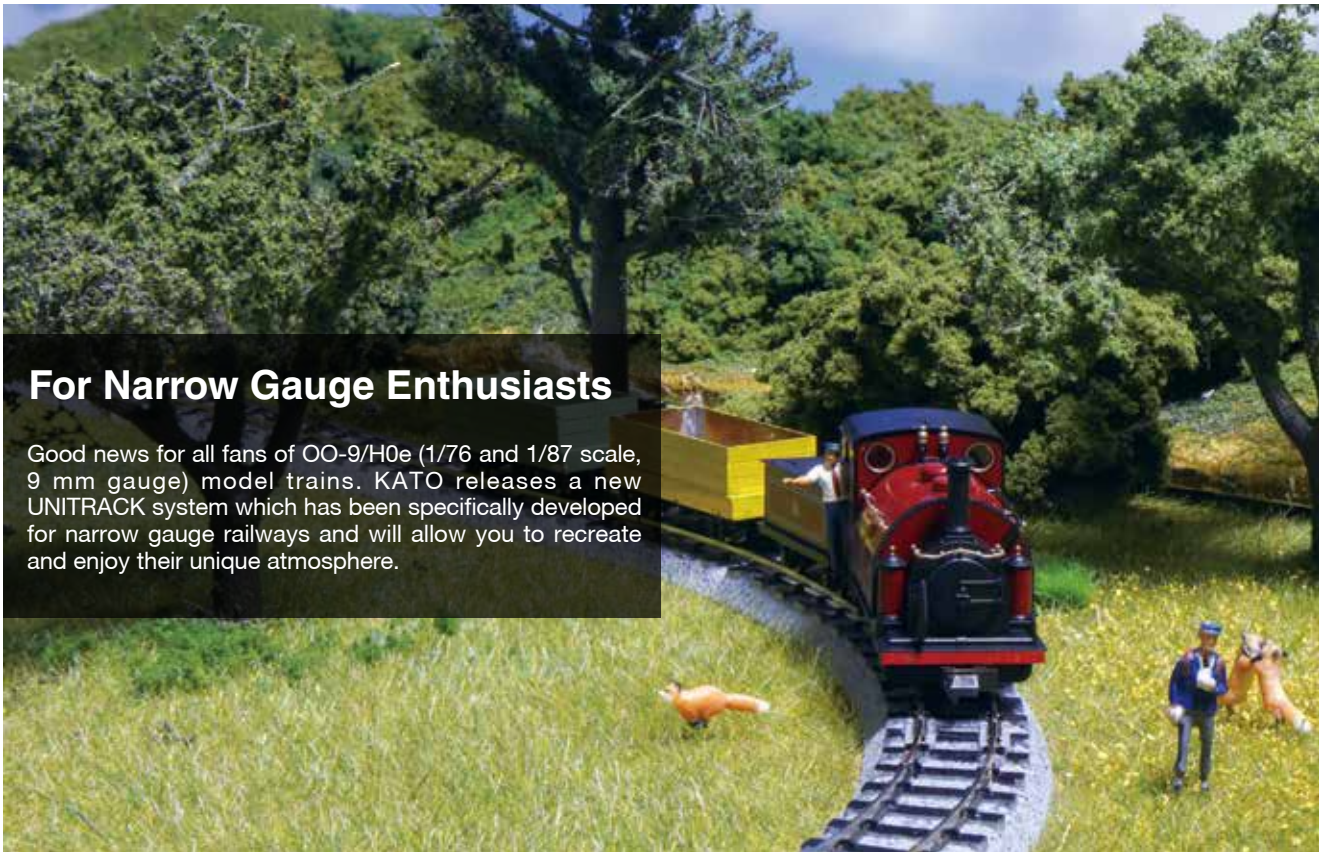
Electric turnout with R150mm (5 15/16") - 45 degree left curve.



20-241 Electric Turnout
150mm (6")-45° Right
1 pc EP150-45R
$45.00

Electric turnout with R150mm (5 15/16") - 45 degree right curve.

Attention: UNITRACK Compact is not compatible with regular N scale trains and can only be used by specific trains, such as UNITRAM, Pocket Line, and other trains that use small motors. For the smallest passable curve radius of any given train, please consult this catalog or the model's user manual. If the radius is not written, it is always curve R249.



For Narrow Gauge Enthusiasts

Good news for all fans of OO-9/H0e (1/76 and 1/87 scale, 9 mm gauge) model trains. KATO releases a new UNITRACK system which has been specifically developed for narrow gauge railways and will allow you to recreate and enjoy their unique atmosphere.

Straight Tracks



52-120 Narrow Gauge UNITRACK 124mm (4 7/8") Straight Track 4 pcs NS124 $15.00



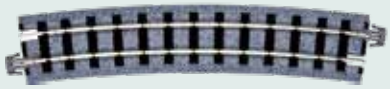
52-140 Narrow Gauge UNITRACK 62mm (2 7/16") Straight Track 4 pcs NS62 $13.50

52-141 Narrow Gauge UNITRACK 62mm (2 7/16") Feeder Track 1 pc NS62F $8.00

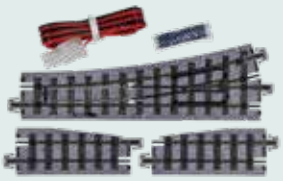
Curved Tracks



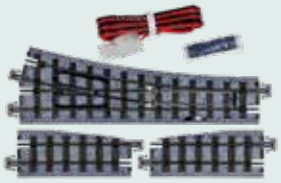
52-220 Narrow Gauge UNITRACK 183mm (7") Radius 45 Curve Track 4 pcs NR183-45 $16.00



52-250 Narrow Gauge UNITRACK 183mm (7") Radius 45 Curve Track 4 pcs NR481-15 $10.00



52-300 HOe Electric Turnout #4 Left [NEP481-15L] $33.00



52-301 HOe Electric Turnout #4 Right [NEP481-15R] $33.00

The perfect start for all, who wish to discover to the world of narrow gauge railroads!



52-850 Narrow Gauge UNITRACK Oval Track Set with Power Pack Standard SX 14 pcs $145.00

Set Contents:

- 1x Narrow Gauge UNITRACK 124mm (4 7/8") Straight Track
- 1x Narrow Gauge UNITRACK 62mm (2 7/16") Straight Track
- 1x Narrow Gauge UNITRACK 62mm (2 7/16") Feeder Track
- 8x Narrow Gauge UNITRACK 183mm (7") Radius 45 Curve Track
- 1x Power Pack Standard SX
- 1x KATO Power Supply 12V
- 1x Rerailer



ポケットライン

Pocket Line and UINTRACK Compact

Explore the adorable world of N scale model trains!

Big fun in a small space!



20-800 | Mini Oval Track Set with KATO Pocket Line Controller $90.00

This track set is designed for the Pocket Line series and Trams, offering an enjoyable operating experience in a compact space. Featuring an easy-to-use Pocket Line controller, it allows you to enjoy model train operation right on your tabletop. Even beginners can easily experience the fun of model railways.

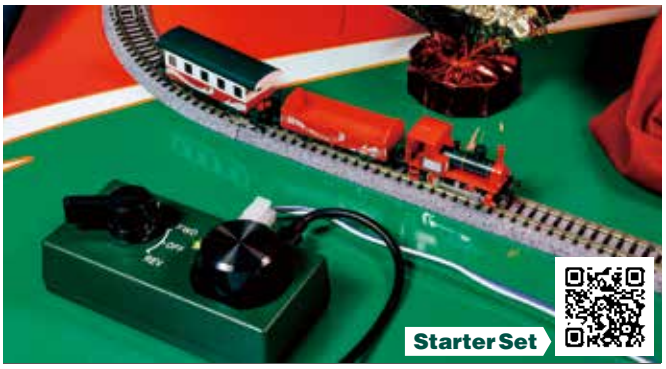
Mini-Diorama Kit (25-917) or Mini Diorama Base Sets (28-800/900) can be combined directly with this track set, allowing trains to run through your very own handmade scenes. You can use the included laser-cut bridge piers to adjust the height and align the diorama with the track. ※If you want to operate trains different from Pocket Line series, please use Power Pack Standard SX.



22-015 | Pocket Line Controller $42.00

This compact, palm-sized controller is ideal for enjoying the Pocket Line series and UNITRACK Compact. It features a simple, user-friendly design with just two functions: speed control and forward/reverse direction switching. ※This product does not feature an accessory power output for operating electric turnouts or other accessories. ※Only the controller unit is included. A commercially available USB Type-C cable and USB power adapter are required separately.





107-0200 | Pocket Line Christmas Train Starter Set (DC Silent) - N Scale $160.00



This compact, palm-sized controller is ideal for enjoying the Pocket Line series and UNITRACK Compact. It features a simple, user-friendly design

•Input: DC 5V / 500mA (USB Type-C) •Output: DC 0–5V •Current: 200mA (0.2A) •Control Method: Transistor voltage control •Safety Protection: PolySwitch (automatic power cutoff / reset) •Power Supply: USB Type-C cable + USB power adapter

※USB PD (Power Delivery / fast charging) is not supported.

