

design innovation novelty



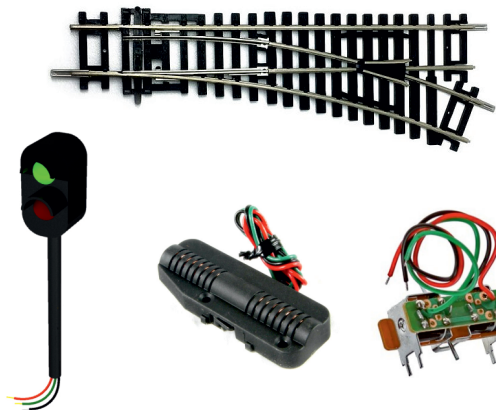
2017

PROSES
Model Railway Accessories

Power & Control

SWB-101 Control Board For Solenoid Points w/LED Indicators

6 X ON-OFF-ON momentary switches for solenoid points.
6 X output for signal lights.



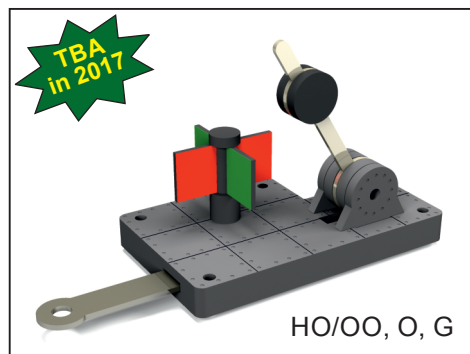
SWB-102 ON-OFF-ON Switch Board

6 X ON-OFF-ON switches for lights, turntables, accessories.



SG-HO-01 Block Signal w/3 Lights

Point Switches



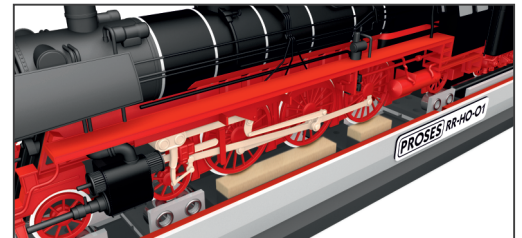
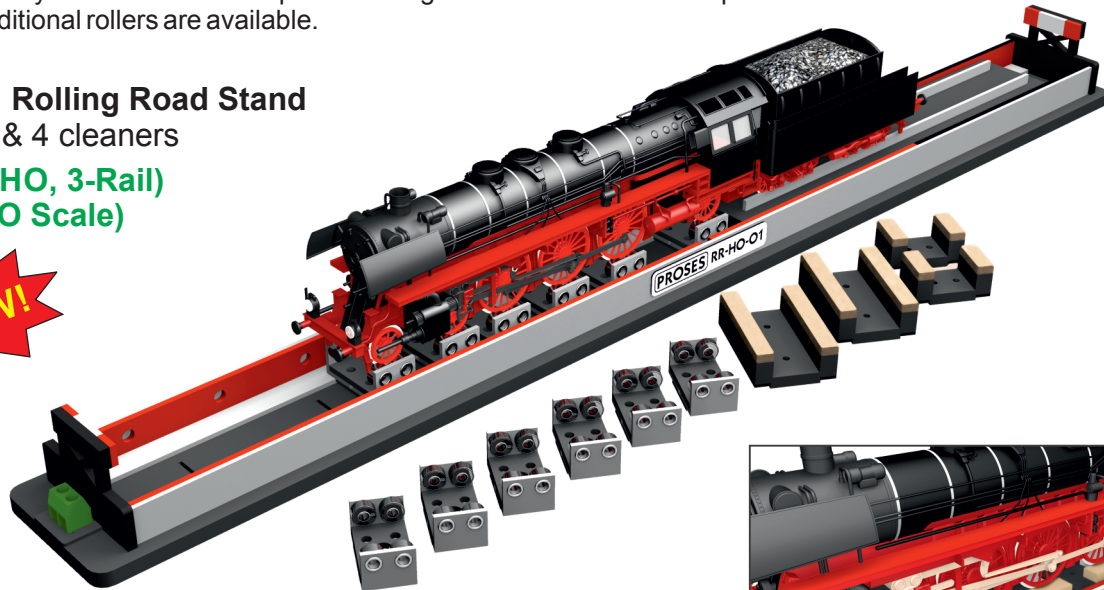
Rolling Roads & Rollers w/Cleaning for HO, O, G Scales

Rolling roads/stands with wheel cleaning option included. Suitable for all HO and OO scale models - units features 16.5mm gauge track. RR-HO-01 Rolling Road Stand accommodates locomotives up to 500mm long (such as Big Boy Steam loco).

Buffers at either end protect loco from moving off track in accident. The unit supports tenders etc. on a separate section of rail. Place all moving wheels onto the set of 6 included rollers. Swap one or more rolling roller units for the 4 included cleaning units if your drive wheels require cleaning. The rollers can also be placed on standard track instead of the rolling road unit. Additional rollers are available.

RR-HO-01 Rolling Road Stand w/6 rollers & 4 cleaners

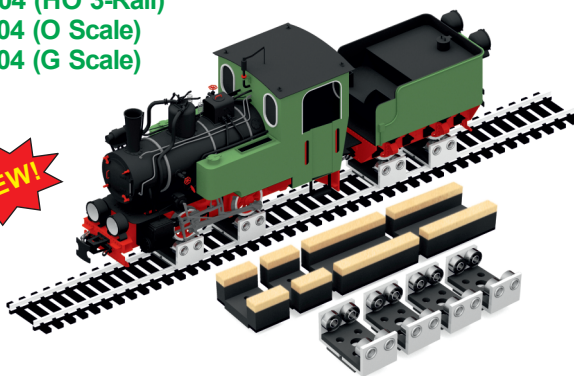
RR-M-01 (HO, 3-Rail)
RR-O-01 (O Scale)



The unit is suitable for 12-16 volt DC or DCC power supplies. Simply connect two wires to the screw terminals on the unit. Wire, power transformer or DCC control unit is not included.

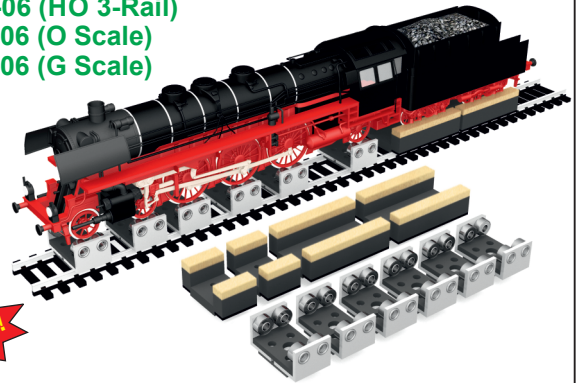
RR-HO-04 Roller Set (HO) w/4 rollers & 4 cleaners

RR-M-04 (HO 3-Rail)
RR-O-04 (O Scale)
RR-G-04 (G Scale)



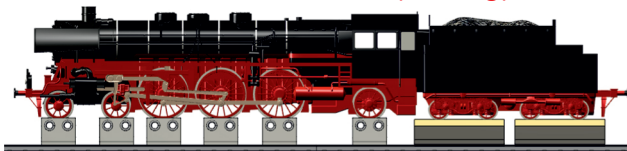
RR-HO-06 Roller Set (HO) w/6 rollers & 4 cleaners

RR-M-06 (HO 3-Rail)
RR-O-06 (O Scale)
RR-G-06 (G Scale)



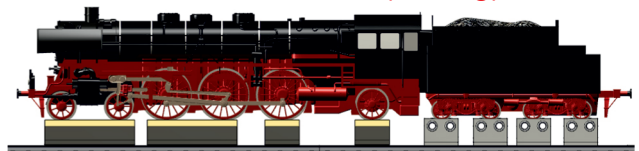
Rolling & Cleaning Configurations

Locomotive Drive (Rolling)



Cleaners used as supports for unpowered axles.

Tender Drive (Rolling)



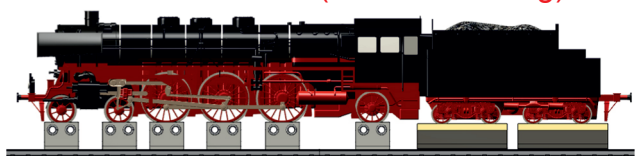
Cleaners used as supports for unpowered axles.

Locomotive Drive (Wheel Cleaning)



Cleaning of powered drive wheels.

Tender Drive (Wheel Cleaning)



Cleaning of powered drive wheels.

Ballasts for N, HO, OO, O and G Scales



BAL-01



BAL-02



BAL-03

Genuine Limestone Track Ballasts

- Made of genuine limestone ballast just like the real ballast you see on real railways.
- Don't need wetting before gluing.
- Sized to 0.5 to 1.3 mm (500-1300 μ)
- Washed before packed.
- Ballasts 15-17 meters (50-55 ft) of HO track when laid using Proses Ballast Spreader.
- 1000 cm³ (61 in³), 1.4 Kg (3 lbs)
- Available in light grey, grey blend and dark grey colors.
- Best to model realistic railroad tracks, hopper loads, gravel roads, crushed rock and stone piles.
- Available in *fine, medium, coarse and extra coarse* for scales from N to G.



G-01 Ballast & Scenic Bond

(Condensed, 250 ml / 8.45 fl oz)



Proses G-01 Glue is a condensed, water based, odorousless, easy to use and non-toxic glue. You can dilute with 4/7 parts of water to make up to 2 lts (68 fl oz) of ballasting glue.

When diluted, it can be sprayed on ballast, applied using an eye dropper, or best, using an appropriate scale Proses Ballast Glue Applicator.

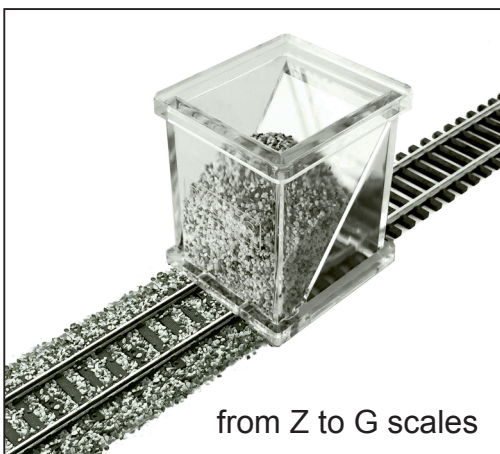
Proses G-01 Glue is also an ideal adhesive to fix scenic materials such as bushes, foliage, lichen and turf on your layout and best to bond laser-cut cardboard and wooden kits when diluted with 2-4 parts of water according to your needs.

Makes up to 2 Lt (68 fl oz) of ballasting glue.

Non-Toxic Water Based
Conforms to
Requirements of ASTM D4236

It is a strong, flexible adhesive and dries clear.

- Special formula to glue ballast and scenic materials.
- Heavily condensed.
- Makes up to 2 Lt (68 fl oz) of ballasting glue.
- Makes 500 ml to 1Lt of (17 fl oz to 34 fl oz) multi purpose scenic glue.



from Z to G scales

Basic Ballast Spreaders for All Scales

Proses has ballast spreaders for all scales from Z to G.

