

Toy Train Description

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Open your eyes to a new world of train conducting right in your very own home. Toys for You of New York City has created a miniature replica of the infamous steam engine. Made out of oak wood, this simple design brings enthusiasm of the locomotive to admirers of all ages.



Collectors can also enjoy this non-motorized classic model made of long-lasting quality.

The history and description of Toys for You train model was situated by the research of R. Suarts' *A Descriptive History of the Steam Engine*. This book alongside C. Woodford's visuals from his webpage "Explain That Stuff - Steam Engines" have made the creative approach to the blueprint to our model. Average size, measurements, and simple design have made this product as accurate as possible.

The train is made of lovely oak wood with a natural finish. Smoothed down to avoid sharp edges, its use of geometric shapes gives the train an easy to hold design so that new adventures occur every time. This toy is weighed roughly 5 lb and 5 ounces. Differences in weight between each model vary by a few ounces since each train is made on order. Measured from end to end, the overall length of this train is 14 ½ inches. The overall width of the train is 3 2/8 inches.

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Each train is assembled with 8 circular wheels attached to a solid wood base. The base of the train is an assembly that is made of rectangular blocks of wood. The first piece is connected to a second piece of wood that covers it. A third piece of wood lays in front of it. Finally, the last part contains a coupling mechanism at the back. The front of this base is slanted at an 45 degree angle. This wood block measures 10 inches in length and 2 inches in width. In addition, the base of this toy train is also smoothed down to avoid sharp edges or splinters. When completed, the base holds 4 wheels on each side.

Each wheel is 1 1/4 inch in diameter with a circumference of approximately 3 9/10 inches. Each wheel is handcrafted. Within each wheel is an attached thin wooden stick that corresponds with the opposite wheel. Thus, each wheel is aligned for functionality. Piece by piece the wheels are painted with a harvest stain. This ensures longer durability of the wood for long time use. Necessary for the two front wheels of the toy train, a connecting rod is used on each side to ensure the hold of the wheels in place during play.

Both made of natural finish oak wood, the two rectangular rods have a length of 4 1/2 inches long and 1/2 inch wide. They connect to the front wheels with a harvest stain cap. Also connecting to the rods are the valve gear. Both valve gears measures 1-inch length and 1/4 inch in width. Additionally, they contain harvest stain caps to ensure both parts are connected and functional. This part of the train



gives life to the amazing movement a steam engine is known for.



Above the wheels, our replica of the notorious boiler is a smooth-to-the-touch natural oak wood cylinder which has length $5 \frac{1}{2}$ inches. Directly under the boiler are four steam exhaust. There are 2 steam exhausts on each side. These balancing tools are measured $\frac{6}{8}$ inches in length. Each steam exhaust is colored with a lovely harvest stain. Above the exhaust, connected to the boiler to the front of the train are the buffers. The paired buffers measure $\frac{7}{8}$ inches in length. There are also colored with a harvest stain. They are attached to the circular portion of the boiler with a circumference measuring 2 inches. Ultimately, this portion of the train brings a realistic approach to the steam engine locomotive.

On top of the boiler lays the regulator and steam-powered whistle. Often forgotten with



other train models, these parts both measuring $\frac{2}{8}$ inch. They are an inch apart to allow each part to be clearly distinguish. Also added to these features is beautiful harvest finish.

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In addition, to the right of the regulator and the steam-powered whistle is the roof. Also gracing the magnificent harvest stain, the rectangular roof covers the conductor's cabin measuring $2\frac{3}{8}$ inches by 3 inches. The cabin is an accurate model used in steam engine trains. It contains a doorway which measures $\frac{5}{8}$ inches wide and 2 inches in length. The conductor's



window has the appearance of two rectangles attached together. This is how the operations maintains a comfortable stance during a ride. The top part of the window measures $1\frac{3}{8}$ inches and $\frac{1}{2}$ inch

with the bottom part is $\frac{1}{2}$ inch by $\frac{1}{2}$ inch. The window and doorway are smoothed down to avoid any injury that may caused by splinters. This makes it easy to add a toy to the cabin if desired.

Out of the cabin moving towards the back of the train, there is a divide between two sections that follow the width of the train. This feature measures $2\frac{1}{4}$ inches. This represents the division of the conductor's area and where coal is placed. It has a radiant natural oak color, complimented with a rectangular shape and smooth edges.

Lastly, at the end of this toy train, there is a coupler which allows any additions to the train if desired. This coupler is attached to the base of the train. This portion also has a natural oak finish. It measures 2 inches in length and 1 inch wide. In the center, a hole is available to hold a link that has a gauge of 2 inches.



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As you can see, this toy steam engine train is a beautiful replica for every train enthusiast out there. It contains simple geometric shapes that capture the beauty of this infamous innovation. Each part of the train is made completely of oak wood. This toy train also contains some parts which are painted with a harvest stain. This item is a staple in any locomotive collection that will last throughout generations.

References

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