10-503-1 | Pocket Line Series Steam Locomotive



10-504-2 | Pocket Line Electric Freight Car Set (Blue)



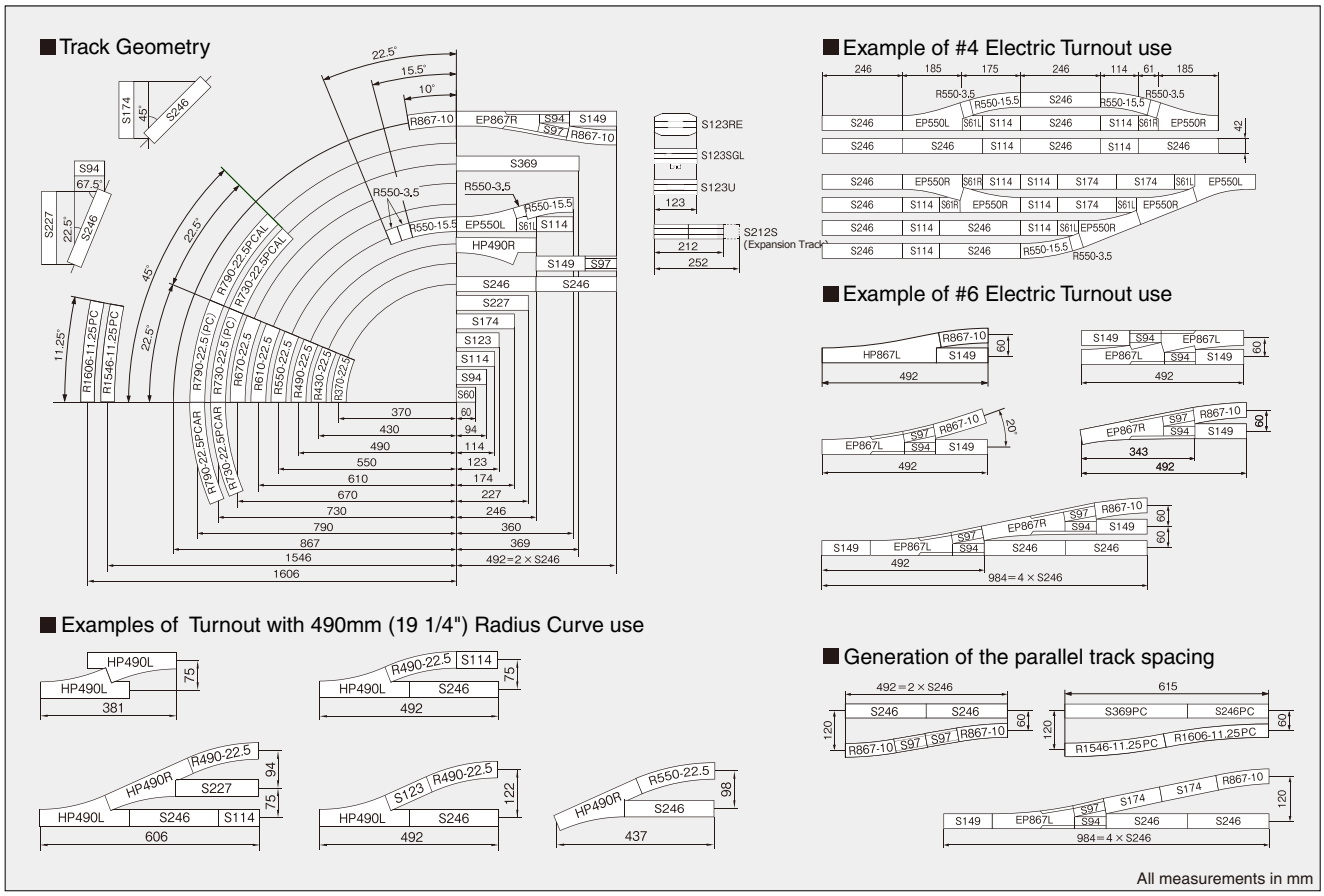
12-25 | Pocket Line Christmas Steam Locomotive Set



Actual size R150mm

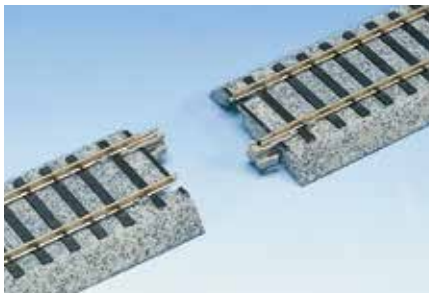
HO UNITRACK Standards & Measurements

With a variety of straight, curved, and turnout tracks, HO UNITRACK can be used with various HO model railroad scenes. As with N scale UNITRACK, reliable UniJoiners connect each track with a simple snap, and wiring is simple with our complete system of connectors.



KATO HO UNITRACK is developed with the same concept as N scale UNITRACK for easy, simple, and secure operation. The tracks work perfectly not only for operation on the floor, but also with modular layouts as well as permanent layouts. Turnouts can be applied to many track configurations with the included supplemental tracks.

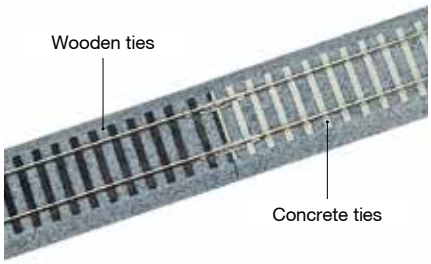
HO UNITRACK Features



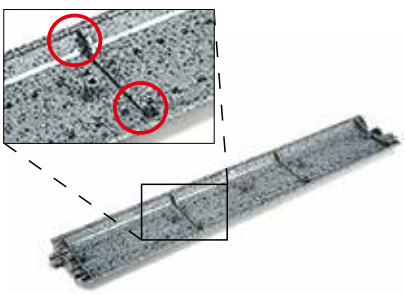
Physically and electrically secure connection with patented UniJoiners same as N UNITRACK. Uni-Joiners can be easily swapped around.



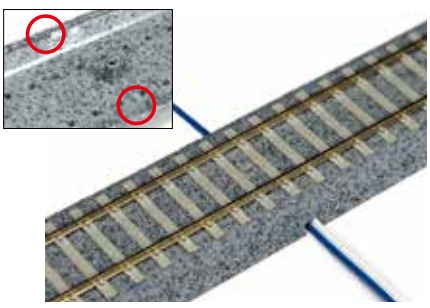
Simple and secure wiring with systematic KATO controllers and components.



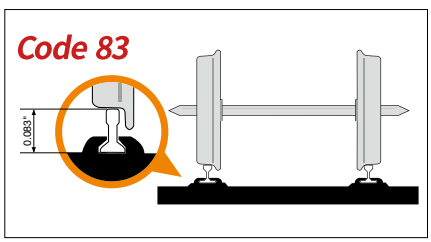
Wooden ties and concrete ties are available depending on your desired railroad era or scene.



Reinforcement ribs on the backside of the roadbed allow for heavy brass car operation.



A loophole for passing the wire through for double track operation can be made easily by cutting the edge of the roadbed following the guidelines.



The rails of the HO scale UNITRACK are made with Code 83. The rail height is 0.083 inches (2.11 mm). By using Code 83 rails and sleepers with fitting density, the tracks perfectly match Japanese-style HO scale. Code 83 is derived from the 0.083 inch rail height.

HO UNITRACK Track Sets

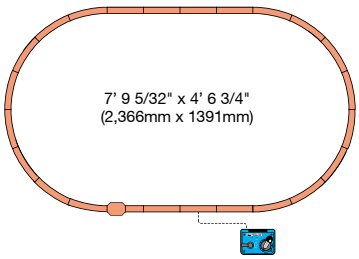
HO UNITRACK is an HO track system with roadbed, which offers the desired easy operation of HO models and a realistic appearance. There are convenient track sets available to easily expand track plans. HO UNITRACK can be used for temporary layouts as well as for permanent layouts.



3-105 HO HM1 R670mm (26 3/8") Basic Oval Track Set with Power Pack Standard SX
29 pcs $230.00

Basic oval track set with the Power Pack Standard SX for easy operation of HO models. The Power Pack SX in this set is reliable and simple to operate. The radius of the curved tracks in this set is 26 3/8" (R670mm), so not only KATO HO models, but also many other manufacturers' models can be operated.

Set Contents:
- 7x Straight Track 9 3/4"
- 1x Feeder Track 9 3/4"
- 1x Straight Track 4 7/8"
- 16x Curved Track R26 3/8"-22.5
- 1x Rerailer
- 1x Power Pack Standard SX
- 1x KATO Power Supply 16V

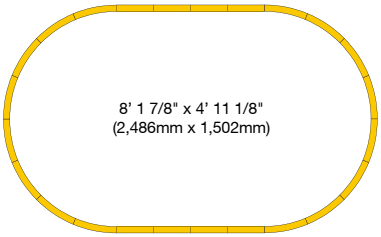




3-111 HO HV1 R730mm Outer Track Oval (28 3/4")
25 pcs $140.00

This set creates an outside oval for the **3-105** HM-1 R670 (26 3/8") Basic Oval Track Set with Power Pack Standard SX. It creates the standard track span of 2 3/8" (60mm) for double track operation. The Curved Track R26 3/8"-22.5 make wider curves for smooth turns and more prototypical operations.

Set Contents:
- 7x Straight Track 9 3/4"
- 1x Feeder Track 9 3/4"
- 16x Curved Track R28 3/4"-22.5°
- 1x Rerailer

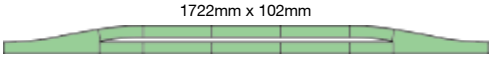




3-112 HO HV2 Passing siding track set with #6 manual turnout
12 pcs $150.00

This set creates a passing siding section and can be used together with the **3-105** HM-1 R670 (26 3/8") Basic Oval Track Set with Power Pack Standard SX. The length of the siding is 39 3/8" (750mmm), which is capable of supporting multiple car lengths. With the optional **2-503** & **2-504** DC Turnout Machine Left & Right, the turnouts can be electrified.