- | | |
|-----------|--|
| BS-HO-O1 | HO/OO Scale Ballast Spreader |
| BS-N-O1 | N Scale Ballast Spreader |
| BS-H0K-O1 | Ballast Spreader - for Märklin K & Ctrack |
| BS-O-O1 | O Scale Ballast Spreader 2-Rail |
| BS-O-O2 | O Scale Ballast Spreader 3-Rail |
| BS-TT-O1 | TT Scale Ballast Spreader |
| BS-Z-O1 | Z Scale Ballast Spreader |
| BS-G1 | Ballast Spreader for G & 1 Scales (45 mm / 1.772 inch) |

Ballasting Solutions

BS-FIX-07 Electronic Ballast Glue Applicator (HO)

Once you have laid the ballast on your track, now it's time to fix it.

Proses Electronic Glue Applicator is the easiest to use and the fastest solution to fix the ballast on track.

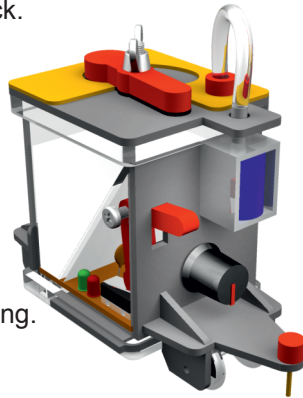
It can be pushed or pulled by a locomotive.

Drop frequency electronically adjusted.

Meters of glue applied in seconds.

Drops glue only on ballast and sleepers thus you don't need to clean the rails after gluing.

- Start/Stop switch
- Dripping frequency knob
- Power and frequency LEDs.



BS-HO-02 Ballast Spreading Car w/Shut Off and Height Adjustment (HO)

The new Ballast Spreading Car with special features make this the only Ballast Spreader you'll ever want!

- Adjustable height setting allows you to alter the depth of ballast and cope with different Code Rail - Code 100, 83, 75, etc.
- Shut off valve - now you can halt the flow of ballast whilst you lift the Ballast Spreader over point work or when it reaches the end of the track.
- Loco hauled - You can now pull the Ballast Spreader with a locomotive as well as by hand.



Available in HO/OO scale.

BS-FIX-01 Ballast Glue Applicator (HO) BS-FIX-03 (N), BS-FIX-05 (TT)

Once you have used one of the Proses Ballast Spreaders to place the ballast on your track, now is the time to quickly and simply place the glue onto the track.

The Proses Ballast Glue Applicator does just that.

It has a special magnetic valve mechanism which drips the glue through 4 small holes when you turn the knob 1/4 at once.

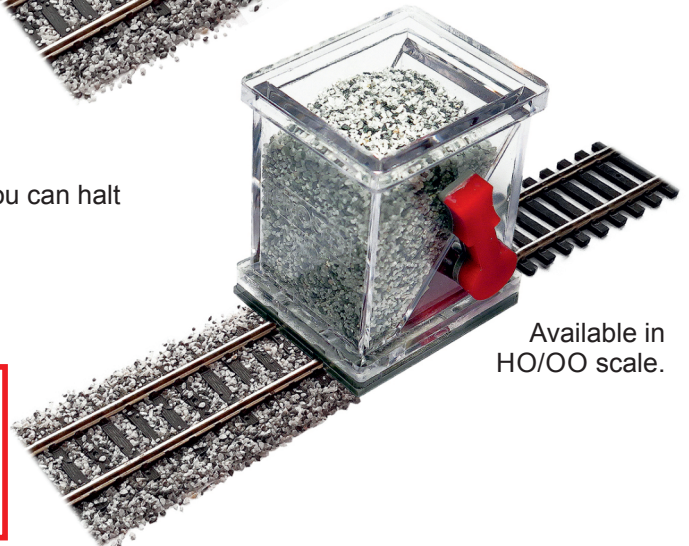
Fill with Proses G-01 Ballast & Scenic Glue, run over your tracks while turning the knob.



Available in HO, TT, N scales.

BS-HO-04 Ballast Spreader w/Shut Off Valve (HO)

Now with the shut off feature added to our ballast spreader you can halt the flow of ballast while you lift the Ballast Spreader over point work or when it reaches the end of the track.



Available in HO/OO scale.

Packs

- BS-FIX-02 Ballast Spreader & Ballast Applicator Set (HO)
- BS-FIX-04 Ballast Spreader & Ballast Glue Applicator Set (N)
- BS-FIX-06 Ballast Spreader & Ballast Gluer Set (TT)
- BS-HO-03 Ballast Spreader Car & Ballast Glue Applicator (HO)

Cutters for Models and Tracks

TC-105 Timber & Rod Cutter

Another useful tool from Proses workshops.

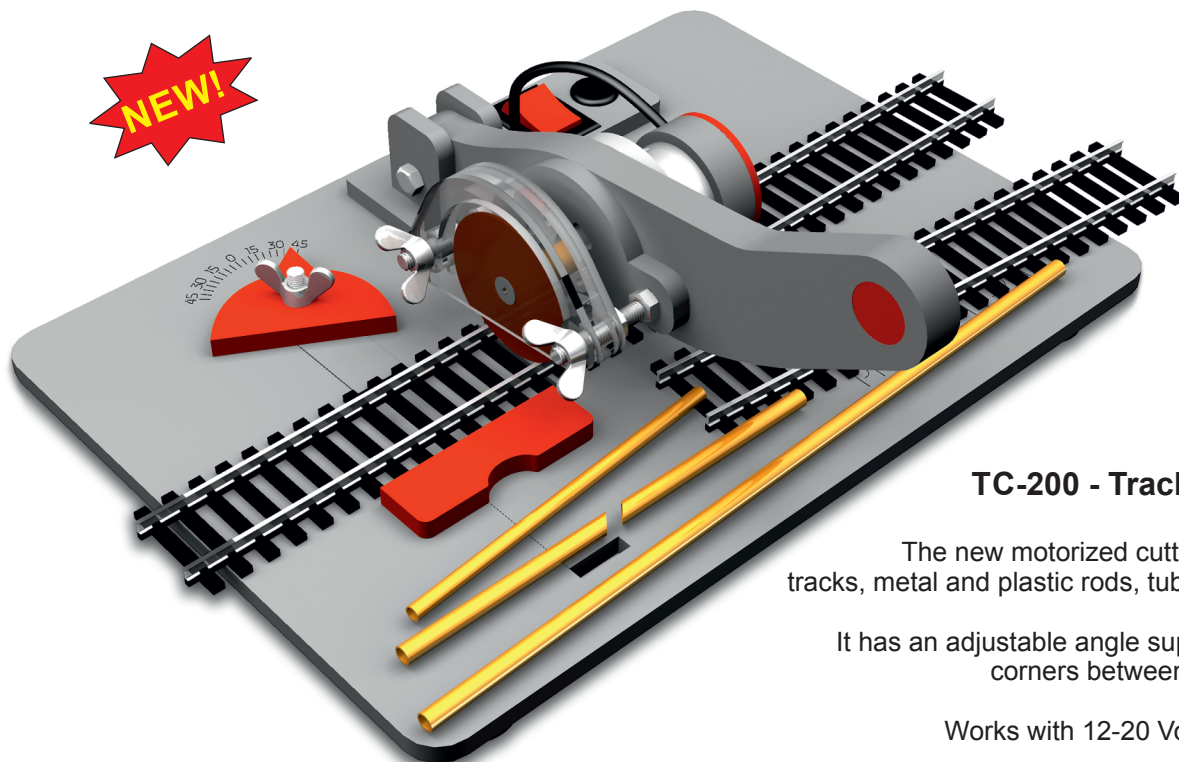
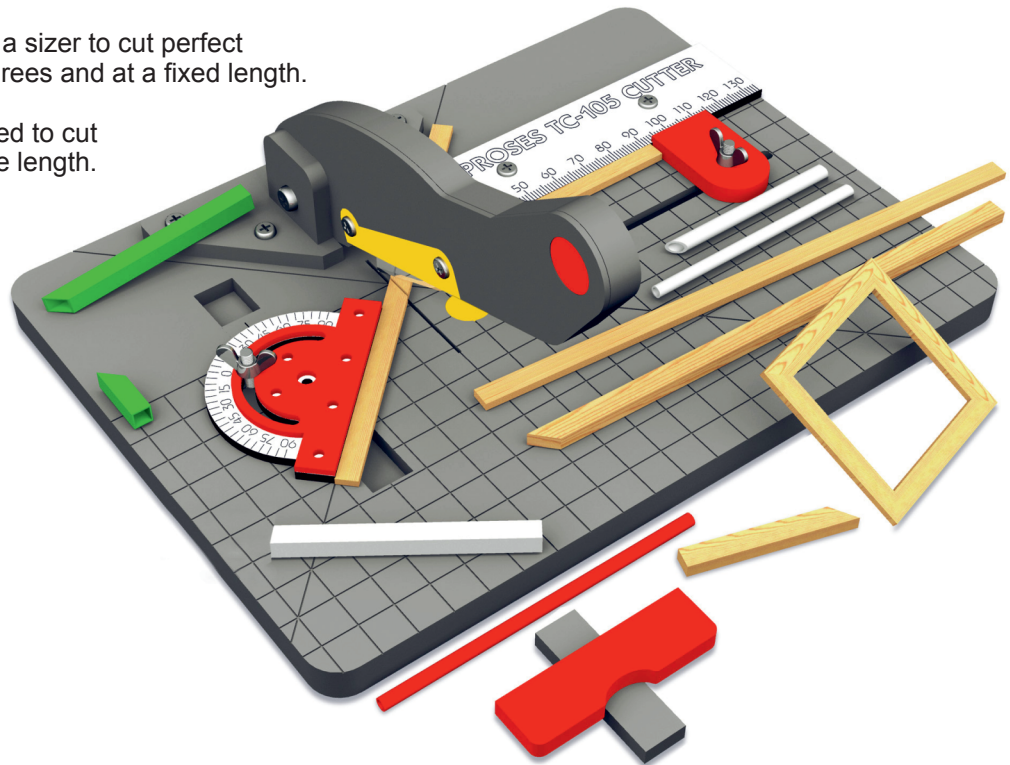
Cleanly and easily cut plastic rods, tubes, soft wood timbers, etc. using the new Proses Cutter.

TC-105 Timber Cutter uses standard Stanley knife blades which can easily be found in many stores.

Includes an angle stop and a sizer to cut perfect corners between 30-90 degrees and at a fixed length.

Length of cutting can be fixed to cut multiple timbers at the same length.

Spare blades included.



TC-200 - Track & Rod Cutter

The new motorized cutter cuts model train tracks, metal and plastic rods, tubes, etc. with ease.

It has an adjustable angle support to cut perfect corners between 0-45-90 degrees.

Works with 12-20 Volts, 2-3 Amps DC.

Spare cutter included.

TC-200 (without power supply.)
TC-200-PS (with power supply.)

