

Anatomy of a CTDOT Plow Truck



- **53,800 lb gross vehicle weight (Tandem)**
- **36,000 lb gross vehicle weight (Single Axle)**
- **12 ft reversible front plow can push snow to the right or left of the truck**
 - **Clears 10 ft of roadway**
- **10 ft wing plow**
 - **Clears 8 feet of roadway**
 - **Expands the plowing width when used in conjunction with the front plow**
- **14- ft combination material spreader and dump body**
 - **The body holds dry material (Salt)**
 - **The material is discharged out of body to conveyor system that distributes to the left , right or both discharge spinners**
 - **The application of the dry material is controlled by ground speed based controller in the cab to insure the proper discharge rate regardless of speed**
- **260 gallon pre-wet tanks**
 - **Two 130 gallon tanks store salt brine or liquid magnesium which is discharged onto the dry material as it leaves the combination material spreader body**

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- **Liquid initiates the melting process much faster than dry material alone**
- **Liquid also makes dry material stick to the road rather than getting blown off to the sides**
- **Each snow plow truck has high intensity LED flashing warning lights and a reflectivity package that provide 360-degree warning around the truck**