



HO Structure Kit
TRACK SCALE
933-3199

Thanks for purchasing this Cornerstone® kit. All parts are made of styrene plastic, so use only compatible glue and paint to finish your model. Please take a few minutes to read these instructions and study the drawings before starting.

Bulk commodities such as coal, cement, grain and aggregates represent a huge proportion of cargo carried by railroads. Railroad shipping rates are based on the weight of the shipment. Industries that ship in bulk use car weight records to keep track of how much material was purchased or sold.

Cars are usually weighed twice on each trip. When the car is initially loaded, its weight at the point of origin is recorded. Upon delivery to its destination, the loaded car is again weighed to ensure the entire shipment has arrived as stated. It only takes a single loose, leaking hopper door while in transit to throw off the weight of a shipment! Some shippers will load cars at two points, especially coal mines. A partial carload of one grade of coal will sometimes be loaded at "Mine A," with the balance of the shipment loaded at "Mine B" a few miles away. The blended shipment will be sent to the customer as a single shipment.

Typically, track scales are found at mines, cement plants, quarries, scrap yards, grain handlers and mills and other plants that ship in bulk. Many of these shippers own their track scales. Track scales are also found at railroad yards; shippers without their own track scale pay the railroad to weigh cars at railroad-owned scales.

Based on typical North American prototypes, Walther's non-operating stationary Track Scale kit makes a great addition to any yard or industrial scene from the steam-era to the present. Stationary track scales require that the car to be positioned on the scale track and then weighed. The weighbridge of the track scale has two sets of rails, one set is for weighing the cars, the second is to allow passage of the locomotive or cars without that do not, or cannot be weighed.

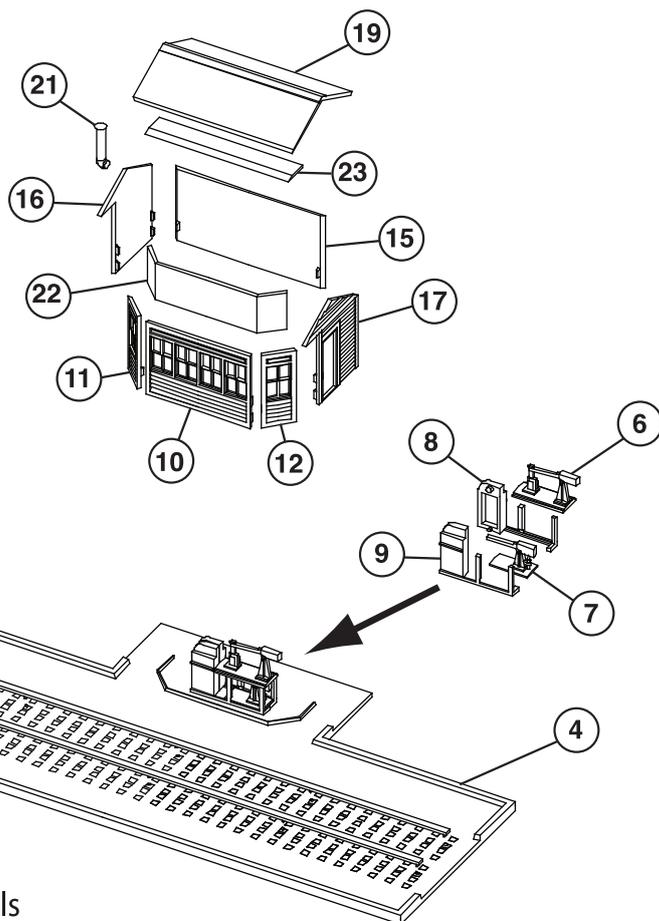
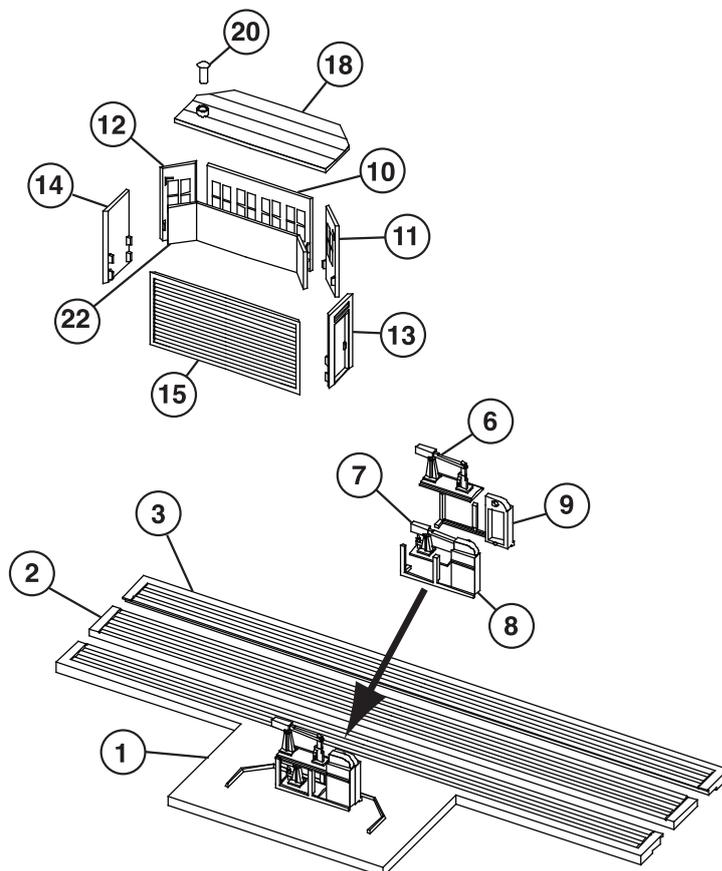
ON YOUR LAYOUT

