



HO Scale Kit HEAVY DUTY CRANE 933-3150

Thanks for purchasing the Cornerstone Series® Kit. All parts are molded in styrene, so use compatible paints and glues. Please take a few minutes to read the directions and study the drawings.

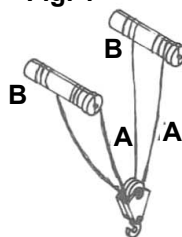
This Heavy Duty Crane is typical of the kind used in railroad shops. With a lifting capacity of 250 tons, it was one of the most powerful available. This kit is designed especially for use with the Railroad Shop (933-2970) which includes craneways on the interior beams. To fit other industrial buildings, craneways can be scratch built from styrene girders and other parts, available separately from your dealer! New cranes were often shipped in pieces by rail, so you can use these parts as a unique load for a heavy duty flat car.

For additional figures, vehicles and accessories to set the scene see your dealer, check out the latest Walther's HO Scale Model Railroad Reference Book or visit our web site at walthercornerstone.com for more ideas.

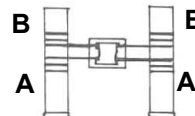
1. Glue wheel assemblies (18, 20) together and then to both ends of the girders (1) as shown.

2. To construct trolley assemblies, start by gluing winding drums (3, 4) together. Then, glue drums to side (19.) Now, attach thread to drums as illustrated in fig.1. After thread is in place, glue motors (5) and end braces (2) to side (19). Next, glue on other side (17), insert hook (8) and pulley (6) into one sheave (7) and run threads through pulley before gluing to other sheave (7). Set both trolleys on top on the girders (1) where desired.

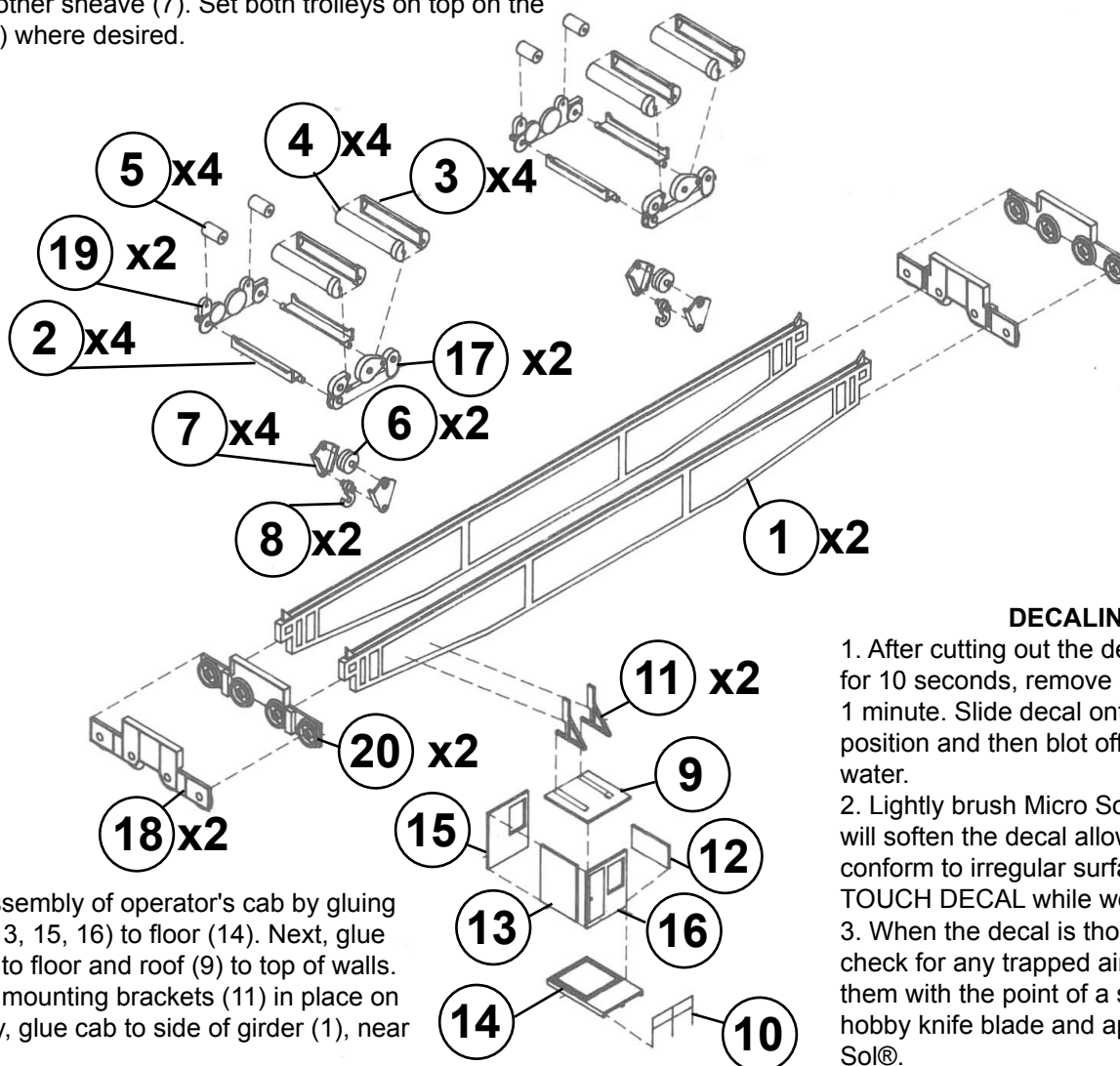
Fig. 1



Top View



Threads A & B should be same length



3. Begin assembly of operator's cab by gluing walls (12, 13, 15, 16) to floor (14). Next, glue railing (10) to floor and roof (9) to top of walls. Then, glue mounting brackets (11) in place on roof. Finally, glue cab to side of girder (1), near one end.

DECALING

1. After cutting out the decal, dip in water for 10 seconds, remove and let stand for 1 minute. Slide decal onto surface, position and then blot off any excess water.

2. Lightly brush Micro Sol® on top. This will soften the decal allowing it to conform to 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®.