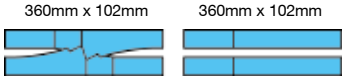
Set Contents:
- 1x Left Turnout with 867mm (34 1/8") Radius Curve
- 1x Right Turnout with 867mm (34 1/8") Radius Curve
- 2x Curved Track R34 1/8"-10°
- 6x Straight Track 9 3/4"
- 2x Straight Track 5 7/8"





3-113 HO HV3 Interchange track set with #4 Electric Turnouts
14 pcs $130.00

This set creates a single crossover section from the inside to the outside track with simplified #4 turnout track pieces. Additional 9 11/16" (S246) and 4 1/2" (S114) straight tracks are included to adjust the straight length of a double track oval. A standard double track span of 2 3/8" (60mm) can be created. The turnouts have built-in electric turnout machines with a smooth appearance, and there are insulated UniJoiners included in the set to prevent a short circuit at the crossover point.



Set Contents:
- 2x Straight Track 9 3/4"
- 4x Straight Track 4 1/2"
- 2x Left Turnout with 550mm (21 5/8") Radius Curve
- 1x Turnout Control Switch
- 1x 3-Way Extension
- 2x Insulated UniJoiner

HO UNITRACK Track Sets

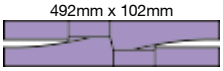


3-114 HO HV4 Interchange track set with #6 Electric Turnouts
14 pcs $135.00

A set to create a larger radius crossing than the **3-113** HV-3 Set. It's possible to select both Power Routing and Non-Power Routing modes, so this can be used in both DC and DCC operation. A standard double track span of 2 3/8" (60mm) can be created. The turnouts have built-in electric turnout machines with a smooth appearance, and there are Insulated UniJoiners included to prevent a short circuit at the crossover point.

Set Contents:
- 2x Straight Track 5 7/8"
- 2x Electric Turnout #6, Left 492mm (19 3/8"), R867-10° (R34 1/8"-10°)
- 1x Turnout Control Switch
- 1x 3-Way Extension
- 2x Insulated UniJoiner

492mm x 102mm

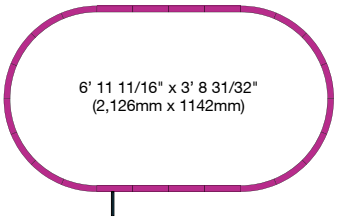




3-115 HO HV5 R550 (21 5/8") Basic Oval Track Set
26 pcs $130.00

A set to create a compact oval track plan with R550mm (21 5/8") curved tracks in a limited space.

Set Contents:
- 7x Straight Track 9 3/4"
- 1x Feeder Track 9 3/4"
- 16x Curved Track R21 5/8"-22.5°
- 1x Rerailer





3-131 HV21 3-Color Automatic Signal
9 pcs $200.00

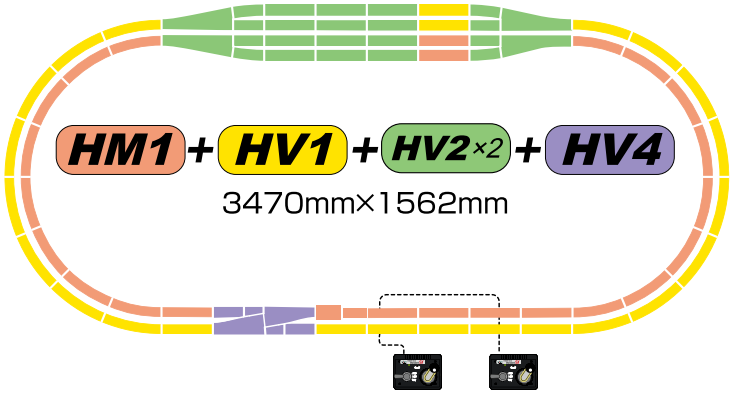
A set to add 2 3-Color Automatic Signals to track plans consisting of other HM or HV sets. Includes the Accessory Adapter and Signal Power Supply to feed the signal, and the Stop Signal Switch to keep the red signal.

Set Contents:
- 2x 3-Color-Automatic Signal
- 2x Straight Track 4 7/8"
- 1x Automatic Signal Power Supply
- 1x Accessory Adapter
- 1x Stop Signal Botton
- 2x Signal Extension Cord 90cm (35")



Track Plan Variations with the Sets

The plan below shows one of the possible combinations with the HO UNITRACK track sets



For more HO UNITRACK track plans, please scan this QR code!

On the KATO Website, there are many HO UNITRACK track plans available, from large to small layout plans.

● Necessary Products

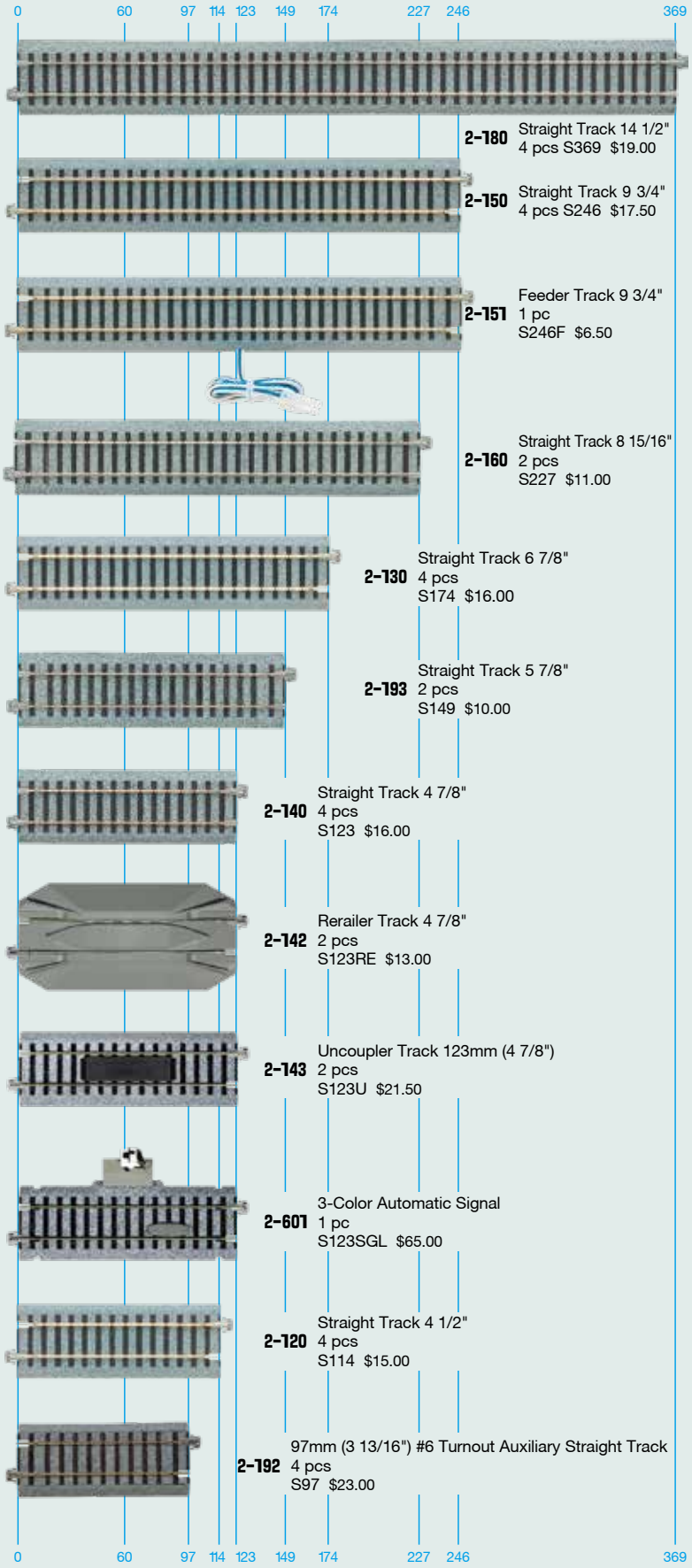
1x	**3-105**	HO HM1 R670mm (26 3/8") Basic Oval Track Set with Power Pack Standard SX 29 pcs $230.00
1x	**3-111**	HO HV1 R730mm Outer Track Oval (28 3/4") 25 pcs $140.00
2x	**3-112**	HO HV2 Passing siding track set with #6 manual turnout 12 pcs $150.00
1x	**3-114**	HO HV4 Interchange track set with #6 Electric Turnouts 14 pcs $135.00

1x	**22-018BK-1**	Power Pack Standard SX 1 pc $80.00
1x	**22-083**	KATO Power Supply 16V 1 pc $45.00
2x	**2-503**	DC Turnout Machine, Left $13.50
2x	**2-504**	DC Turnout Machine, Right $13.50
4x	**24-840BK**	Turnout Control Switch 1 pc $12.00
4x	**24-841**	Turnout Extension Cord 90cm (35") 1 pc $4.00

HO UNITRACK Straight Tracks

HO UNITRACK is based on the standard length of the 9 3/4" (246mm) straight track. There are a variety of items available, such as turnouts & assortment tracks, adjustment tracks, 11 sizes of curved tracks, and a bumper track to cover all HO model railroad scenes and demands