Cradles, Service Benches

LB-902 - Multi Angle Rotating Loco Cradle

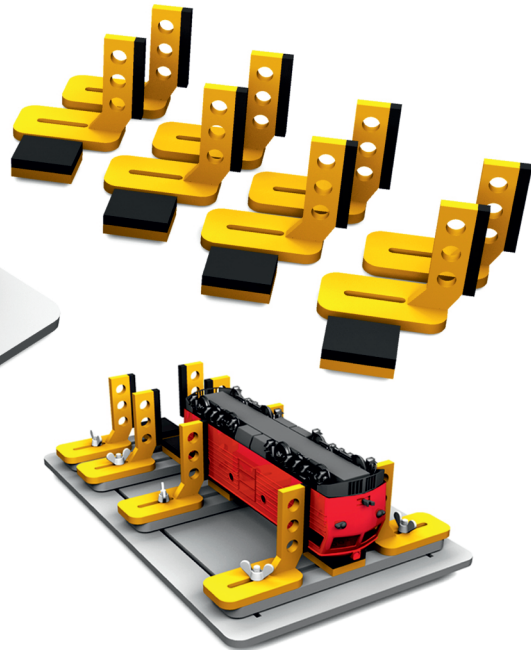
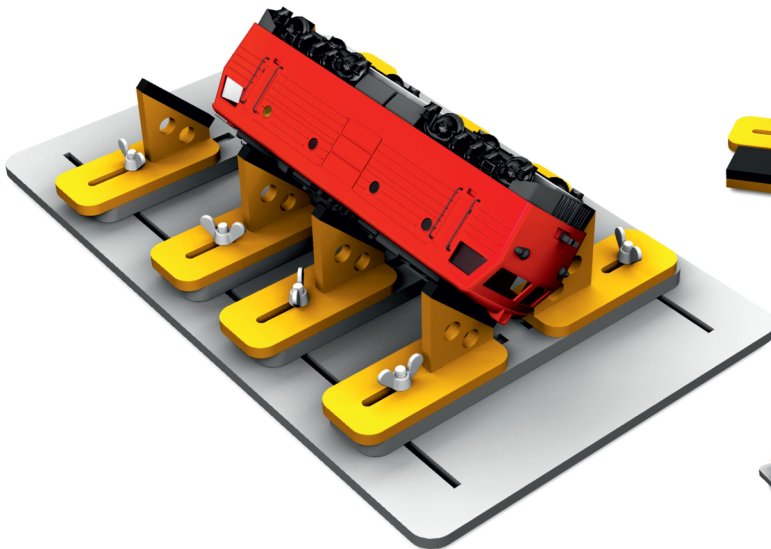
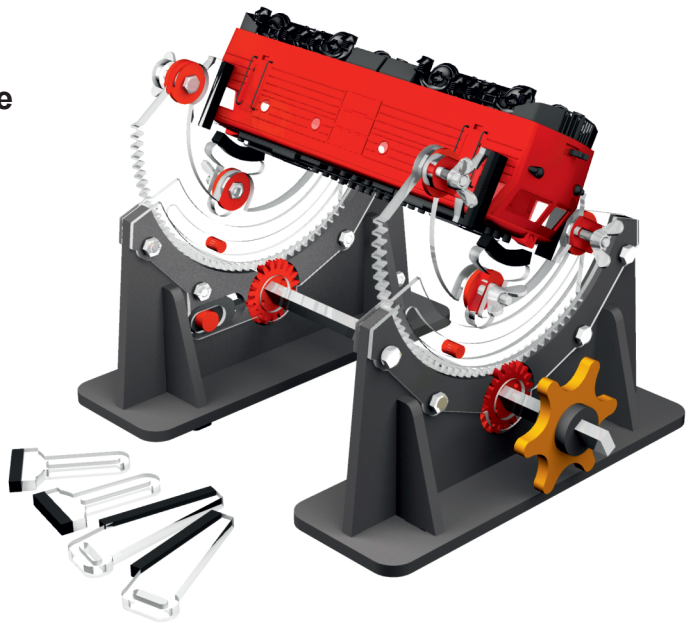
For O, OO, HO, N, S, TT Scales

Access all areas of your Loco with this new mechanical loco cradle from Proses.

Adjustable for the length of your loco.

Holds and rotates your model with ease.

Unique rubber beds keep the loco held in the cradle without damage.



LB-901 - Loco Service Cradle

Service your loco simply and easy with this new loco cradle.

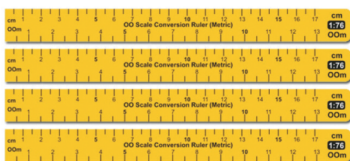
Will support your loco at 45, 90 degrees or completely upside down.

Unique rubber beds keep the loco held in the bench without damage.

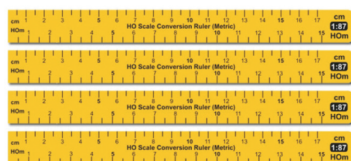
Conversion Rulers

The easy way to measure and calculate scale meters or scale feet of your structures.

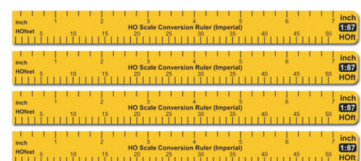
One side of the ruler measures actual centimeters or inches and one side measures scale meters or feet .



PR-CR-76M
OO scale metric (cm to OOmm)



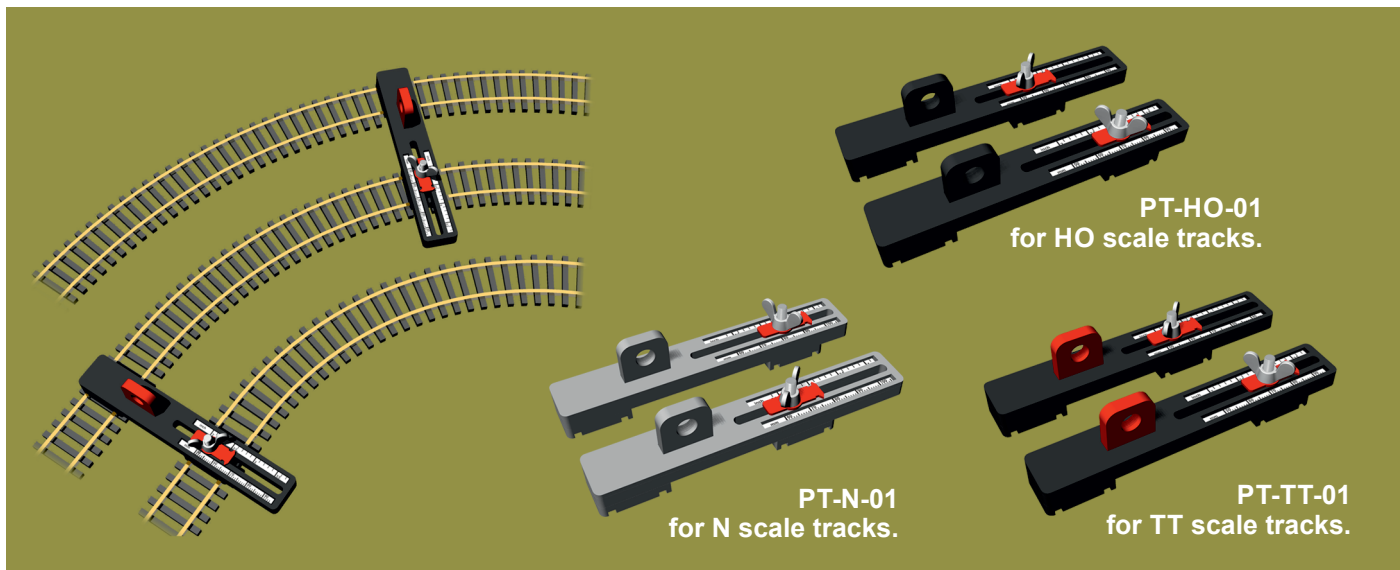
PR-CR-87M
HO Scale metric (cm to HOmm)



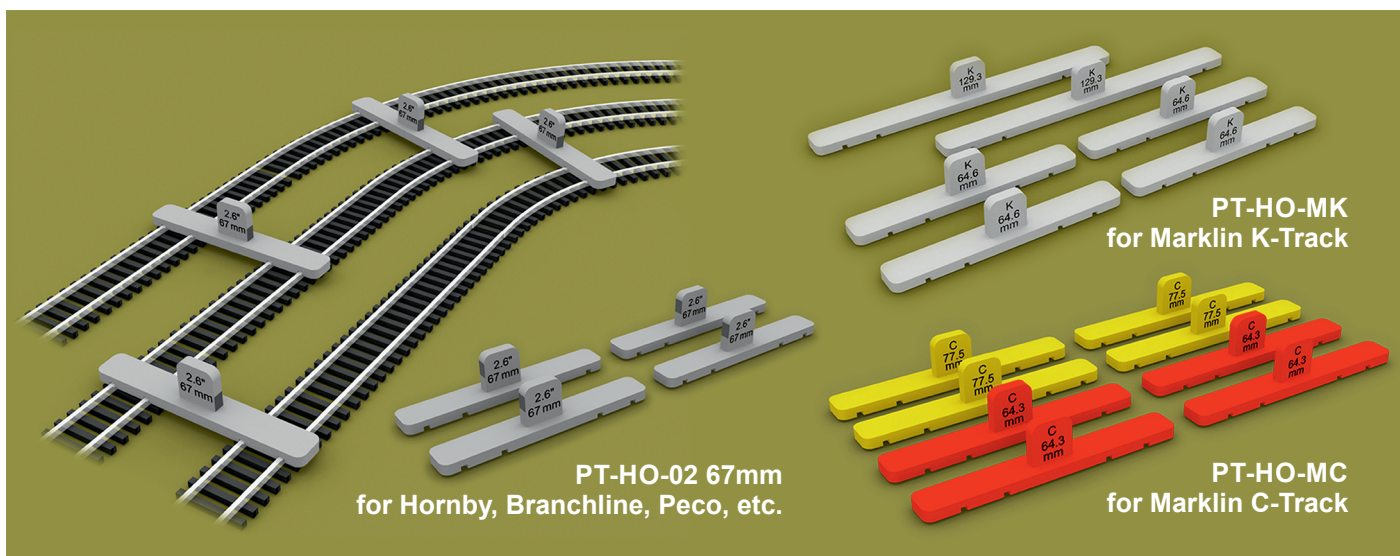
PR-CR-87I
HO scale Imperial (inch to HOfeet)

