ATLAS O TURNTABLE
ITEM #6910
For 3-Rail & 2-Rail Operation!

The ATLAS O Turntable is designed so you do not have to cut a hole for the pit in your layout table; it lies directly on a flat surface. The lack of a turntable pit is prototypical. The ATLAS O Turntable is based upon a Santa Fe prototype and features many of its key detail elements, such as the heavy girder bridge construction and control house.

The ATLAS O Turntable does not require special wiring. All wiring, as well as the driving mechanism, is done internally and is factory installed. The turntable is also designed for either 3-rail or 2-rail operation. The conversion is easy and can be done in minutes.

Turntables can serve a variety of purposes on a model railroad, just as they do in the prototype world. The design of your layout will determine where the table is placed:

- It can be installed at the end of a line to turn the locomotive for its return trip. This requires only 1 track leading to the turntable.
- It can be in an engine terminal, with 2 or more approach tracks. This one is usually found with an adjacent roundhouse for locomotive storage.

Unpacking the Turntable

Carefully remove the turntable from its package. Most of the parts are pre-installed at the factory. For shipping pre-cautions, the turntable arch is packaged separately and must be installed by the consumer. The arch fits into the center hole on each of the side girders. The smaller supports go into the adjacent holes on the girders as well as the hole on the upright of the arch.

Installing the Turntable

The ATLAS O Turntable is designed for easy installation. It does not require a hole to be cut in your layout. The turntable lies directly on your layout surface and is ready to accept the track of your choice.

The turntable base is the same height as the popular Midwest cork roadbed. If you use this roadbed, the following track will not require any shimming to match the height of the track on the turntable: Atlas O, GarGraves, Ross, Curtis, Lionel Super O & 027 Tubular.

A shim will be necessary if your layout does not use roadbed. The track must be brought as close as possible to the table without touching the revolving bridge

track. It will be necessary to remove any track pins or molded-on tie strip connectors to do this.

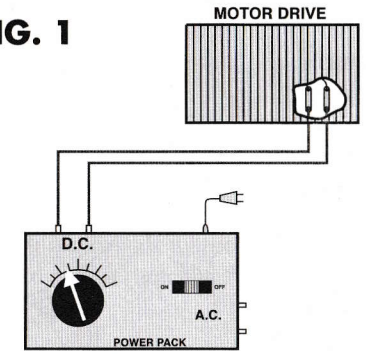
Operating the Table

The ATLAS O Turntable can be operated with the separately-attached motor drive (factory-installed) or by the manual crank which is packaged with the table. Either way, the turntable works in the following manner:

As the drive starts turning, the turntable unlocks from a track position and moves to the next track position. It then stops and locks at that position. If the drive is stopped at this point, the turntable is ready to accept or deliver a locomotive. If the drive continues, the table will unlock and move on to the next track position, and so on. There are 23 track locations around the turntable for either approach or storage tracks.

D.C. POWER PACK CONNECTIONS

FIG. 1



The ATLAS O Turntable is electrically operated when the factory-installed motor drive is used. This drive unit may be powered with either a separate 12 volt DC power pack (such as the ATLAS #310) or an AC power pack with variable speed control (eg: Lionel ZW, 1033, etc.) In the latter case, a rectifier is required to convert the AC current to DC to power the turntable motor. This rectifier is supplied with the turntable. Also included, is an ATLAS #210 Twin. This electrical device will provide easy direction control of the turntable when used with an AC transformer. Please see **Fig. 1** for DC power hook-up and **Fig. 2** for the AC power connections.

A.C. POWER PACK CONNECTIONS

FIG. 2