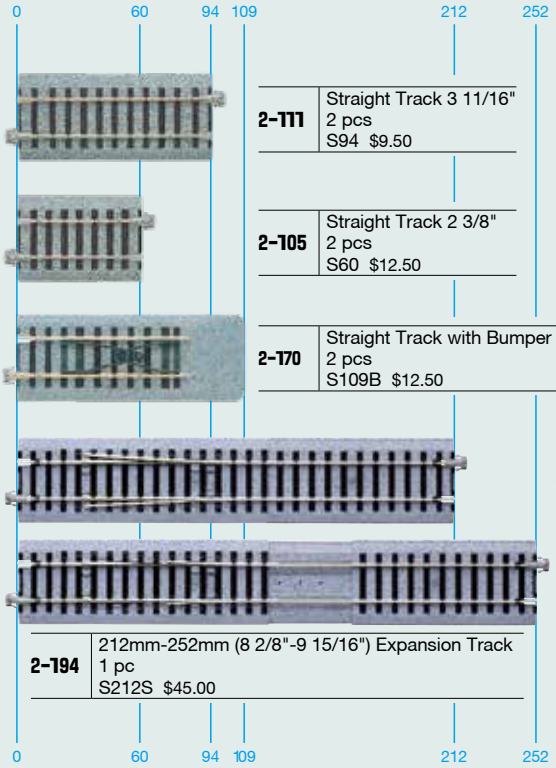
● Straight Tracks



- **Straight Track 14 1/2"** (S369) is 1.5 times longer than the standard Straight Track 9 3/4" (246mm). Convenient for building long straight sections of track.
- **Straight Track 9 3/4"** (S246) is the standard length of the straight track.
- **Feeder Track 9 3/4"** (S246F) is to feed the electricity from the power pack to the tracks.
- **Straight Track 8 15/16"** (S227) matches the horizontal length of the standard Straight Track 9 3/4" (S246) when used at a 22.5 degree angle.
- **Straight Track 6 7/8"** (S174) matches the horizontal length of the standard Straight Track 9 3/4 (S246) when used at a 45 degree angle. Also, it can be used as an adjustment track for branch lines of #4 Electric Turnouts as well as to create a 4 3/4" (120mm) track span with the #6 Electric Turnout, which is double the size of the standard track span of 2 3/8" (60mm).
- **Straight Track 5 7/8"** (S149) is a supplemental straight track for the #6 Turnout, and by connecting to the #6 Manual Turnout (HP867L/ HP867L), a 19 3/8" (492mm) long straight track double the length of the Straight Track 9 3/4" (246mm) can be created.
- **Straight Track 4 7/8"** (S123) is half the length of the Straight Track 9 3/4" (246mm).
- **Rerailer Track 4 7/8"** (S123RE) is a track to fix small derailments during operation. Placing two pieces of them parallel creates a standard double track span of 2 3/8" (60mm).
- **Uncoupler Track 123mm (4 7/8")** (S123U) is a track installed with a magnet for uncoupling operations with the magnetic Couplers from Kadee.
- **3-Color Automatic Signal** (S123SGL) has a 3-color signal on the left side of the Straight Track 4 7/8" (123mm).
- **Straight Track 4 1/2"** (S114) is a supplemental track for the #4 Electric Turnout and can also be used as an adjustment track for short sections.
- **97mm (3 13/16") #6 Turnout Auxiliary Straight Track** (S97) is a track that can be used to adjust track length and thus goes well with the Electric Turnout #6 and Curved Track R34 1/8"-10°. With this track it is now possible to create sidings even when the track is attached to a turnout. When combined with the Curved Track Curved Track R34 1/8"-10°, the interval between double tracks can be extended to 2 3/8" (60mm).



HO UNITRACK Straight Tracks



2-111 Straight Track 3 11/16"
2 pcs
S94 $9.50

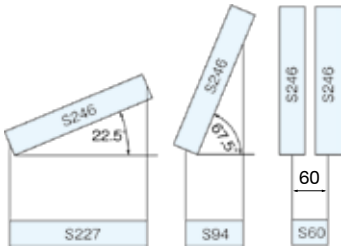
2-105 Straight Track 2 3/8"
2 pcs
S60 $12.50

2-170 Straight Track with Bumper 4 1/4"
2 pcs
S109B $12.50

2-194 212mm-252mm (8 2/8"-9 15/16") Expansion Track
1 pc
S212S $45.00

- **Straight Track 3 11/16"** (S94) matches the horizontal length of the standard Straight Track 9 3/4" (S246) when used at a 67.5 degree angle.
- **Straight Track 2 3/8"** (S60) is the same length as the HO UNITRACK standard double track span of 2 3/8" (60mm).

Dimensions of the length adjustment tracks 8 15/16" (227mm), 3 11/16" (94mm), 2 3/8" (60mm), and standard Straight Track 9 3/4" (246mm)



- **212mm-252mm (8 2/8"-9 15/16") Expansion Track** (S121S) makes adjusting tricky track lengths possible. It can be used to adjust the siding at the start and end of a turnout, as a connection track in assembled or modular layouts and more. It is a completely new product, which imitates the structure of real life continuous welded rail expansion joints.





- **Straight Track with Bumper 4 1/4"** (S190B) is used to model the end of tracks at a siding, yard, and terminal station. The shape of the end sign is a generic turret style.

Rerailer Track



2-142 Rerailer Track 4 7/8"
2 pcs
S123RE $13.00

A convenient rerailer track to fix minor derailments during operation. The appearance mimics a real railroad crossing, so it can be fit anywhere in the layout scene. By aligning 2 tracks, the HO UNITRACK standard double track span can be created.

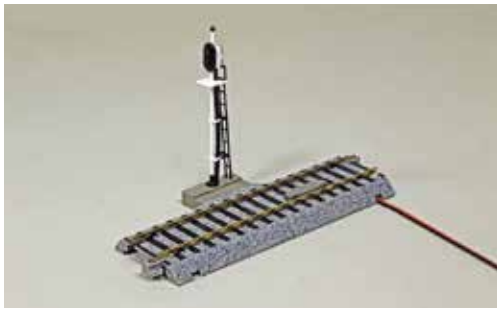


Convenient to correct minor derailments during operation.

3-Color Automatic Signal

2-601 3-Color Automatic Signal
1 pc
S123SGL $65.00

The 3-Color Automatic Signal is positioned on the left side of the track. When a train comes across this signal it will automatically switch to red. After a while it will switch to yellow for a few seconds before returning to green. Further accessories such as **24-844** Automatic Signal Power Supply and **24-829** Accessory Adapter are required for operation. Optionally, the **24-848** Stop Signal Button lets you manually switch the signal to red.





24-848 Stop Signal Button
1 pc $17.00

With this button the **2-601** 3-Color automatic signal can be manually switched to red. Not suitable for use with the N scale signal.

Uncoupler Track

2-143 Uncoupler Track 123mm (4 7/8")
2 pcs
S123U $21.50

This uncoupler track is designed to uncouple magnetic couplers from Kadee. Thanks to the magnet between the rails, couplers are automatically uncoupled as long as they are not in motion.

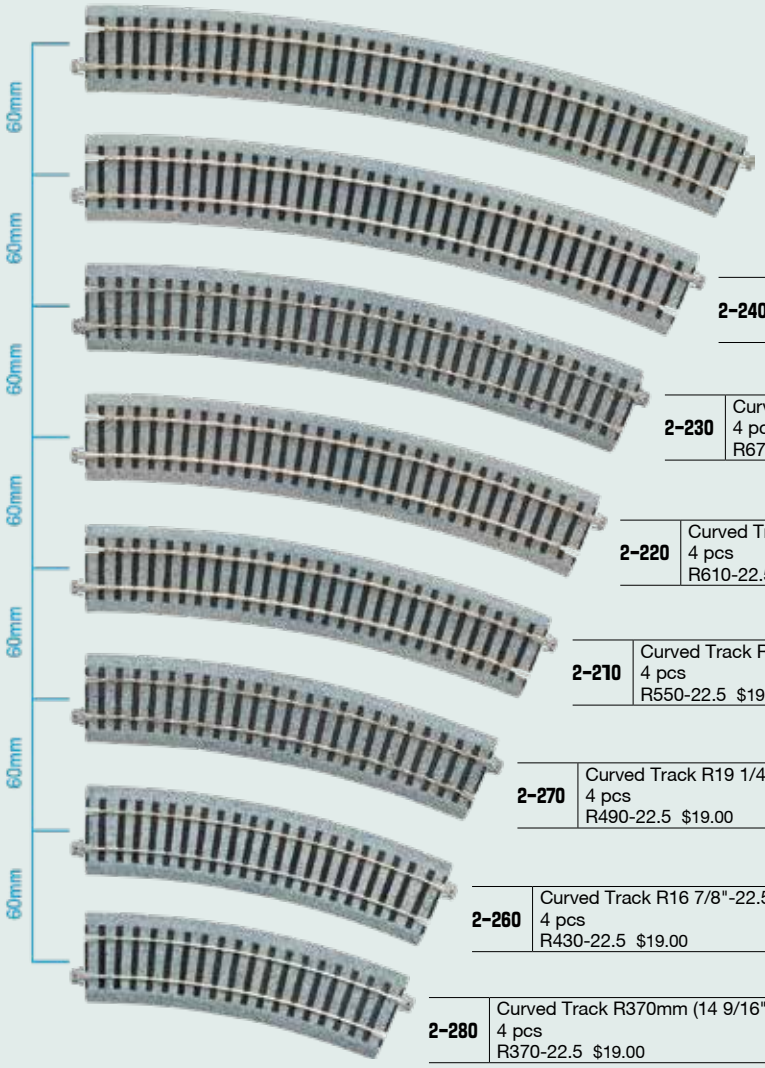


HO UNITRACK Curved Tracks / Crossing Track

● Curved Tracks



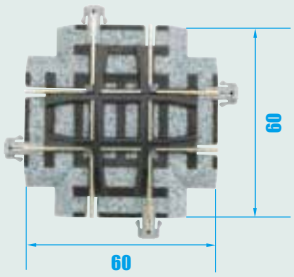
2-290	Curved Track R34 1/8"-10° 2 pcs R867-10 $11.00