Track Laying Tools

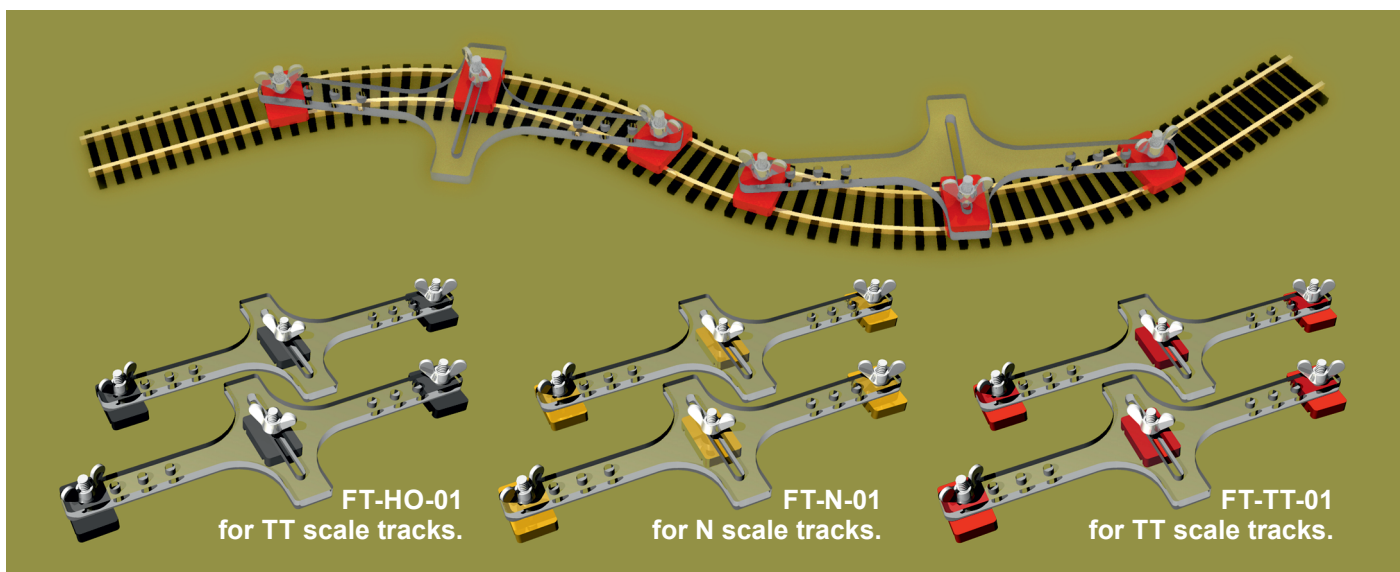
Adjustable Parallel Track Tools



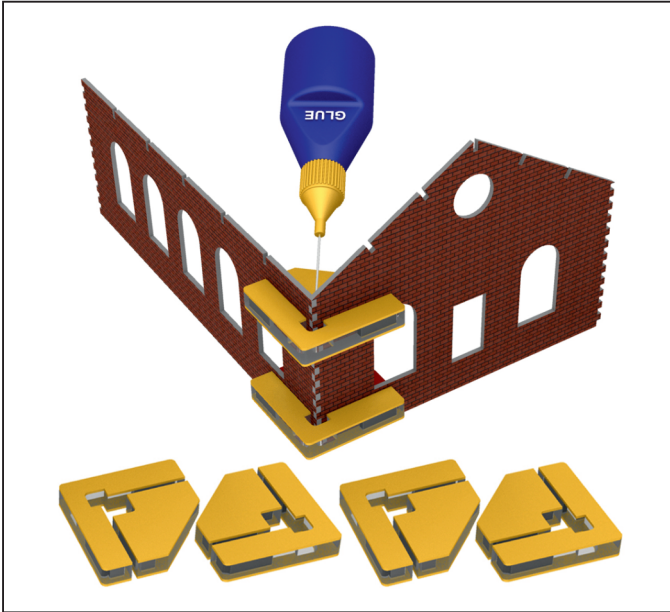
Parallel Track Tools (Fixed)



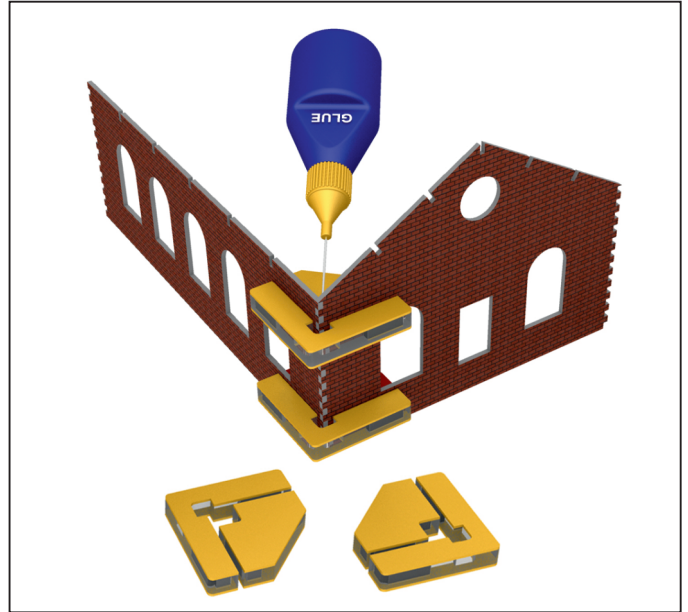
Flexible Track Holders



Kit Building Tools



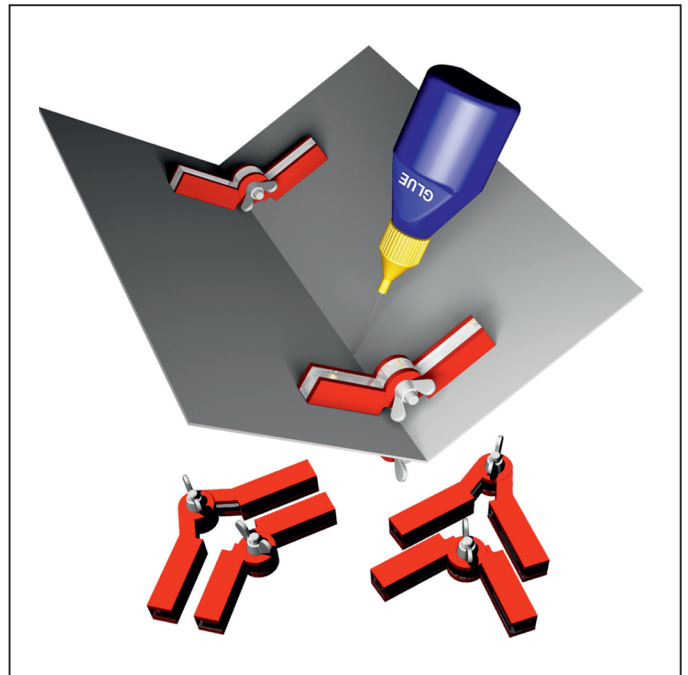
SS-01 - Snap & Glue
Right Angle Magnetic Clamps (4 pcs)



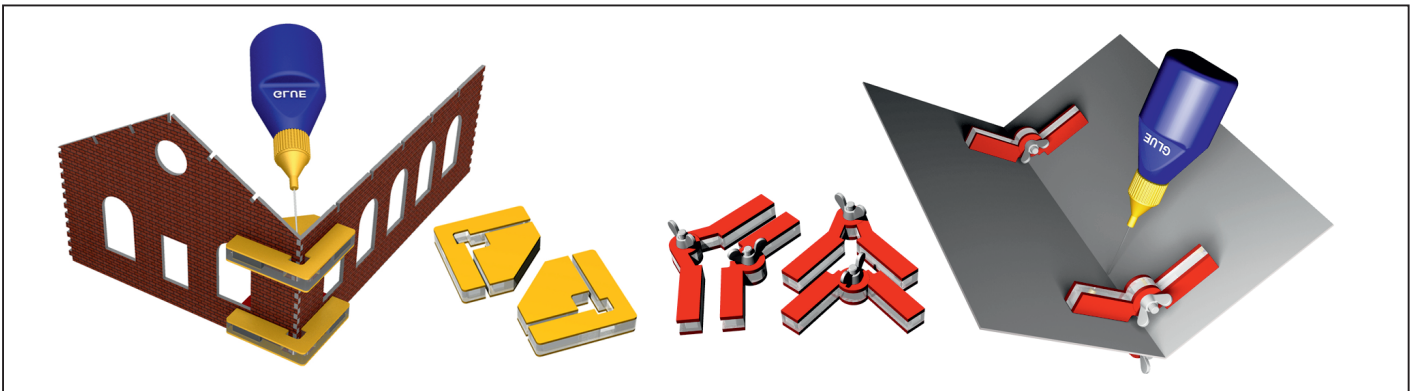
SS-02 - Snap & Glue
Right Angle Magnetic Clamps (2 pcs)



SS-03 - Hold & Glue
Right Angle Holders (2 pcs)



