

# List Of Short Rolling Stock

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[IronWorksModels.com/instructions](http://IronWorksModels.com/instructions)

Because of the extremely tight 8.25" radius curves, only a small set of rolling stock will operate on this layout.

We have compiled this list of rolling stock that may (or may not) work on the tight curves. We have successfully tested a few of the locomotives and cars, and we've marked these with "Pass". These either worked well for us, or have additional notes. We have not tested any of the other items in the list, but believe they have a good chance of working.

Our goal is to keep this list updated and growing. Please provide feedback if you try any of these, and whether you have success (or failure) with other rolling stock

## T and Z Scales

We believe nearly all T and Z scale rolling stock will run on our 8 1/2" radius curves. Please double check the minimum radius specified by the manufacturer for the piece of rolling stock that you would like to run.

## N Scale

Many of the medium length locomotives and rolling stock will work. Target about 3" or less for total wheel length from front to rear wheels.

## HO Scale and O Scale

### A Note on Buying Used Items

For HO scale and larger, it's not easy to find rolling stock that will navigate the 8.25" curves. Many of the items in this list are older, "vintage" items. Even when brand new, older locomotives did not run as well or as smoothly as modern equipment.

Many of the items below are out of production, however, most are available on eBay, and often in new or like new condition. As with any used item, the price and operability will vary.

Only buy from highly rated sellers, review all photos in detail, read and understand the item's description, and understand the return policy. Reach out to sellers with any questions.

We've purchased a lot of excellent used items, but we've also got a few duds.

## Disclaimer

Running rolling stock on this small of a radius curve includes some trial and error. Some of the items on our list will almost certainly not work.

These curves are far tighter than any manufacture would recommend. No rolling stock was designed for use on this small of a radius, and it is possible that continually running on this radius could damage equipment.

This list is our opinion of what could potentially work based on vehicle length and axel configuration. Regardless of what is stated below, we provide no guarantees that any piece of rolling stock will successfully handle the tight radius curves.

That said, creating a micro-layout can be a lot of fun. Dive into this with a spirit of experimentation and enjoy the journey!

## HO Narrow Gauge Rolling Stock - HOn3 and HOn30 Gauge

We have not tested any HO Narrow Gauge rolling stock.

**HOn30:** We believe some shorter HOn30 rolling stock will work as it can also run on N scale track.

Some examples include 0-4-0 locomotives by Minitrains, Toma Model Works and Bachmann's HOn30 Thomas and Friends line.

**HOn3:** We have not yet found any locomotives that have the potential to run on this layout.

## HO Scale Rolling Stock

While cars up to 36' in length may handle these small radius curves, we suggest you target cars that are around 26' or less.

Two axel rolling stock generally handles tight radius curves as well.

To support older locomotives and rolling stock, we suggest using Code 100 track. This better supports the deeper wheel flanges on some older equipment.

Manufacturer	Name	Type	Test Result	Notes
AHM	AHM 0-4-0 Dockside	Engine	Pass	Manufactured by Rivorossi
AHM	Brill Trolley	Trolley	Pass *	Works with powered unit only. Can not pull the second car. Manufactured by RSO Atest
AHM	Center Cab Diesel	Engine	Pass	
AHM	GE 35 Ton Diesel Switcher	Engine	Unknown	
AHM	Plymouth MDT Diesel	Engine	Pass	
AHM	Boeing LVR Articulated	Trolley	<b>FAIL</b>	Does not navigate turns.
AHM	26' Hopper	Car	Unknown	
Athearn	EMD Model 40 Demonstrator	Engine	Unknown	
Athearn	26' Low-Side Ore Car	Car	Unknown	
Athearn	26' 4 Window Caboose	Caboose	Unknown	
Bachmann	Spectrum GE 44 Ton Switcher	Engine	Unknown	
Bachmann	Brill Trolley	Trolley	Unknown	
Bachmann	Ballast Vehicle	Car	Unknown	
Bachmann	4 Wheel Bobber caboose	Caboose	Pass	
Bachmann	Thomas and Friends Wagons	Cars	Unknown	While these may be considered a "toy", they are high quality and can be weathered or repainted if desired.
Boulder Valley (eBay)	Pedestal Flat Cars	Cars	Unknown	
Conowingo Models	Boxcar Doodlebug	Engine	Unknown	Uses AHM "GE 35 Ton Diesel Switcher" locomotive as the donor. On eBay.
Conowingo Models	24' Wood Tank Car, Boxcar, Flatcar,	Cars	Unknown	On eBay.
Hornby	Vintage "Tri-Ang" Wagons	Cars	Unknown	Short two axel trucks like these perform well on tight radius curves. * These come with British style tension-lock couplers.
IHC	Brill Trolley	Trolley	Pass	
Life Like	0-4-0 Dockside Switcher	Engine	Unknown	
Lionel	Husky Diesel Switcher	Engine	Unknown	
Model Power	Diesel Switcher	Engine	Unknown	
Model Power	Porter Hustler Diesel DC	Engine	Pass	
Model Power	0-4-0 Loco/Tanker Switcher	Engine	<b>FAIL</b>	Very bumpy and "clompy" through switches. We do not recommend any of the Model Power steam 0-4-0s.
Model Power	Old Time 0-4-0	Engine	<b>Unlikely</b>	Likely will not work based on above note.
Model Power	6670 Santa Fe Diesel	Engine	Unknown	