2-250	Curved Track R31 1/8"-22.5° 4 pcs R790-22.5 $24.00
2-240	Curved Track R28 3/4"-22.5° 4 pcs R730-22.5 $25.00
2-230	Curved Track R26 3/8"-22.5° 4 pcs R670-22.5 $21.00
2-220	Curved Track R24"-22.5° 4 pcs R610-22.5 $19.00
2-210	Curved Track R21 5/8"-22.5° 4 pcs R550-22.5 $19.00
2-270	Curved Track R19 1/4"-22.5° 4 pcs R490-22.5 $19.00
2-260	Curved Track R16 7/8"-22.5° 4 pcs R430-22.5 $19.00
2-280	Curved Track R370mm (14 9/16")-22.5° 4 pcs R370-22.5 $19.00

- HO UNITRACK curved tracks have various radius curves starting from the minimum 14 9/16" (370mm) to 31 1/8" (790mm) with a 2 3/8" (60mm) span and 22.5 degrees.
- **Curved Track R21 5/8"-22.5°** (R550-22.5) is the basic curved track of HO UNITRACK, and corresponds to the radius of the #4 Turnout. All of KATO HO locomotives and cars are designed to pass this curve.
- **Curved Track R24"-22.5°** (R610-22.5) is one size outside the minimum curve to create a double track. This curved track together with Curved Track R21 5/8"-22.5° (R550-22.5) are recommended for use in a limited space.
- **Curved Track R19 1/4"-22.5°** (R490) and Curved Track R16 7/8"-22.5° (R430) are for use on a small-sized layout.
- **Curved Track R370mm (14 9/16")-22.5°** (R370-22.5) is the smallest radius curved track for a tabletop-sized layout.
- **Curved Track R34 1/8"-10°** (R867-10) is a supplemental track to create a siding section with the #6 Manual Turnout.
- **90° Crossing 2 3/8"** (X90) lets you create a figure-8 track layout with which longer operations can be created.

●



2-401	90° Crossing 2 3/8" 1 pc X90 $22.00

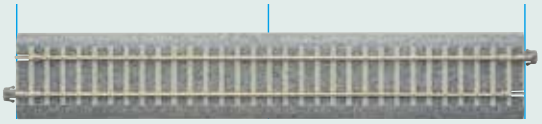
HO UNITRACK Concrete Tie Tracks

KATO HO UNITRACK offers a variety of straight and curved tracks with concrete ties. The highlight of our line-up are the superelevated curved tracks on which your trains will bank like in reality. Concrete tie tracks are ideal for building modern local traffic lines or high-speed lines.

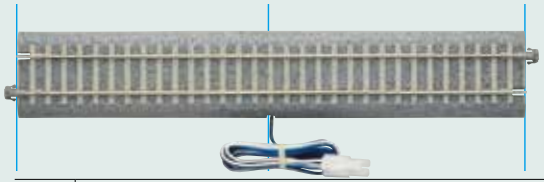
Straight Tracks With Concrete Ties



2-181 Concrete Tie Straight Track 369mm (14 1/2") 4 pcs
S369PC $19.50



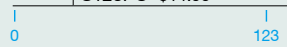
2-152 Concrete Tie Straight Track 246mm (9 3/4") 4 pcs
S246PC $14.50



2-153 Concrete Tie Feeder Track 246 (9 3/4") 2 pcs
S246FPC + S246FPC $19.00



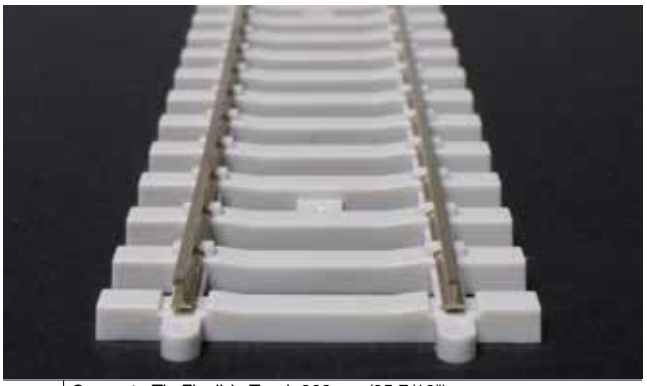
2-141 Concrete Tie Straight Track 123 (4 7/8") 4 pcs
S123PC $14.00



Realistic concrete ties



HO Scale Permanent Track Products



2-001 Concrete Tie Flexible Track 900mm (35 7/16")
1 pc $13.00

The HO gauge flexible track has been newly released. It is furnished with concrete ties that go well with the modern landscape and it can be freely bent to make large or small curves.



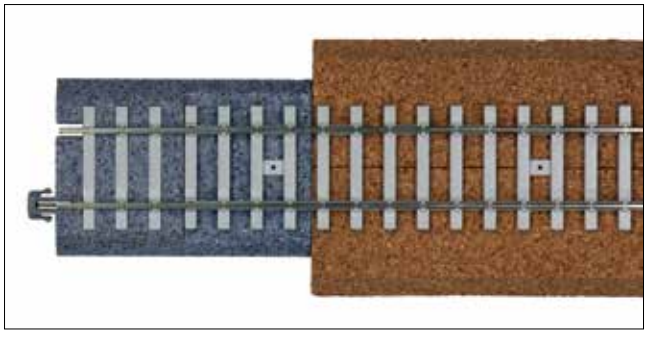
6-010 Cork Roadbed 900mm (35 7/16")
1 pc $20.00

Cork Roadbed makes the vehicle's movement stable and reduces the sound on the flexible track. Concrete tie flexible track combined with cork roadbed aligns the height of rail with that of HO UNITRACK, to perfectly match each other.



2-099 Roadbed Joiner
2 pcs $10.00

Joint Roadbed allows now for smooth connection between HO scale flexible track and Unitrack. The combination of freely curvable flexible track and stable Unitrack makes it possible to produce realistic layouts easily. This is a useful item to connect flexible track to Unitrack turnout tracks or the Automatic Railroad Crossing.



Example of using the Roadbed Joiner connecting to Flexible Track.

HO UNITRACK Concrete Tie Tracks

With KATO UNITRACK you can easily enjoy superelevated curves even with temporary layouts. Just like for N scale UNITRACK there are superelevated tracks and superelevated easement tracks. Alongside the large-radius curve they are an ideal choice for modelling modern railway lines.

● Curved Tracks With Concrete Ties



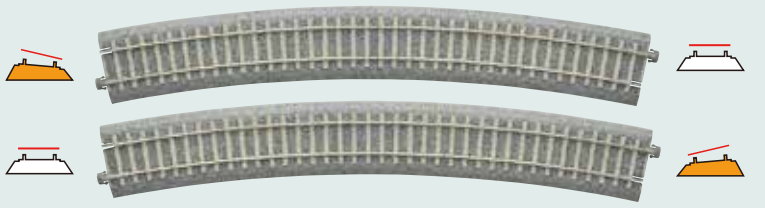
2-331 Concrete Tie Large-Radius Curve Track R1606mm (63 1/4")-11.25°
4 pcs
R1606-11.25PC $22.00



2-321 Concrete Tie Large-Radius Curve Track R1546mm (60 7/8")-11.25°
4 pcs
R1546-11.25PC $22.00



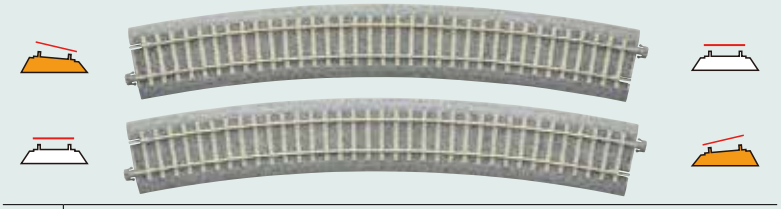
2-251 Concrete Tie Superelevated Curved Track R790 (31 1/8")-22.5°
4 pcs
R790-22.5PC $18.00



2-252 Concrete Tie Superelevated Easement Curved Track Left, Right R790 (31 1/8")-22.5°
2x L & 2x R
2x R790-22.5PCAL + 2x R790-22.5PCAR $19.50



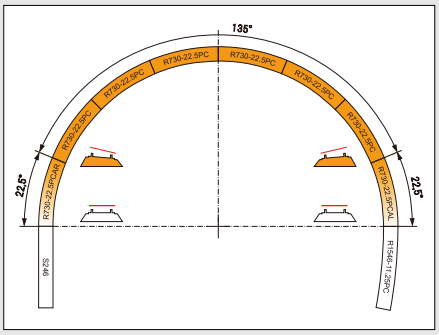
2-241 Concrete Tie Superelevated Curved Track R730 (28 3/4")-22.5°
4 pcs
R730-22.5PC $20.00



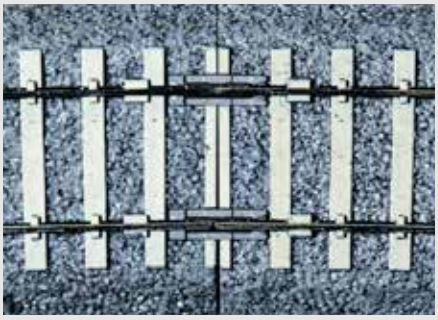
2-242 Concrete Tie Superelevated Easement Curved Track Left, Right R730 (28 3/4")-22.5°
2x L & 2x R
2x R730-22.5PCAL & 2x R390-22.5PCAR $25.00

How to build superelevated curves:

For building superelevated curves, two types of tracks are required. At the beginning of each curve, an approach track slightly increases banking. It is followed by curved tracks with constant superelevation. You can install as many curved tracks as you want and thus determine the angle of the curve. At the end of the curve, another approach track is used for connecting with regular tracks. For ease of use, approach tracks are offered in sets containing a left and a right track. The abbreviations of those tracks end with "AL" and "AR" respectively.



