



H21 HOPPERS

**HO
SCALE**



ALL NEW!!

CAD renders from actual design files.

Thirty-nine thousand.

That's how many H21 class hoppers were built by the Pennsylvania Railroad. To put that in some perspective, that's more cars in one class than the Missouri Pacific, Nickel Plate or Rock Island had cars of ALL types on their rosters! Put another way, through the 1950s **one of every two PRR hoppers was an H21!** This is a car that every modeler needs!

The H21 was a four-bay design with many construction cues from the smaller GLa hopper. Designed first as a 50-ton coke car, the H21 class cars were built between 1909 and 1914. Very quickly it was realized that they would make great coal hoppers, and the first cars were converted to H21A with the addition of 70-ton trucks. Additional groups of H21As followed. Early batches were built with clamshell doors, but the design changed to four saw-tooth-style traditional bay doors, and all early cars were quickly rebuilt into this configuration with more than half completed by 1932. In the 1930s the PRR added a stiffening chord along the top edges of the car sides on its H21As, but kept them in the same classification.

Starting in 1948 the PRR rebuilt a number of H21As with strengthened center sills and power hand brakes. They were reclassified as H21E. Externally, the H21E could be identified by the longer top stiffening chords (as against the H21A) and their power hand brakes. H21A cars were equipped with Carmer uncoupling levers, while H21Es and H21Gs had more modern underslung cut levers.

The various classes of H21 hoppers travelled throughout the country in what the Pennsy termed "mineral service" (coal, ore, gravel, limestone... etc.). They proved amazingly long lived - there were still more than 3,000 still in service in 1970, and 143 still in service at the advent of Conrail in 1976! Many were also converted into various work cars, including ballast cars and even a tunnel clearance car.

Rapido's new HO scale model will be available in the two most common versions - H21A and H21E. **This is the first time that the H21E version has ever been offered.** That sub-class alone included over 8,500 cars!

Our HO scale H21s will feature:

- Accurately scaled from prototype blueprints and photos
- K or AB brake systems as appropriate
- Die-cast chassis for great operating weight
- Full inside and outside rivet detail
- Separate wire grab irons
- Correct detail variations for each sub-class, including center sill, sides, ends and details
- Rapido semi-scale metal couplers
- Free-rolling trucks with turned metal wheels
- Accurate paint and decoration

**Order Deadline
March 15, 2024**

US MSRP

\$54.95 (SINGLE)

\$164.85 (3-PACK) \$329.70 (6-PACK)

CANADIAN MSRP

\$64.95 (SINGLE)

\$194.85 (3-PACK) \$389.70 (6-PACK)



CANADA: UNIT 21 • 500 ALDEN ROAD • MARKHAM • ONTARIO • L3R 5H5
USA: PO BOX 796 • HIGGANUM • CONNECTICUT • 06441
Tel. 1-855-LRC-6917 Fax. 1-905-474-3325 Website www.rapidotrains.com

