

General

Introduction

You, the operator, have a key position in your company's material handling operation. Skill and attentiveness on your part are essential for maximum productivity as well as the safety of yourself and those around you.

The operating instructions in this manual are intended to help you get the maximum use of your Carrydozer, with the greatest possible safety. Become completely familiar with all of the instruments and controls. Learn the machine, its capabilities and limitations. Study the operating techniques given so that through experience, you can develop additional techniques of your own and contribute to the success of your team.

Safety First

Your coworkers depend on you to operate safely. Before operating the machine, read and observe the safety precautions given in this manual. **BE A SAFE OPERATOR.** A good safety record can be rewarding.

Material Handling

The Wagner Carrydozer was developed for fast cycle times when pushing light to medium bulk materials distances of 200 to 800+ feet. Cycle times and volumes under 200 feet are limited by the distance required to load the bucket, and the time required for bucket roll out and dump.

The Carrydozer bucket is engineered to outperform a conventional straight, or "U" type dozer blade in the following ways:

1. The bucket retains all the original material within the confines of the bucket throughout the dozing cycle.
2. The bucket will retain all of the material as it may become necessary to lift the bucket slightly to reduce a break in traction and maintain maximum speed.
3. The bucket, in addition to carrying a full load, will push nearly as much in front of the bucket, thus producing more volume per hour than a conventional Dozer of the same size. This capability is possible because the material weight within the bucket is transferred to the drive wheels, producing maximum traction throughout the dozing cycle.
4. The articulated design permits dozing maximum bucket loads around turns with minimal spill from the sides.



Figure 4-1-1 CHD100 Carrydozer on a Pile

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