Tracks with superlevation are highlighted in orange for illustration purposes.

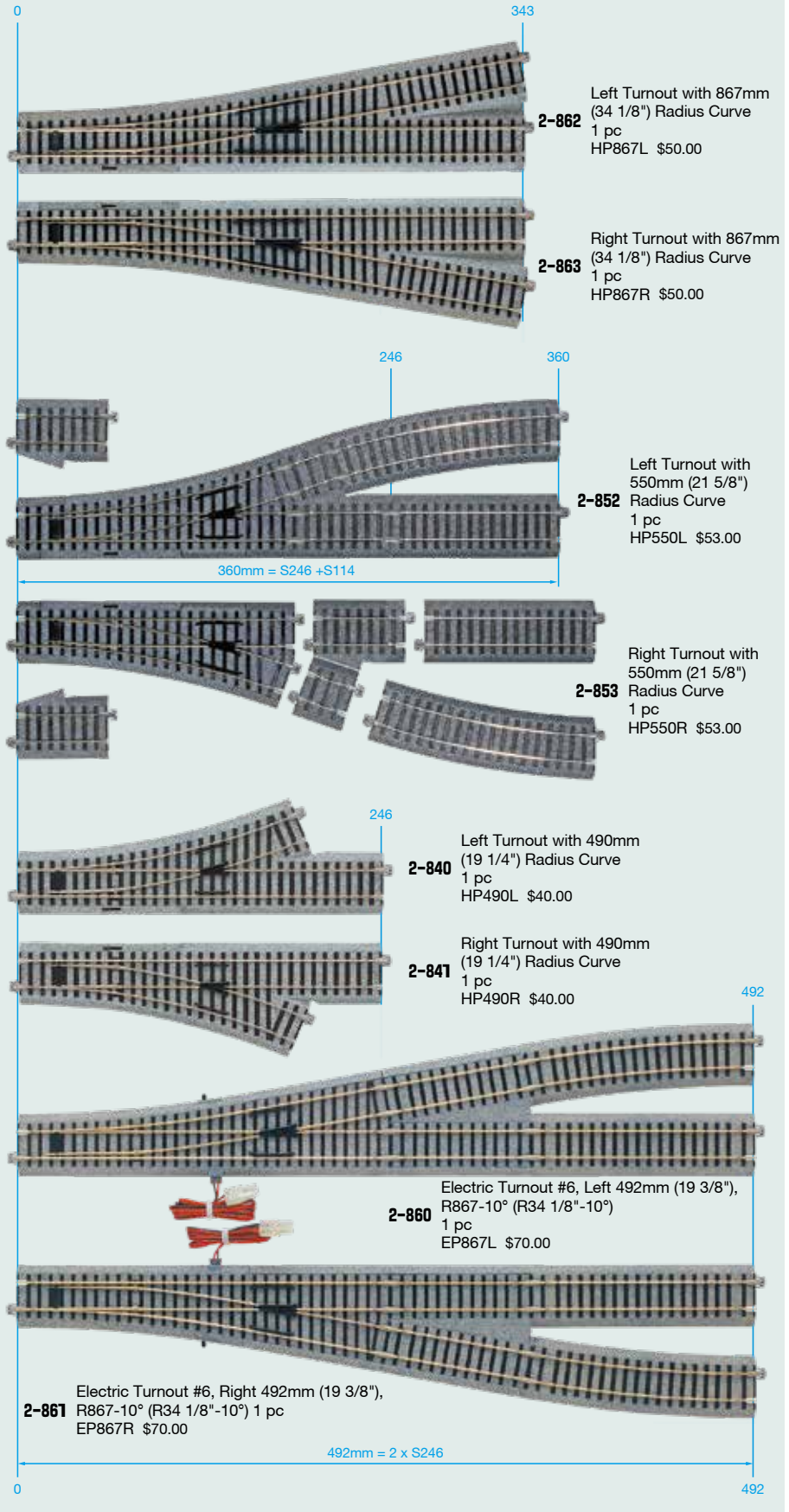


For easier identification, a slightly raised circle is engraved on the ends of the tracks with superelevation.

HO UNITRACK Turnouts / Turnout Machines

The different turnouts available with HO UNITRACK allow you to build intricate layouts. All manual turnouts can be fitted with DC turnout machines allowing for automation of your layout at any time. Both power-routing and non-power-routing modes can be selected easily with an internal selector making HO UNITRACK ready for analog and DCC operation.

Turnouts



2-862 Left Turnout with 867mm (34 1/8") Radius Curve
1 pc
HP867L $50.00

2-863 Right Turnout with 867mm (34 1/8") Radius Curve
1 pc
HP867R $50.00

2-852 Left Turnout with 550mm (21 5/8") Radius Curve
1 pc
HP550L $53.00

2-853 Right Turnout with 550mm (21 5/8") Radius Curve
1 pc
HP550R $53.00

2-840 Left Turnout with 490mm (19 1/4") Radius Curve
1 pc
HP490L $40.00

2-841 Right Turnout with 490mm (19 1/4") Radius Curve
1 pc
HP490R $40.00

2-860 Electric Turnout #6, Left 492mm (19 3/8"), R867-10° (R34 1/8"-10°)
1 pc
EP867L $70.00

2-861 Electric Turnout #6, Right 492mm (19 3/8"), R867-10° (R34 1/8"-10°) 1 pc
EP867R $70.00



2-503 DC Turnout Machine, Left
1 pc $13.50



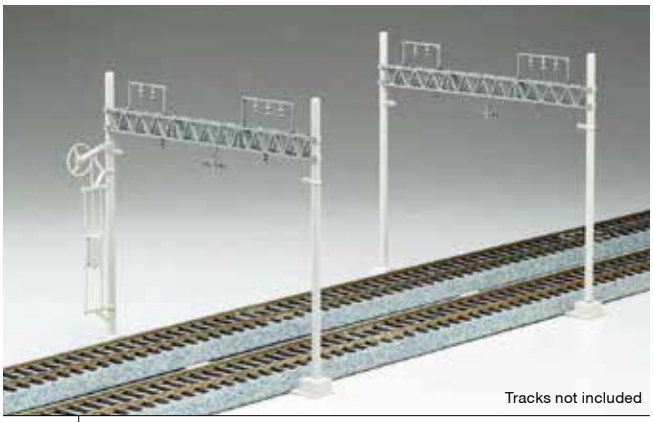
2-504 DC Turnout Machine, Right
1 pc $13.50

- The HO UNITRACK manual turnouts can be used for a siding without using supplemental tracks, which makes them affordable and easy to use. They can be electrified or changed to DCC mode by installing optional turnout machines.
- **Turnout Machines** are optional components to electrify the manual turnouts. Available for each direction of right or left.
- The **Manual Turnout with 867mm (34 1/8") Radius Curve** (HP867L/ HP867R) are the same standard as the Electric Turnouts #6, but are assembled as one molded turnout without supplemental track pieces for easy handling. They use the 34 1/8" (R867mm) large radius curve, so it is good for use with a long train and large cars or locomotives with a prototypical operation. They can be electrified or changed to DCC mode by installing optional turnout machines.
- **The Electric Turnouts #6** (EP867L/ EP867R) use the 34 1/8" (R867mm) large radius curve to run long trains and large cars with prototypical dimensions. These turnouts function best as the highlight of the layout such as a siding from the mainline. Both Power-Routing and Non Power-Routing modes can be selected easily by an internal switch.
- The **Manual Turnout with 550mm (21 5/8") Radius Curve** (HP550L/HP550R) use the 21 5/8" (R550mm) radius as a new standard for manual turnouts that rivals our N scale turnouts in terms of ease of use and low price. The turnout is produced with a newly added spring turnout function, and with the separately available point machine and point switch, it can be electrified.
- The **Manual Turnouts with 490mm (19 1/4") Radius Curve** (HP490L/ HP490R) use the same radius as the Curved Track R19 1/4"-22.5° to make a variety of track plans in a small space possible. They are able to be electrified or changed to DCC mode by installing optional turnout machines.
- HO UNITRACK electric turnouts use a DC turnout machine to change direction, so the machine is compact enough to be built in the roadbed to allow more variety of track plans. This is convenient for use on the floor.

HO UNITRACK Catenary Poles / Rerailer

Catenary poles are best for modeling electrified railroad scenery. Varieties of HO catenary poles are available depending on the scene. Some work well with compact curves under 19 5/16" (R490mm), while others are great for large sized cars on superelevated tracks.

