

## HOW TO MAKE

## A Model Railway Station

by

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**R**EADERS who are fond of carpentry will be interested in building the railway station shown in the accompanying photograph. Its construction is quite simple.

Commence by fashioning a base of three-ply wood,  $38\frac{1}{2}$ " in length by 16" in width. Four platform supports are secured length-wise upon this. These supports may be made of  $\frac{1}{2}$ " canary wood,  $36" \times 2"$ . The top of each support should commence to taper downward about four inches from the ends in order to take the sloping ends of the platforms.

**Making the Platforms**

The main platform, a piece of three-ply,  $28" \times 5"$ , is nailed to two supports, one inch overhanging the support in the front, or rail side, of the platform. Two further pieces of the same wood,  $4\frac{1}{2}" \times 5"$ , are placed on the supports at each side of the platform to form the sloping ends. The smaller platform measures  $28" \times 2"$  and is constructed with sloping ends in a similar manner.

As will be seen in the photograph, the base of the model exceeds the length of the platforms by  $2\frac{1}{2}"$  at the further end. The side walls of the station may now be placed in position, and these should be about 4" in height.

The main station building is in canary wood. The back and front measure  $3" \times 6"$ , and the dimensions of the sides are shown in the accompanying drawing. The awning is made of three-ply wood clamped in position by the roof, and a small piece of wood glued to the latter represents the chimney. When the building is completed it may be held in position by screws passed through the wall of the station.

**Adding a Realistic Touch**

The whole is given a very realistic appearance by pasting down brick-paper on the walls of the station house, the backs of the platforms and on the front platform supports, as shown in the photograph. Brick-paper suitable for this purpose may be obtained from any "Hobbies" dealer.

Sand-paper glued to the platforms makes very good imitation asphalt, and the effect is completed by edging with blue or other light-coloured brick-paper. The door and window of the "waiting-room" are cut out of coloured paper and pasted in position.

Finally, miniature advertisements may be pasted on the walls at various points at the builder's discretion.

The bookstall may be made to suit individual tastes. As shown in the photograph it is 5" long by 2" high. The roof is 1" wide and is supported by two side pieces  $1" \times 2"$ , while the bookstand is 1" in height and a little wider than the roof—about  $1\frac{1}{4}"$ .

**"Bolster-up" the Sleepers**

All that now remains to be completed is the track. For this, sleepers are carefully secured to the base as shown, and over these the ordinary rails are carried. By laying down black moulding sand, leaving the sleepers half buried, the model is given a still more realistic appearance.

In laying down rails with this model it may be necessary to "bolster-up" the sleepers of the first rail or two on each side of the station, in order to allow for the slightly increased height of the rails alongside the platforms. As an alternative the station may be constructed in two parts, separating the plat-

forms and so dispensing with the centre track portion. Although this arrangement may be useful for some purposes, it does not, of course, make such an effective model.

The photograph and sectional draw-

ing here reproduced should show any detail not fully explained.

A railway station is always a fascinating model to construct, and that described above will prove very useful to every owner of a Hornby Train, for it is in proper proportion to the Hornby rolling-stock and accessories.

Many other improvements that may be readily added will probably occur to the builder, such as the addition of seats, nameplates, etc., all of which may be easily fashioned from wood.