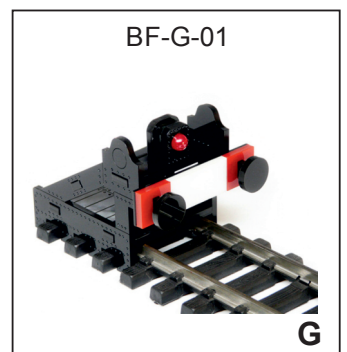
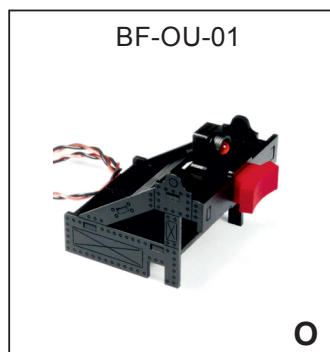
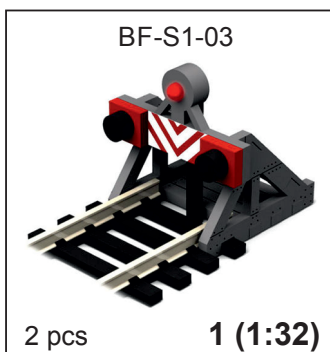
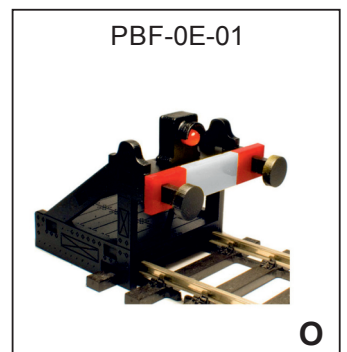
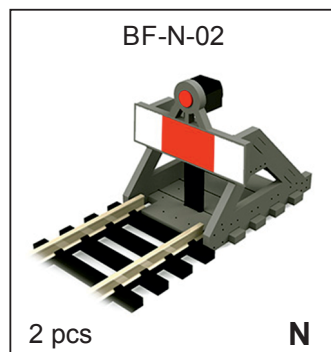
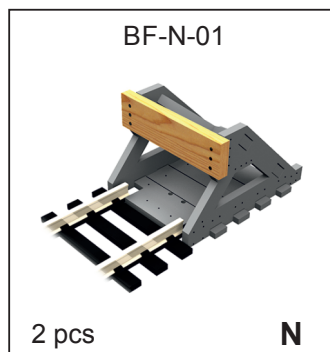
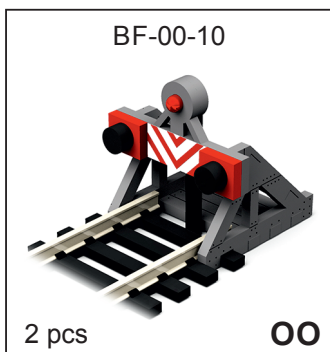
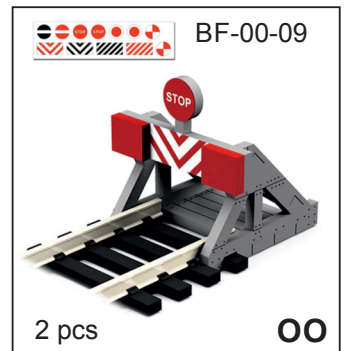
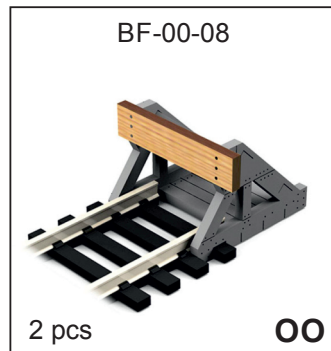
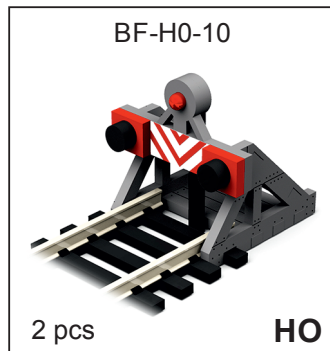
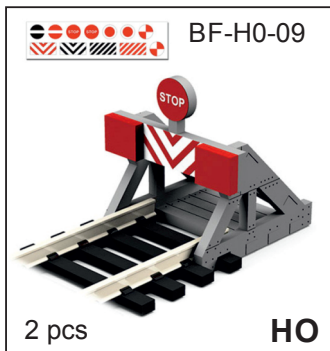
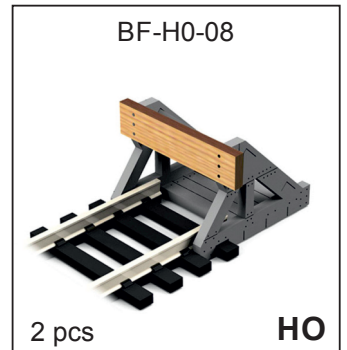
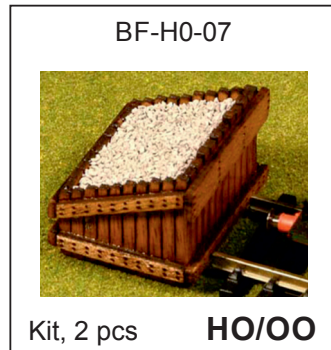
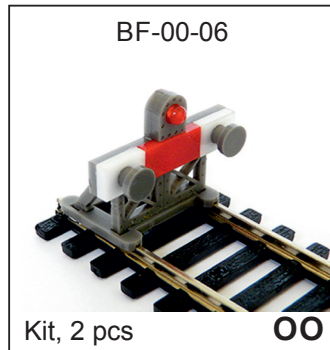
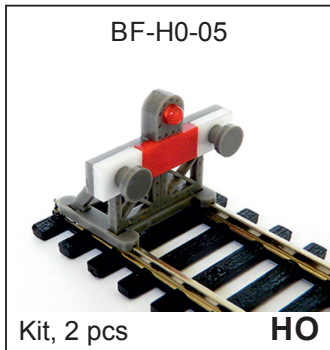
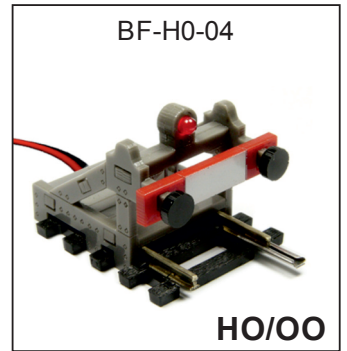
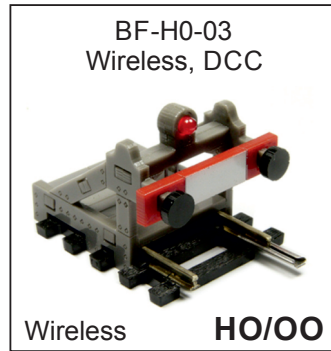
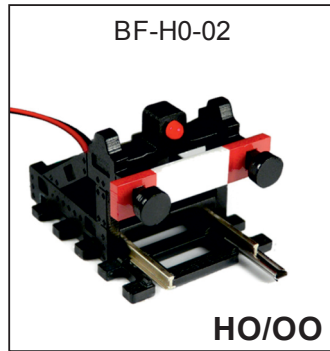
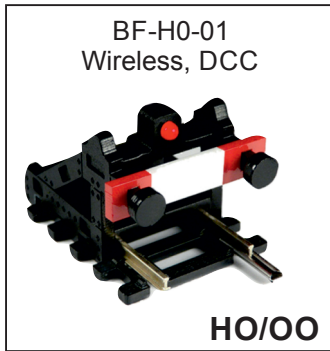
SS-04 - Snap & Glue Adjustable Angle
Adjustable Angle Magnetic Clamps (2 pcs)



SS-05 - Snap & Glue Set
90° & Adjustable Angle Magnetic Clamps (4 pcs)

Note: Glue is not included.

Buffer Stops w/Light – N to G scales

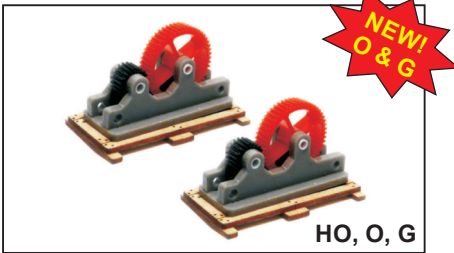


Items not shown in pictures.

BF-G-02 G Scale Buffer Stop w/Real Wooden Plate (2 pcs)
 BF-G-03 G Scale Buffer Stop w/Assorted Decals (2 pcs)
 BF-G-04 G Scale Buffer Stop w/Light (2 pcs)

BF-S1-01 1:32 Scale Buffer Stop w/Real Wooden Plate (2 pcs)
 BF-S1-02 1:32 Scale Buffer Stop w/Assorted Decals (2 pcs)
 BF-S1-03 1:32 Scale Buffer Stop w/Light (2 pcs)

Wagon Load Kits (HO, OO, O, G Scales)



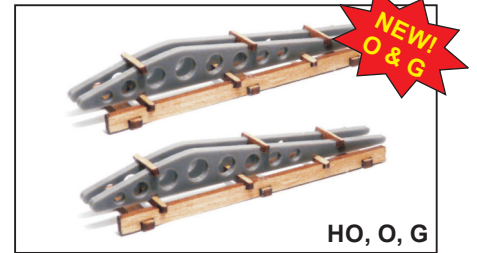
HO, O, G

HL-K-01 Machinery Parts HO Scale
OL-K-01 Machinery Parts O Scale
GL-K-01 Machinery Parts G Scale
 2 pcs kit, authentic wood and acrylic.



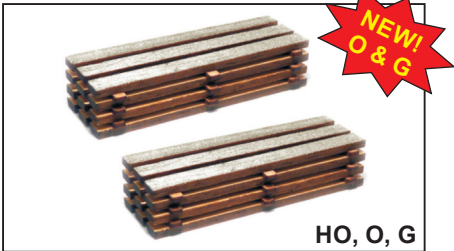
HO, O, G

HL-K-02 Big Crates HO Scale
OL-K-02 Big Crates O Scale
GL-K-02 Big Crates G Scale
 2 pcs kit, authentic wood.



HO, O, G

HL-K-03 Aircraft Wings HO Scale
OL-K-03 Aircraft Wings O Scale
GL-K-03 Aircraft Wings G Scale
 2 pcs kit, authentic wood and acrylic.



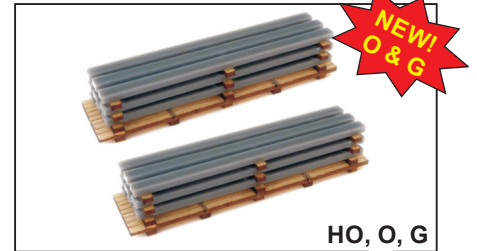
HO, O, G

HL-K-04 Timber Loads HO Scale
OL-K-04 Timber Loads O Scale
GL-K-04 Timber Loads G Scale
 2 pcs kit, authentic wood.



HO, O, G

HL-K-05 Cable Drums HO Scale
OL-K-05 Cable Drums O Scale
GL-K-05 Cable Drums G Scale
 2 pcs kit, authentic wood.



HO, O, G

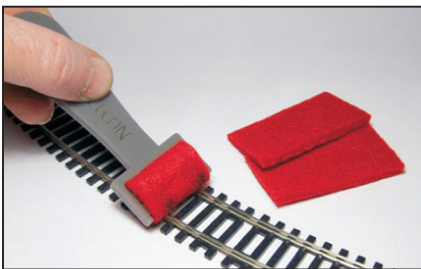
HL-K-06 Steel Loads HO Scale
OL-K-06 Steel Loads O Scale
GL-K-06 Steel Loads G Scale
 2 pcs kit, authentic wood and cardboard.



HK-K-07 Oil Drums HO Scale
 Kit, 2 authentic wooden pallets, 24 turned aluminum oil drums, unpainted. Photo shows a set made with 2 kits.

More wagon loads
 will be released in 2016.

Track Cleaner



TC-001 Track Cleaner

Simple and easy hand tool for keeping your track wonderfully clean.

Comes with replaceable pads.

For improved cleaning, use in conjunction with alcohol or a track cleaning liquid.

TC-102 Track Cleaner Spares

5 spare pads.



Track Voltage Testers



VT-001 Track Voltage Tester DC, DCC

Check not just if your track has power but also how much!

Lights illuminate for 5-9V, 9-12V and +12V

Analogue DC or DCC compatible

Works on all N, HO, S, TT and OO track systems.



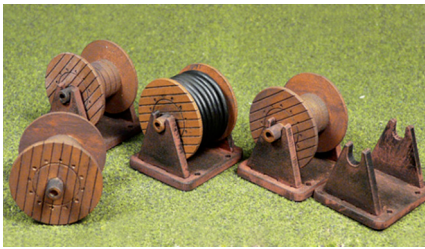
VT-002 Track Voltage Tester 3-Rail

For 3-rail (Marklin) layouts.

Lights illuminate for 5-9V, 9-12V and +12V

Analogue or digital compatible.

Laser-Cut Kits



LS-003 - Cable Drums

4 pcs, kit.



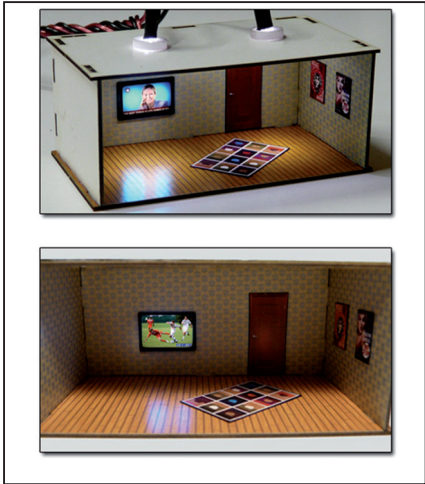
LS-004 - Cottages

Kit, 2 pcs, 65 X 42 X 47 mm.