This track scale kit includes parts to build one light-duty scale with a wood deck and one heavy-duty scale with a concrete deck. Also included are parts for one flat-roofed and one peaked-roof scale house matching common prototype designs. Track alignment guides on the base plate make it simple to lay rail on the weigh bridge deck. The scale house interior includes the scale beam.

See your dealer, check out the latest Walther's HO Scale Model Railroad Reference Book or visit our Web site at walthers.com for more ideas.

Light-Duty Scale

1. Glue Front Walls (10, 11, 12) together. Glue the "glass" (22) in place on the back. Continue gluing the rest of the Walls (13, 14, 15) together. Glue the roof (18) on and then glue Vent (20) in place. Set aside.
2. Glue Scale (6, 7, 8, 9) together. Then glue it to Base (1), centered just behind the front ridge. You may now glue or place the completed shed on the base. Note: The two sheds included in this kit are interchangeable with the two different scale types.
3. Glue middle walkway (2) between the rails of a section of track (not included). The Base (1) fits flush on the outside of one of the rails of the track while the other walkway (3) goes on the outside of the other rail.



Heavy-Duty Scale

1. Glue Front Walls (10, 11, 12) together, then glue "Glass" on the back. Glue Walls (15, 16, 17) together. Glue #23 to the underside of the roof (19) as shown, glue Roof in place. Glue Smokejack (21) into hole in Wall #16.
2. Glue Scale (6, 7, 8, 9) together, then glue to Base (1), centered just behind the front ridge. Glue or place completed shed on base. Note: The two sheds included in this kit are interchangeable with the two different scale types.
3. Glue Plates (5) into holes in Base (4).
4. This scale has provision for four rails to represent the track where the cars are weighed (the rail closest to the shed and the third rail in) and the track that the locomotive would roll on (the remaining two rails). Cut the ties from the tracks (not included) and glue onto the base in between the bolt plates.

Applying Decals

1. Cut out the decal and dip in water for 10 seconds. Remove decal from water and let stand for 1 minute. Slide decal onto surface and into position. Blot off any excess water.
2. Lightly brush Micro Sol® on top of the decal. This will soften the decal allowing it to conform to any irregular surfaces. DO NOT TOUCH DECAL while wet!
3. When the decal is thoroughly dry, check for any trapped air bubbles. Prick them with the point of a small pin or hobby knife blade and apply more Micro Sol®.