Catenary Poles



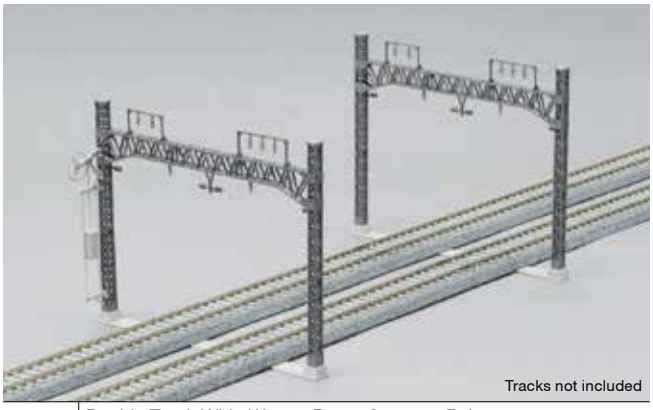
5-051 Double Track Catenary Poles
6 pcs $22.00

This arch-type catenary system features concrete poles with steel truss beams. The poles and beams are molded separately and in different colors to provide a realistic appearance right out of the package. The included pole bases are spaced to maintain a standard double track width of 2 3/8" (60mm). When using this catenary system on double curved tracks of R550 and R610, it is best to use locomotives and rolling stock less than 10 1/3" (262mm) in individual length to prevent the cars from making contact with the poles as they round the bend. Two optional tension adjuster parts are also included.



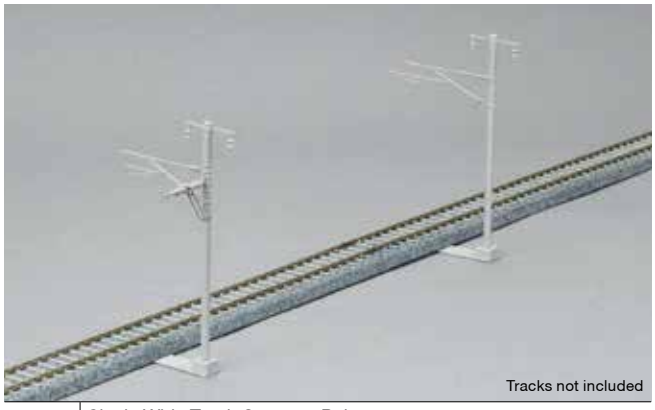
5-052 Single Track Catenary Poles
12 pcs $18.00

This single track centenary system replicates a concrete pole style and features two types of brackets. When using this catenary system on curved tracks of R550, it is best to use locomotives and rolling stock less than 10 1/3" (262mm) in individual length to prevent the cars from making contact with the poles as they round the bend. Using these polls on curves sharper than R550 may also result in contact with the poles depending on the car length. Two optional tension adjuster parts are also included.



5-053 Double Track Wide Warren Brace Catenary Poles
6 pcs $30.00

This arch-type catenary system faithfully recreates the steal truss construction of the prototype with three dimensional silver plastic molding and fine details. It is great for use on tighter curves, or superelevated curves with long locomotives and rolling stock. The included pole bases are spaced to maintain a standard double track width of 2 3/8" (60mm). Two optional tension adjuster parts are also included.



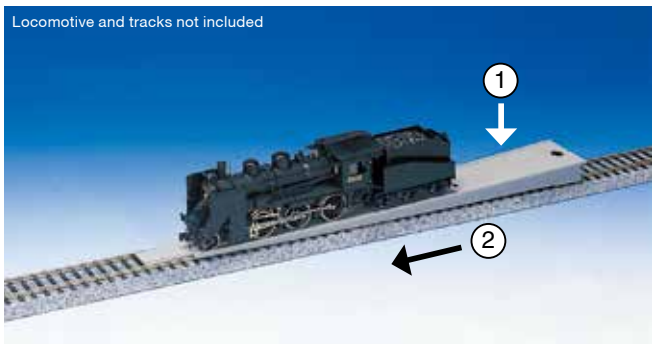
5-054 Single Wide Track Catenary Poles
12 pcs $18.00

This single track centenary system replicates a concrete pole style and features two types of brackets. It is a wider version of 5-052 to allow for use on tighter curves or superelevated curves with longer locomotives and rolling stock. The included pole bases are designed to maintain a standard width of 2 3/8" (60mm) when used in double track operation. Two optional tension adjuster parts are also included.

Rerailer



2-502 HO Rerailer
1 pc $7.50



You can easily rerail a locomotive or wagon by first placing it on the rerailer and then pushing it down onto the track.

UNITRACK Associated Items for N / HO

The KATO UNITRACK system also features many accessories that can be used to easily expand and adapt your model train operations. These items include plug-in style convenient connectors to connect with tracks and controllers, power packs, switches, and turnouts. They can be used for both N and HO scale UNITRACK systems.

24-815 UniJoiner
20 pcs. $6.50



UniJoiners are to connect UNITRACK track products. Steady electrification and secure connection are guaranteed. The color is matched to the UNITRACK roadbed.

24-816 Insulated UniJoiner
20 pcs $6.50



Insulated UniJoiners are used to divide the track sections electrically. They are black colored for simple differentiation with regular UniJoiners.

24-818 Terminal UniJoiner (35")
1 pc $5.00



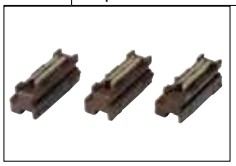
Terminal UniJoiners are to set a power feeding space by exchanging regular UniJoiners at the place the Feeder Track is not able to be reach. Length: 2' 11 7/16" (90cm)

24-819 UniJoiner, Brown
20 pcs $6.50



UniJoiners with brown plastic best for wooden tie tracks. Can be replaced easily from the original Unijoiners.

24-820 Half UniJoiner, Brown
20 pcs $6.50



UniJoiners for the connecting point with the straight single deck girder bridges. Not for use with the #4 turnouts.

24-825 DC Extension Cord 90cm (35")
1 pc $4.00



A specific extension cable for the UNITRACK system. This can connected with other white connector UNITRACK plug connectors for DC connection. Length: 2' 11 7/16" (90cm)

24-834 DC Extension Cord 2m (78 3/4")
1 pc $6.00



This extension cable is used to extend the distance between Power Pack and feeder track. Length: 78 3/4" (2m)

24-826 AC Extension Cord 90cm (35")
1 pc $4.00



An extension cable to connect the **24-829** Accessory Adapter and accessories with brown connectors.

24-828 Double Track Power Cord
2 pcs $10.00



A specific feeder cable for double track viaduct tracks. Connects to the bottom of a viaduct for secure connection. Length: 2' 11 7/16" (90cm)

24-829 Accessory Adapter
1 pc $7.25



An adapter for the automatic signal power supply & other accessories connected to the side of the power pack.

24-833 3-Way Extension Cord 30cm (11 13/16")
1 pc $8.00



An extension cable with 3 outlets to feed power to multiple places on your track. Length: 2' 11 7/16" (30cm)

28-930 5-Way Extension Cord 30cm (11 13/16")
1 pc $12.00



An extension cable with 5 outlets to feed power to multiple places on your track. Length: 2' 11 7/16" (30cm)

24-840BK Turnout Control Switch
1 pc $12.00



A specific controller for UNITRACK turnouts. DC12V needs to be supplied by the KATO Power Pack or **24-842** DC Converter.

24-841 Turnout Extension Cord 90cm (35")
1 pc $4.00



A specific extension cable to reach turnouts that are far from the controller. Length: 2' 11 7/16" (90cm)

24-842 DC Converter
1 pc $7.00



An AC/DC converter for non-KATO branded power packs to control the **24-850** Turnout Control Switch from KATO.

24-843 Adapter Cord 90cm (35")
1 pc $3.50



An adapter cable for Non-KATO branded power packs to feed track power to the UNITRACK feeder cable. Length: 2' 11 7/16" (90cm)

24-850BK Power Feed Control Switch
1 pc $25.00



An ON/OFF switch to control track power when connected to feeder cables from isolated sections of track such as a passing siding or yard track.

24-851BK Power Direction Control Switch
1 pc $26.00



This switch changes the polarity of the power to it's connected feeder tracks. Perfect for creating a reversing loop or similar operations.

Rerailer





24-000 Rerailer 2 pcs $4.50

Useful for putting trains onto tracks, especially locomotives with many wheels and those with draw bars. Matches double track scale (33/66mm spacing). Includes UniJoiner-Remover.

UNITRACK Builder Build The UINTRACK Layout of Your Dreams!

Track Builder, a free online tool developed by KATO USA, allows you to design and simulate N and HO scale UNITRACK layouts. Freely experiment with different track configurations, compare layout dimensions, and automatically calculate the number of track pieces required. It is a convenient tool for planning and evaluating your ideal railway layout before making a purchase.



Unleash Your Creativity and Design Your Dream Track Layout!

24
Track Pieces

Unleash Your Creativity and Design Your Dream Track Layout!

Flexible Planning
Drag and drop track pieces to quickly create your layout ideas.

Size Comparison
Compare different curved and straight sections to find the best fit for your layout.

Quantity Summary
Instantly check the number of track pieces used in your layout.

• Instructions & Features

① Select a Scale or Load a Saved Layout

Before getting started, select either N or HO scale. You can also load a previously saved track layout.



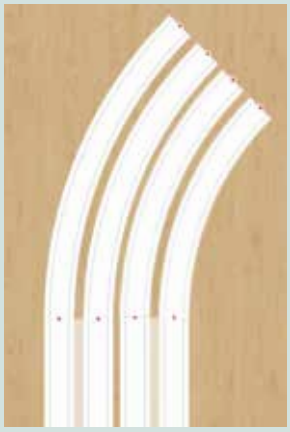
② Select a Track Category

The menu is divided into various categories, making it easier to find the track piece you are looking for!