LS-006 - Shed For 4 Cars

Kit, 150 X 40 mm.



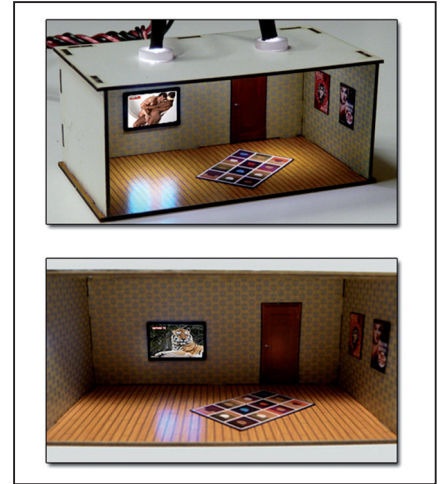
LS-001 - Rooms w/TV

2 pcs, kit, fits in your HO/OO buildings
Theme News & Sports channels.



LS-002 - 4 Rooms

4 pcs, kit, fits in your HO/OO buildings
Includes LED lights and decoration.



LS-008 - Rooms w/TV

2 pcs, kit, fits in your HO/OO buildings
Theme Nature & Erotic channels.



LS-007 - Billboards HO/OO

4 pcs, kit, W: 56 mm, H: 36 mm.



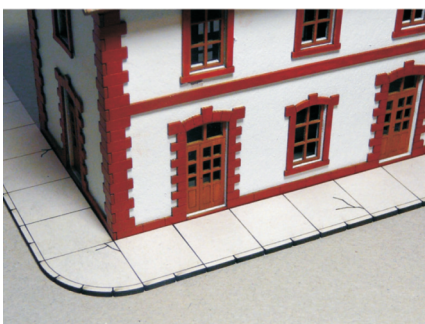
LS-010 - Billboards HO

4 pcs, kit, W: 56 mm, H: 36 mm.



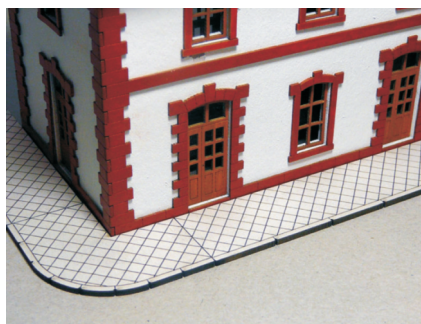
SIGN-HO-01 - Movie Billboards

6 pcs, kit, W: 16 mm, H: 27 mm.



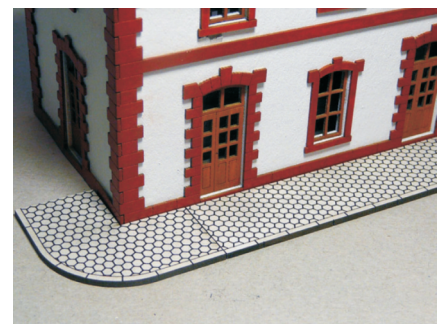
LS-016 - Sidewalks Concrete

HO/OO scale W: 25 mm, L: 120 mm.



LS-016 - Sidewalks Diamond

HO/OO scale W: 25 mm, L: 120 mm.



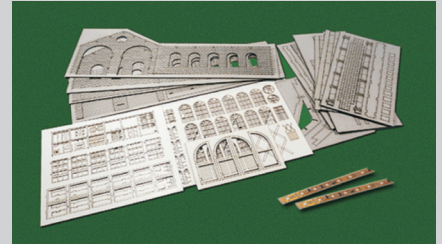
LS-018 - Sidewalks Hexagone

HO/OO scale W: 25 mm, L: 120 mm.

LS-019 - Sidewalks Concrete N Scale

LS-020 - Sidewalks Diamond N Scale

Laser-Cut Kits



LS-009 - Double Engine Loco Shed HO/OO 192 X 136 X 110 mm

LS-014 - Double Engine Loco Shed (Long) HO/OO 287 X 136 X 110 mm

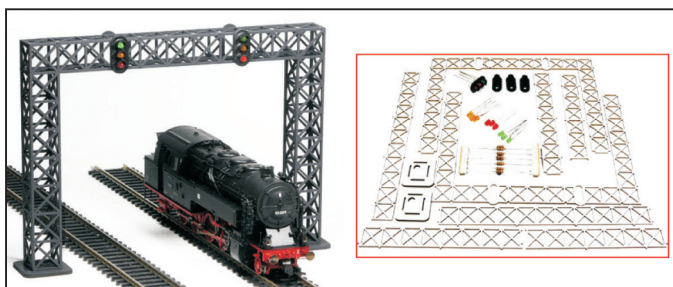


LS-011 - Historical Afyon Train Station

Authentic laser-cut replica of historical train station built in 1890 in Afyon, Turkey.
Made of hard cardboard. Fits to HO/OO scale layouts. 297 X 140 X 137 mm

LS-015 - Cigli Train Station

Authentic laser-cut replica of Cigli train station in İzmir, Turkey built in 1876.
Made of hard cardboard. Fits to HO/OO scale layouts.
Main building: 14 X 8 X 11.5 cm Extension: 12 X 6 X 6.5 cm



LS-013 - Laser-cut Signal Bridge Kit
HO/OO with 12 LEDs



Lase-cut Letters

LSL-50 Height 5 mm
LSL-75 Height 7.5 mm
LSL-100 Height 10 mm

Modular Helix Systems

Modular Helix Systems

Fully upgradable and modular, clear acrylic (N scale) or PVC (HO scale) helix system.

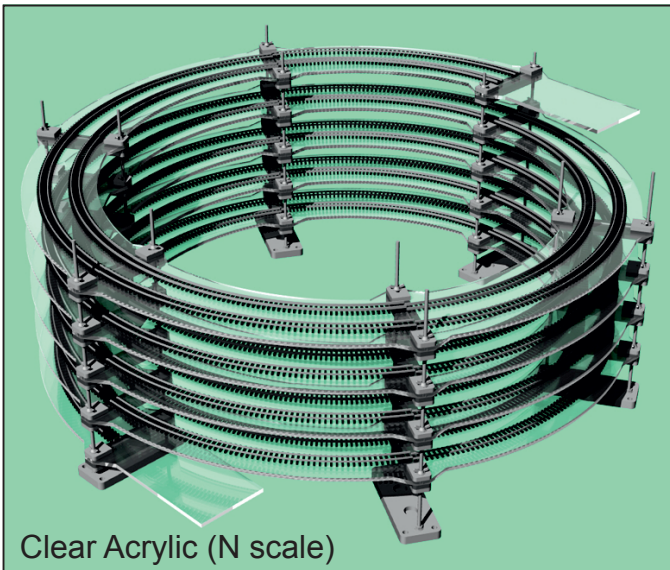
Can be assembled and disassembled in less than 2 hours which enables you to move or change your layout and modify the helix with ease.

Very strong despite being modular. Assembly is done using nuts and wing nuts. You don't need any tools, even a screwdriver.

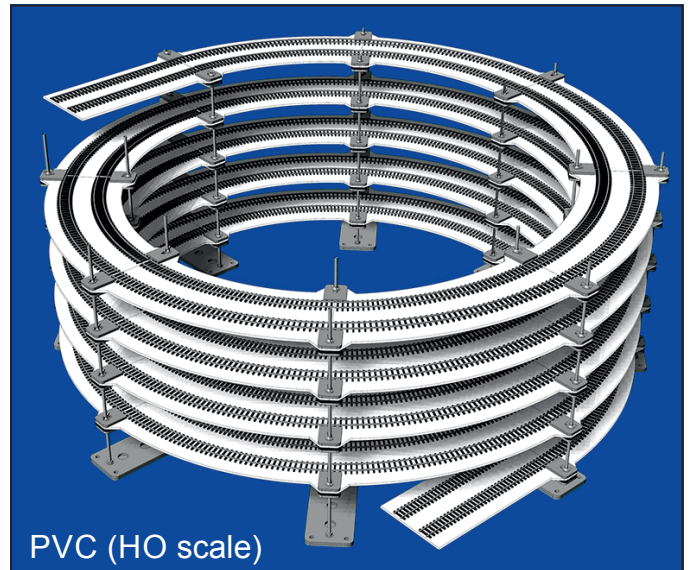
Designed for all track systems, single or double tracks, various sizes.

Standard sets includes heights from 30 to 50 cm, levels from 2.5 up to 4.5 both for single and double tracks.

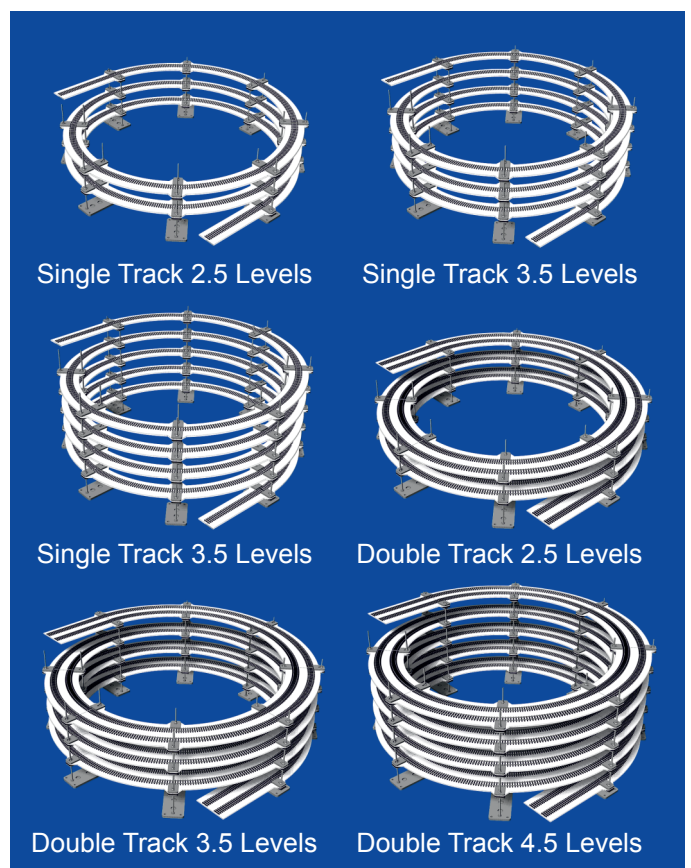
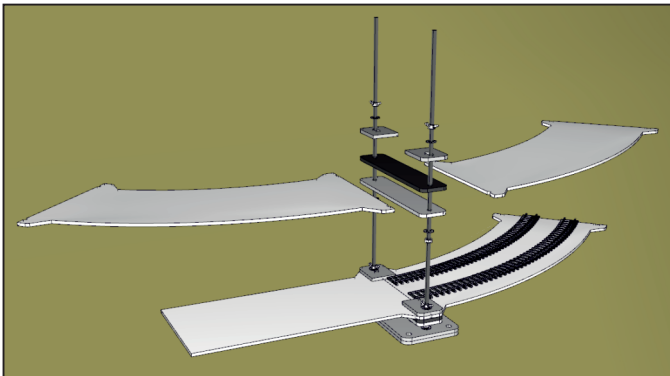
Custom size helices may be ordered.



