



HO Structure Kit GRAIN DRYER 933-3128

Thanks for purchasing this Cornerstone kit. All parts are styrene so use compatible glue and paint to assemble and finish your model. Please take a few minutes to read these instructions and study the drawings before starting. Please note that extra parts are included but not needed for construction; keep them for future projects or discard them as you wish.

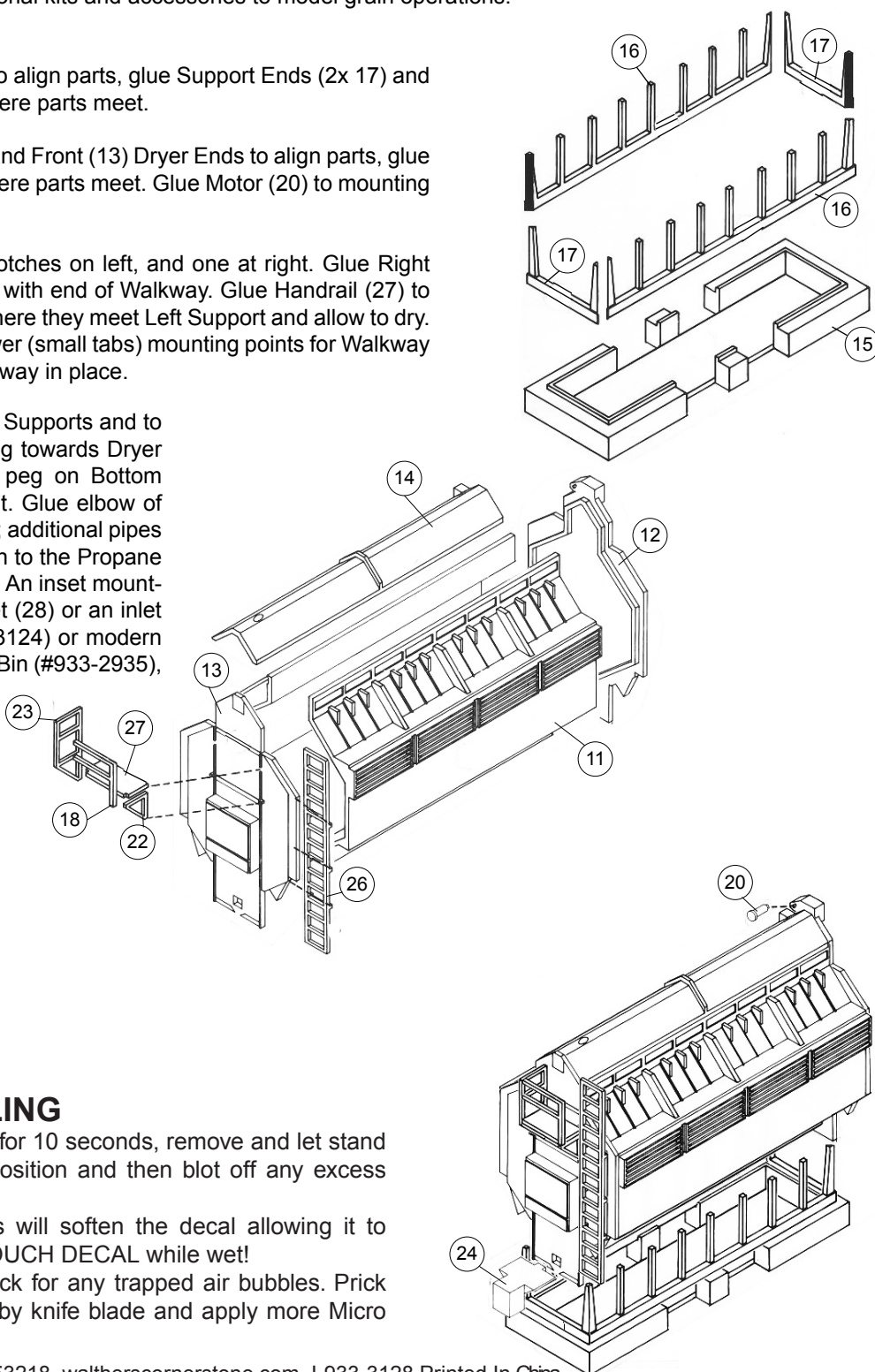
High moisture content can cause problems with grain at every step of production, resulting in lower prices for farmers, spoilage that makes it unfit for human consumption or even cause it to catch fire! To quickly and more thoroughly reduce moisture, many farms and elevators operate grain dryers of various types and sizes. An inlet pipe on the roof allows gravity to quickly load the grain bed. Inside, a heating chamber fired by propane or natural gas and powerful fans provide a steady flow of warm air moving in the same or opposite direction of the grain entering the machine for more even heating and drying. After one to four hours, the grain then flows down to a cooling area, where it can later be moved into dry storage bins, hoppers or trucks. Typical of machines in use since the 1960s, your new model is perfect for a farm or rural elevator. See your local hobby shop, the current Walthers Model Railroad Reference Book or visit us online at <https://www.walthers.com/> for additional kits and accessories to model grain operations.

1) Using raised ridges on sides of Base (15) to align parts, glue Support Ends (2x 17) and Sides (2x 16) to base and at inside edges where parts meet.

2) Using raised ridges on inside of Rear (12) and Front (13) Dryer Ends to align parts, glue Dryer Sides (2x 11) and Roof (14) to Ends where parts meet. Glue Motor (20) to mounting point on top rear of Front End.

3) PLEASE NOTE: Walkway (27) has two notches on left, and one at right. Glue Right Support (22) to underside and Left (23) flush with end of Walkway. Glue Handrail (27) to notch on right as shown, glue cross braces where they meet Left Support and allow to dry. Note the location of both upper (inset) and lower (small tabs) mounting points for Walkway on Front as shown, and glue completed Walkway in place.

4) Glue completed Dryer assembly between Supports and to Base. With raised pins on Ladder (26) facing towards Dryer Front, glue Ladder in place. Glue square peg on Bottom Outlet (24) to mounting point on Dryer Front. Glue elbow of Gas Supply Pipe (21) to small opening at left; additional pipes (#19, 25) are provided to model a connection to the Propane Storage Tanks (#933-3129, sold separately). An inset mounting is provided in the Roof for the Dryer Inlet (28) or an inlet pipe from the small Grain Conveyor (#933-3124) or modern Grain Conveyor "Leg" (#933-2936) or Surge Bin (#933-2935), each sold separately.



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®.