<b>Roundhouse</b>	Box Cab Diesel	Engine	Unknown	
<b>Roundhouse</b>	EMD Model 40 Diesel	Engine	Unknown	
<b>Roundhouse</b>	26' "High Side" Ore Car	Car	Unknown	
<b>Roundhouse</b>	26' "Tapered Side" Ore Car	Car	Pass	
<b>Roundhouse</b>	26' old time tank car	Car	Pass	
<b>Roundhouse</b>	Shorty Tank Car	Car	Pass	
<b>Roundhouse</b>	26' Old Timer Flat Cars (3 per kit)	Cars	Pass	
<b>Roundhouse</b>	26' "Flat Cars"	Cars	Pass	Short flat car with side wall rails
<b>Roundhouse</b>	26' Two Window Caboose	Caboose	Pass	
<b>Roundhouse</b>	34' Overton Coach	Car	Pass	
<b>Roundhouse</b>	36' Boxcar	Car	Pass	
<b>Tichy Train Group</b>	22' Wood Ore Car	Car	Unknown	
<b>Tyco</b>	Varius Trollies	Trolley	Pass	We tested NOB HILL, but there is also Broadway, Beal Street, Main Street and Crosstown
<b>Varney</b>	Ore Car	Car	Unknown	
<b>Varney</b>	Coal Hoppers	Car	Unknown	
<b>Walther's</b>	Oscar or Piker short pullman cars.	Passenger	* Pass	May require modification. Ours seems to derail or uncouple from time to time.
<b>Walther's</b>	Shorty 28' tank car	Car	Unknown	
<b>Wiseman Model Services</b>	30' Skeleton log car kit (3 pack)	Cars	Pass	
<b>Wiseman Model Services</b>	Wood frame logging disconnects	Car	Unknown	

### Bachmann Spectrum

Bachmann is the big name in On30, having produced the majority of rolling stock available today. Unfortunately, Bachmann is no longer supporting On30 nearly as much as they used to, so you'll need to check for used items.

### OO and S Scale

We have not tested any OO or S scale rolling stock. If you do, please send us your results.

### On30

Only the shortest On30 rolling stock will work. But they look so good rolling around the tiny layout that it's worth the effort to acquire them!

Manufacturer	Name	Type	Test Result	Notes
<b>Bachmann</b>	0-4-0 and 0-4-2 Porter	Engine	Pass	DC and DCC
<b>Bachmann</b>	0-4-0 side rod gas mechanical	Engine	Pass	DCC
<b>Bachmann</b>	Closed Streetcar	Trolley	Pass	
<b>Bachmann</b>	4-4-0 American	Engine	Pass	Tight fit and may need some modification.
<b>Bachmann</b>	2-6-2 Baldwin Trench Engine	Engine	<b>FAIL</b>	

<b>Bachmann</b>	28 Ton Two-Truck Climax	Engine	<b>FAIL</b>	
<b>Bachmann</b>	Logging and Mining - Wood Side Dump Cars (3 pack)	Cars	Pass	3 pack
	Logging and Mining - V Dump Cars	Cars	Pass	3 pack
<b>Bachmann</b>	18' Caboose	Caboose	* Pass	Minor rubbing around corners. May go better in one direction than the other. May need modification.
<b>Bachmann</b>	18' Boxcar	Car	* Pass	Minor rubbing around corners. May go better in one direction than the other. May need modification.
<b>Bachmann</b>	18' Flatcar	Car	* Pass	Minor rubbing around corners. May go better in one direction than the other. May need modification.
<b>Bachmann</b>	18' Freight Car	Car	* Pass	Minor rubbing around corners. May go better in one direction than the other. May need modification.
<b>Bachmann</b>	Skeleton Log Car	Cars	<b>FAIL</b>	Does not work. <i>See Wiseman Model Services below for an option.</i>
<b>Berkshire Valley Models</b>	16' Ore Car Kit	Car	Unknown	
<b>JTs Trains and Stuff</b>	Various 3D printed 6' kits	Cars	Unknown	* Due to the nature of filament 3D printing, the layer lines are obvious and may be unappealing to many. On eBay.
<b>PNW Miniatures</b>	12' Caboose (various)	Caboose	Probably	Pacific Northwest Miniatures On eBay and Etsy.
<b>PNW Miniatures</b>	9' Cars (various)	Car	Probably	Pacific Northwest Miniatures On eBay and Etsy. Require additional purchase of Bachmann Spectrum On30 Trucks #29902
<b>Silver City Models</b>	12' Tender	Car	Unknown	On eBay.
<b>Silver City Models</b>	Gondola	Car	Unknown	On eBay.
<b>Wiseman Model Services</b>	Backwoods logging or mining gondola	Car	Unknown	
<b>Wiseman Model Services</b>	Small Logging Disconnects	Car	Unknown	
<b>Wiseman Model Services</b>	30' Skeleton log car kit <b>HO Scale</b> (3 pack)	Car	Pass	These are HO scale, but are a good substitute for the Bachmann On30 Skeleton Log Cars which cannot handle the tight radius.
<b>Wiseman Model Services</b>	Ely-Thomas Logging Camp Car	Car	Unknown	<i>Assume this <b>won't work</b>, but worth testing.</i>