Clear Acrylic (N scale)



PVC (HO scale)



Single Track 2.5 Levels

Single Track 3.5 Levels

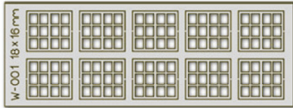
Single Track 3.5 Levels

Double Track 2.5 Levels

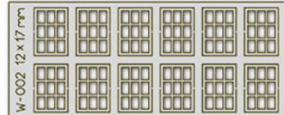
Double Track 3.5 Levels

Double Track 4.5 Levels

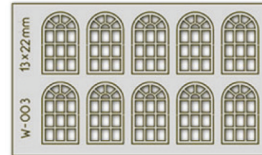
Laser-Cut Parts For Models



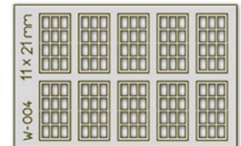
W-001
18 x 16 mm



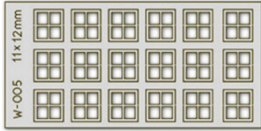
PW-002
12 x 17 mm



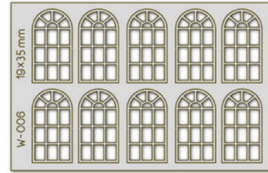
PW-003
13 x 22 mm



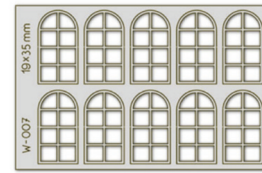
PW-004
11 x 21 mm



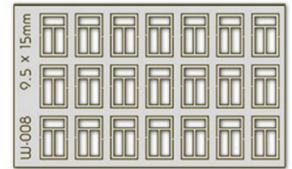
PW-005
11 x 12 mm



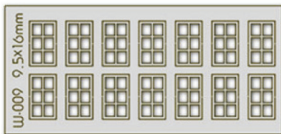
PW-006
19 x 35 mm



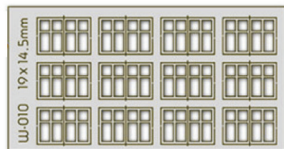
W-007
19 x 35 mm



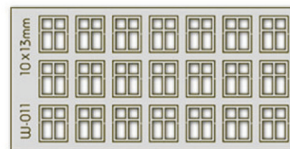
W-008
9.5 x 15 mm



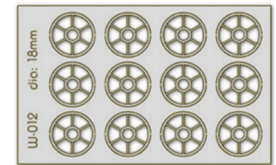
PW-009
9.5 x 16 mm



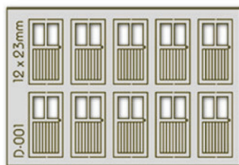
PW-010
19 x 14.5 mm



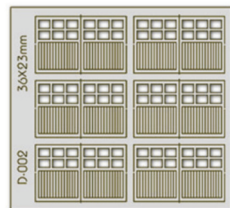
PW-011
10 x 13 mm



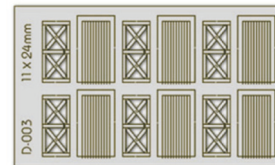
W-012
Ø 18 mm



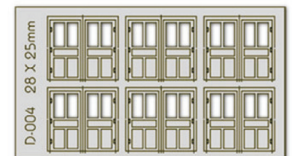
PD-001
12 x 23 mm



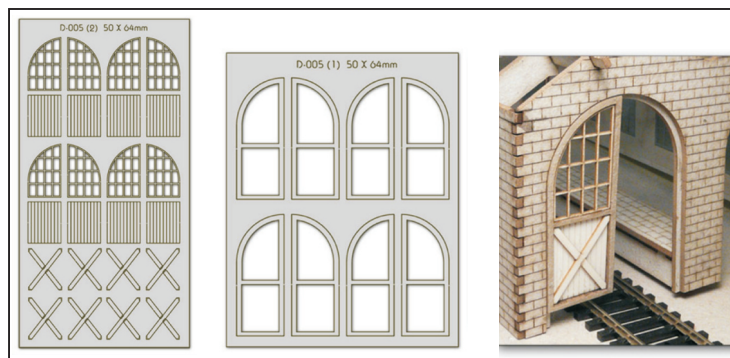
PD-002
36 x 23 mm



PD-003
11 x 24 mm



PD-004
28 x 25 mm



PD-005 - Laser-cut Depot Doors
2 pcs, 50 X 64 mm

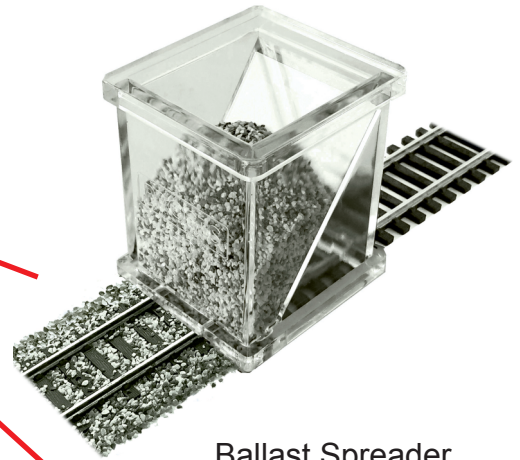
- W-001** 10 pcs 18 X 16mm 12 Pane Windows
- W-002** 12 pcs 12 X 17mm 9 Pane Windows
- W-003** 10 pcs 13 X 22mm 14 Pane Arched Windows
- W-004** 10pcs 11 X 21mm 12 Pane Windows
- W-005** 18 pcs 11 X 12mm 4 Pane Windows
- W-006** 10 pcs 19 X 35mm 14 Pane Arched Windows
- W-007** 10 pcs 19 X 35mm 8 Pane Arched Windows
- W-008** 21 pcs 9.5 X 15mm 3 Pane Windows
- W-009** 14 pcs 9.5 X 16mm 6 Pane Windows

- W-010** 12 pcs 19 X 14.5mm 4 Pane Dbl Unit Windows
- W-011** 21 pcs 10 X 13mm 4 Pane Windows
- W-012** 12 pcs 18mm Diameter Round Windows
- W-013** 18 pcs 12mm Diameter Round Windows
- D-001** 10 pcs 12 X 23mm 2 Lite Doors
- D-002** 6 pcs 36 X 23mm 6 Lite Dbl Unit Garage Doors
- D-003** 6 pcs 11 X 24mm Cottage Doors
- D-004** 6 pcs 28 X 25mm Double Unit Doors
- D-005** 4 pcs 50 X 64mm Double Unit Loco Depot Doors

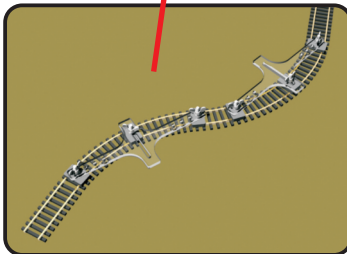
Packs



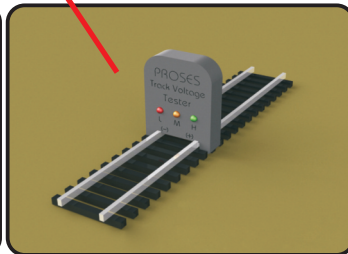
5 Packs w/Most Popular Tools



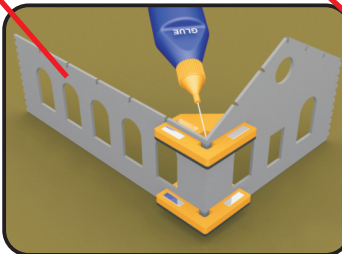
Ballast Spreader



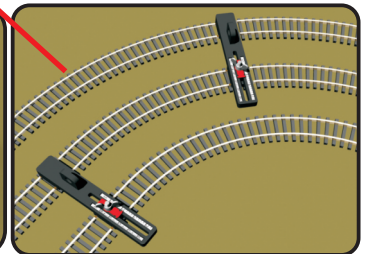
Flexible Track Holder



Track Voltage Tester



Snap & Glue Clamps



Parallel Track Tools

PP-10 5 Pack Tool Assortment HO

- 2 X Flexible Track Holders
- 2 X Parallel Track Tools
- 2 X Snap & Glue Magnetic Clamps
- 1 X Track Voltage Tester
- 1 X Ballast Spreader

PP-12 5 Pack Tool Assortment TT

- 2 X Flexible Track Holders
- 2 X Parallel Track Tools
- 2 X Snap & Glue Magnetic Clamps
- 1 X Track Voltage Tester
- 1 X Ballast Spreader

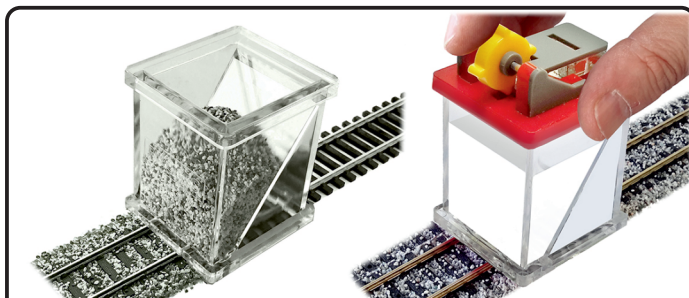
PP-11 5 Pack Tool Assortment N

- 2 X Flexible Track Holders
- 2 X Parallel Track Tools
- 2 X Snap & Glue Magnetic Clamps
- 1 X Track Voltage Tester
- 1 X Ballast Spreader

PP-13 5 Pack Tool Assortment K-Track

- 2 X Flexible Track Holders
- 2 X Parallel Track Tools
- 2 X Snap & Glue Magnetic Clamps
- 1 X Track Voltage Tester
- 1 X Ballast Spreader

Ballast Spreader & Glue Applicator Packs



BS-FIX-02 Spreader & Glue Applicator (HO/OO)
BS-FIX-04 Spreader & Glue Applicator (N)
BS-FIX-06 Spreader & Glue Applicator (TT)



BS-HO-03 Spreader Car & Glue Applicator (HO/OO)

Pre-cut Cork Bed System

Pre-Cut Cork-Beds for HO/OO Tracks

Pre-Cut HO/OO scale cork-beds for UK geometry such as Hornby, Branchline, etc.

A revolutionary, easy way to apply track beds to your layout.

All cork-beds are numbered similar to Hornby and Branchline codes.