③ Compare Track Specifications and Dimensions

Easily compare the differences between various track sections. For example, the image shows a size comparison of R249, R282, R315, and R348-45° curved tracks, from 5 right to left.



④ Create Freely!



※The website is currently in its beta version.
※Track layout results are for reference only. Before purchasing, please confirm the compatibility of your selected track sections with your local dealer.

Keyboard Shortcuts

M Toggle Move Tool **D** Toggle Delete Tool **-** Zoom Out **+** Zoom In **U** Undo Last Piece Added
Q Rotate 5 Degrees Counter-Clockwise **W** Rotate 5 Degrees Clockwise **0** Rotate by designated degree angle or default 45 Degrees (Mouse wheel up/down)

Try Track Builder Now and Bring Your Dream Track Layout to Life!

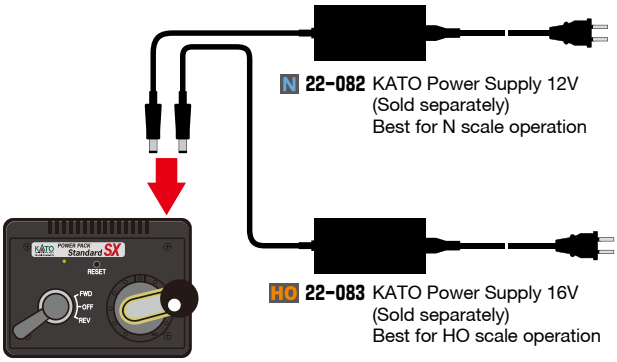
https://katousa.com/track-builder/

Controllers For both N / HO scales

No train can run without a power source, which is why Kato power packs provide safe and consistent power with easy to use controls. They can also be used in both N and HO scale when combined with the correct accessories.

Power Pack





22-018bk-1 | Power Pack Standard SX $80.00

The Power Pack Standard SX provides up to 1.2 A rated current. Capable of representing slow speed operation for realism. The train's direction of drive can be selected with the smaller lever. The speed is controlled by the bigger lever on the right side. In the event of a short circuit, the user is warned by an LED on the front. Operation can be resumed using a RESET button. Optional AC adapter for both N / HO scale are also available:

- For N scale operation, using the **22-082** Power Supply 12V is recommended.
- The **22-083** Power Supply 16V is recommended for HO scale operation.

Power Pack Standard SX Specification:

	Min	Max	Unit
Input			
Voltage	0	17	V
Current		2	A
Output N Gauge			
Track voltage	0	12	V
Accessories voltage		12	V
Combined current		1.2	A
Output HO Gauge			
Track voltage	0	16	V
Accessories voltage		16	V
Combined current		1.2	A

AC Adapter

Power supplies for the Power Pack Standard SX and Power Supply connector. Two different types depending on the output voltage for each N scale and HO scale. Can also be used as the power supply for the Analog Sound Box.



22-082 | KATO Power Supply 12V
1 pc $40.00

Best for N scale operation

Specification:

	Min	Max	Unit
Input			
Voltage	100	240	V
Frequency	47	63	Hz
Output			
Voltage	0	13.5	V
Current		2.2	A



22-083 | KATO Power Supply 16V
1 pc $45.00

Best for HO scale operation

Specification:

	Min	Max	Unit
Input			
Voltage	100	240	V
Frequency	47	63	Hz
Output			
Voltage	0	17	V
Current		2.1	A

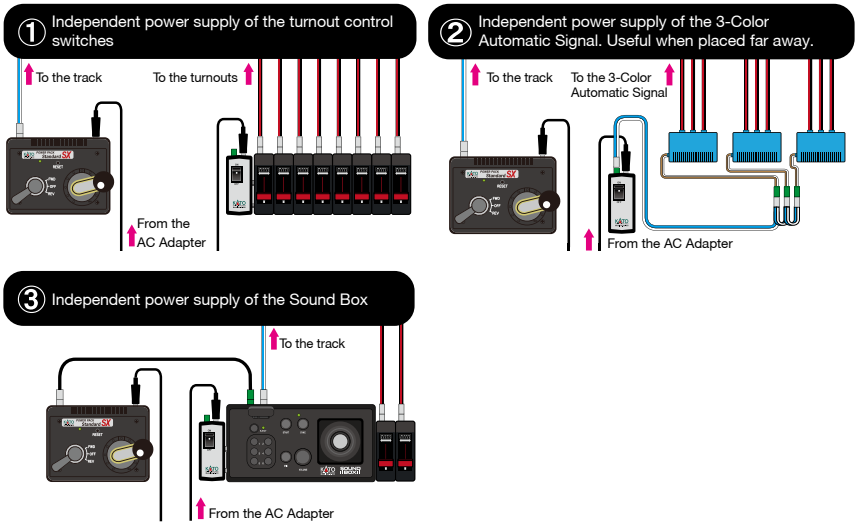
Power Supply Connector

(AC Adapter sold separately)



22-081 | Power Supply Connector
1 pc $40.00

The Power Supply Connector can feed electricity to various components without using the Power Pack. With the optional N / HO AC adapter, separate electric power can be fed from the snap terminals on the side and the green terminal on the back.



Specification:
Input (max): 17V / 2A
Output: 12V / 2A (when used with KATO Power Supply 12V)
16V / 2A (when used with KATO Power Supply 16V)

Sound Box and Smart Device Controller

For N & HO DC Layouts!

Enjoy BIG sound without the need for DCC and operate your trains with your phone or tablet!



Works with both HO and N scale - The modular pass-through design of the **22-102** Sound Box means that it works on any DC layout, no matter the size or configuration!

Choo-choo-choose your sounds - With a wide variety of separately available sound cards, the **22-102** Sound Box can bring volume to everything from vintage diesels to classic steam engines to modern locomotives.

Smart Back-EMF reading - The sound box doesn't just make noise - it will read the effort of the motor in your engines to know how hard they're working. Certain sounds will self-adjust based on the speed of the locomotive so what you hear will match what you see, all without the need for DCC!

Bluetooth control - Now, with the new **22-019** Smart Device Controller, you can operate your layout with the swipe of your finger! Compatible with the **22-102** Sound Box or capable of operating alone, the Smart Device Controller together withe the free companion app from KATO makes operating your layout easier than ever!

Sound Box & Sound Cards

22-102 Sound Box $315.00

Enjoy realistic sound for your trains with the Sound Box from KATO - no DCC required! The Sound Box can adapt the driving noises to the speed and engine load of your train so that you always hear the right sounds for the situation. Additional sounds can be selected and played using the buttons. The large loudspeaker provides a voluminous sound for a realistic soundscape.



22-221-5 Sound Card "Big Boy" $40.00

A sound card featuring the iconic Big Boy steam locomotive. Enjoy realistic changes in locomotive sounds based on operating conditions, adding greater realism and immersion to your model railroad experience.

22-251-5 Sound Card "North America Rail Travel" $40.00

A sound card that recreates the atmosphere of rail travel across America. Six sound functions bring a long-distance train journey to life, featuring station ambience, departure and arrival scenes, dining car sounds, nighttime travel, and grade crossing effects.

22-202-2 Sound Card "EMD 3rd Gen Diesel" $33.00

A sound card featuring the Modern EMD Disel locomotive sounds such as SD70ACe or SD70m locomotive. Enjoy realistic changes in locomotive sounds based on operating conditions, adding greater realism and immersion to your model railroad experience.

Smart Device Controller





22-019 Smart Device Controller
1 pc $170.00

You can remotely control your railway model from your smartphone or mobile device by connecting this controller to a conventional power pack and downloading the free app. With the wireless Bluetooth connection, you can enjoy using several Smart Controllers at once with no jamming. Additionally, you can connect the smart controller to the **22-102** Sound Box and control both the train and the sounds directly from the app! Please use together with the separately sold **22-082** KATO Power Supply 12V for N scale, or **22-083** KATO Power Supply 16V for HO scale.

Smart Device Controller Specification:

	Min	Max	Unit
Input			
Voltage	12	17	V
Current		2	A
Output N Gauge			
Track voltage	0	12	V
Accessories voltage		12	V
Combined current		2	A
Output HO Gauge			
Track voltage	0	16	V
Accessories voltage		16	V
Combined current		2	A

- Track voltage generated by PWM
- Integrated overload protection
- Bluetooth 4.0 with a range of up to 33ft (10m)
- Requires iPhone 5 / Android 5.0 or newer



See the Smart Device Controller in action on the KATO Youtube Channel!



Japanese Craftsmanship









Sekisui Kinzoku (KATO) is a manufacturer of highly detailed model trains that was founded in 1957 in Tokyo. From the design to casting, painting, and up to the fine details of steam locomotives, we value consistent production in Japan. We not only focus on Japanese models but also produce models trains from all over the world.

KATO
PRECISION RAILROAD MODELS

Kato U.S.A., Inc.
100 Remington Road Schaumburg,IL60173
https://katousa.com/

website	Instagram	Facebook

株式会社カトー 〒161-0031東京都新宿区西落合1-24-10
www.katomodels.com

Dealer label

Product specifications and prices are based on information as of October 2026.All information is for reference only. All listed prices include tax.Please refer to the actual product for final specifications and contents. We apologize if any products are sold out.

SKU:25-110