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RAPIDO



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Short reinforcing rib

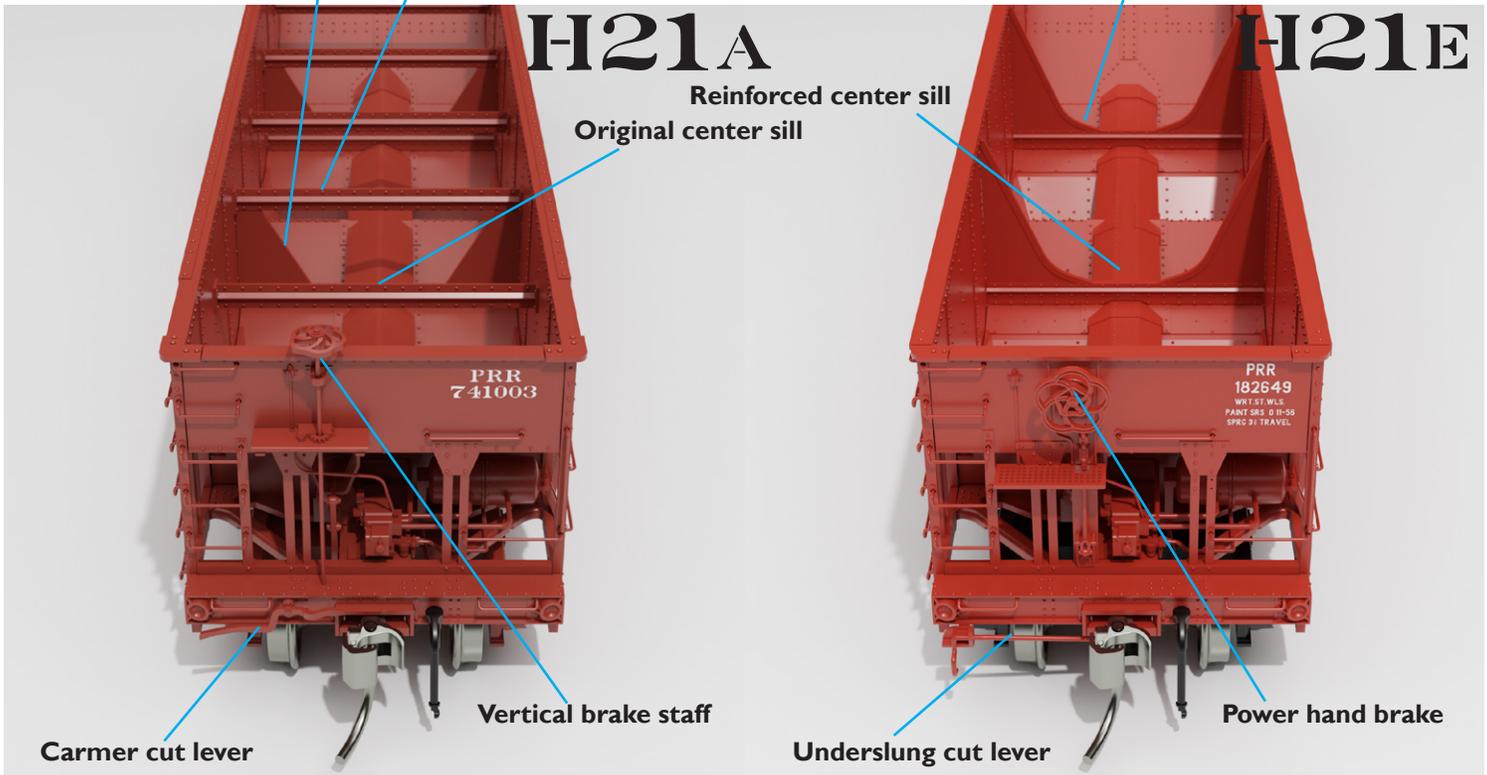
Long reinforcing rib



CAD renders from actual design files.

Straight interior braces with cross supports

One-piece interior braces without cross supports



So what makes ours different?

Yes, H21 models have been available before. So what makes ours worth the upgrade?

- First ever offering of the H21E!
- State-of-the-art modern tooling with crisp details.
- Full and correct interior detail, quite visible on an HO hopper.
- Full separate grab irons and details (rather than molded on) making them comparable with most current freight car models.
- All-metal semi-scale couplers provide improved appearance and operation.
- Free rolling turned metal wheels installed at the factory.



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H21A: PRR - Circle Keystone (K brakes) - 1930+

Item	Description
<input type="checkbox"/> 178001	6 Pack
<input type="checkbox"/> 178001A	Single Car 173648, 174532, 175008, 176737, 179378, 179123



H21A: PRR - Circle Keystone - 1941+ "Coal Goes To War"

Item	Description
<input type="checkbox"/> 178004	6 Pack
<input type="checkbox"/> 178004A	Single Car 256493, 256532, 256661, 256700, 256815, 256822



H21A: PRR - Circle Keystone (AB Brakes) - 1935+

Item	Description
<input type="checkbox"/> 178002	6 Pack #1
<input type="checkbox"/> 178002A	Single Car 182493, 184076, 189822, 190483, 192184, 195776
<input type="checkbox"/> 178003	6 Pack #2
<input type="checkbox"/> 178003A	Single Car 741003, 742975, 743816, 744293, 744405, 745324



H21E: PRR - Circle Keystone - 1948+

Item	Description
<input type="checkbox"/> 178005	6 Pack
<input type="checkbox"/> 178005A	Single Car 727129, 727218, 727340, 727401, 727423, 727438



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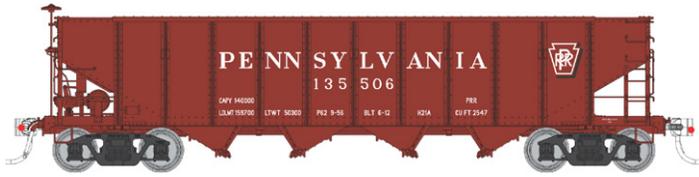
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H21A: PRR - Shadow Keystone - 1954+

Item	Description
<input type="checkbox"/> 178006	6 Pack #1
<input type="checkbox"/> 178006A	Single Car 135506, 135423, 136013, 136082, 137313, 138518
<input type="checkbox"/> 178007	6 Pack #2
<input type="checkbox"/> 178007A	Single Car 900220, 900610, 901243, 902144, 903233, 903984



H21E: PRR - Shadow Keystone - 1954+

Item	Description
<input type="checkbox"/> 178008	6 Pack
<input type="checkbox"/> 178008A	Single Car 676009, 676127, 676384, 676712, 676990, 677023



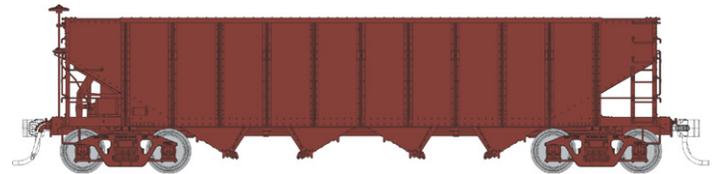
H21A: PRR - Black, plain Keystone - 1961+

Item	Description
<input type="checkbox"/> 178009	6 Pack
<input type="checkbox"/> 178009A	Single Car 695401, 695513, 695602, 695713, 695884, 695981



H21E: PRR - Black, plain Keystone - 1961+

Item	Description
<input type="checkbox"/> 178010	6 Pack
<input type="checkbox"/> 178010A	Single Car 746460, 746647, 746983, 747504, 747892, 748099



Undecorated

Item	Description
<input type="checkbox"/> 178098	H21A
<input type="checkbox"/> 178099	H21E

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