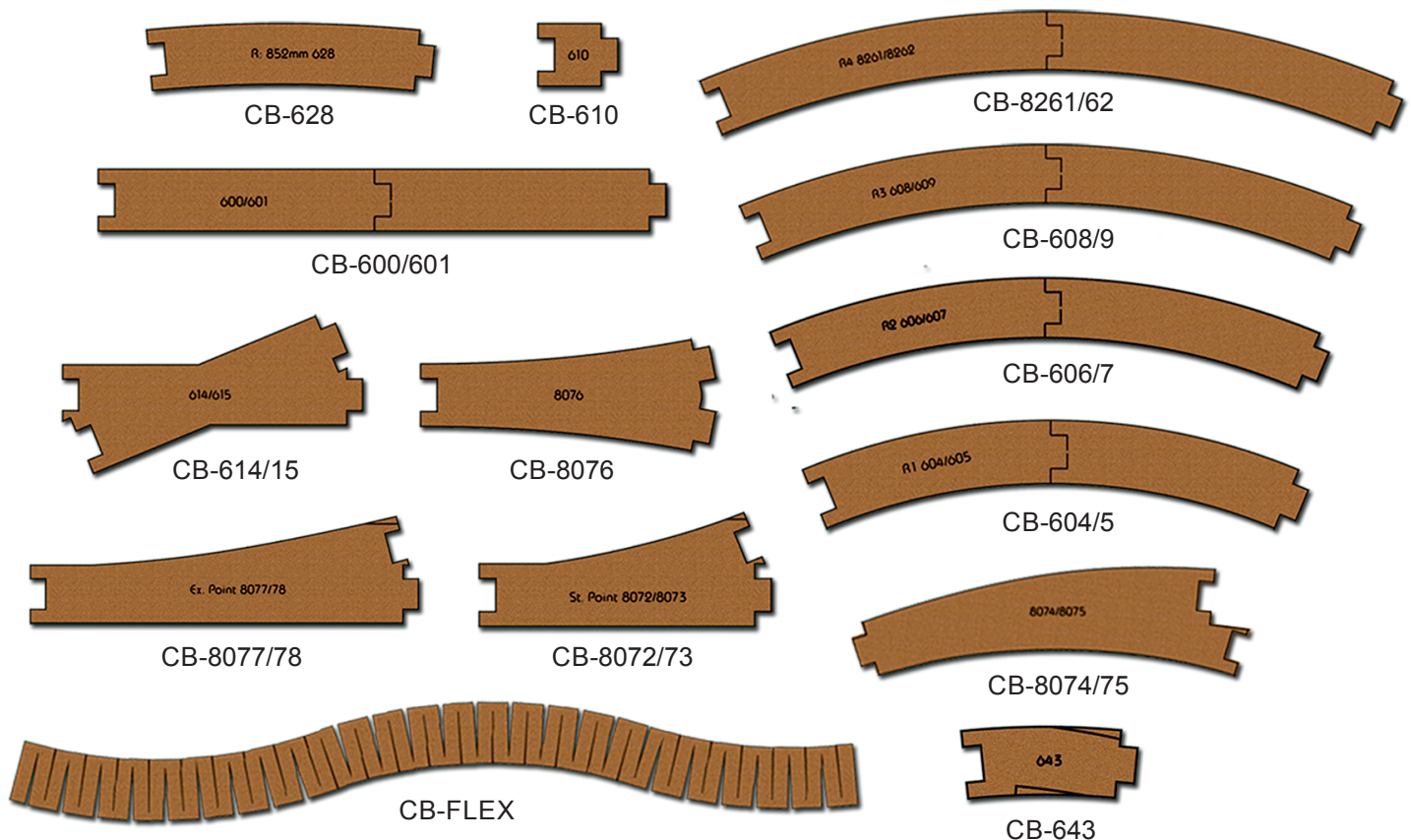
If you have a Hornby curve track R8261 or R8262, you need CB8261-2.

If you have a Hornby R8072 or 8073 Standard Point you need CB8072-3

If you have a Branchline 36-877 or 36-878 Express Point you need CB8077-8

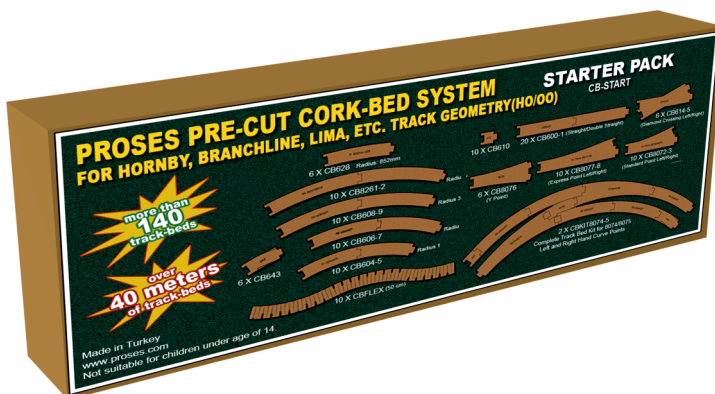
All curve and straight beds are designed "double sized".

You can cut from the lines to use with standard curves and straights



CB-Starter Pack

Over 140 pcs Pre Cut Cork Beds (+40 Meters)



Contents:

- CB628 x6
- CB8261-2 x 10 (Radius 4)
- CB608-9 x 10 (Radius 3)
- CB606-7 x 10 (Radius 2)
- CB604-5 x 10 (Radius 1)
- CB643 x 6
- CBFLEX x 10 (Each 50cm)
- CB610 x 10
- CB600-1 x 20
- CB8076 x 6 (Y Point)
- CB614-5 x 6 (Diamond Crossing)
- CB8077-8 x 10 (Express Point)
- CB8072-3 x 10 (Standard Point)
- CBKIT8074-5 X 2 (Complete track bed kit for left and right hand curved points and matching curved track.)

Slot Car Accessories

Laser-cut buildings, lights, tyre truers and cleaners, track testers, accessories for slot cars layouts.

ILLUMINATED BILLBOARD



1:32 LASER-CUT KIT

LIGHT TOWER



1:32 LASER-CUT KIT

LIGHT STAND



1:32 LASER-CUT KIT

TYRE TRUER & CLEANER



FOR 1:32 SLOT CARS

FOOTBRIDGE



1:32 LASER-CUT KIT

PIT STOP FOR 2 CARS



1:32 LASER-CUT KIT

HOT DOG STAND w/ROTATING BANNER & LIGHT



1:32 LASER-CUT KIT

START/FINISH & ADS BRIDGE



1:32 LASER-CUT KIT

RETRO GRANDSTAND



1:32 LASER-CUT KIT

GARAGE & WORKSHOP



1:32 LASER-CUT KIT

RACE CONTROL TOWER



1:32 LASER-CUT KIT

MARSHAL'S STAND



1:32 LASER-CUT KIT

Slot Car Accessories

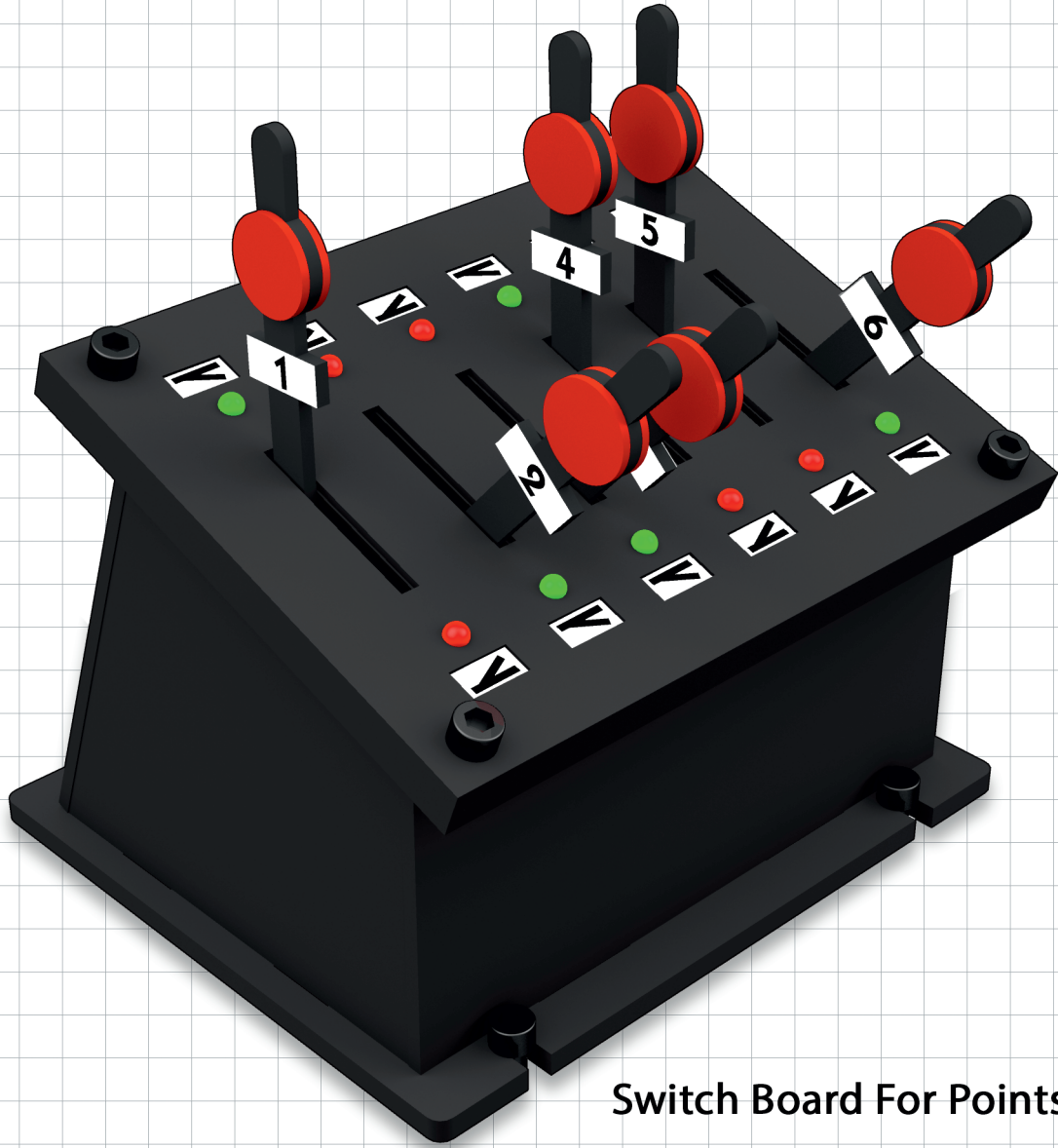
Lamp posts for slot cars.



LS-323 - 1:32 Modern Lamp Post
Double sided, 6 high illuminance LEDs.

LS-322 - 1:32 Modern Lamp Post
Single sided, 3 high illuminance LEDs.

Notes:



Switch Board For Points



Proses Elektronik Ltd.
Rüzgargülü Çıkmazı Sok. No: 1A, D:7
Feneryolu, Kadıköy, 34724 İstanbul
TURKEY

Tel: +90 216 4180708
e-mail: info@proses.com
web: www.proses.com