

# MODEL ROTO-180



## Utility Trucks

### GENERAL DESCRIPTION

The DMF Roto-180 is a rotating dump body that permits its user to deposit the contents of the bed anywhere within a 180° arc. Between the dump body and the truck chassis lies its hydraulically actuated sub-frame which is the heart of the Roto-180. It is a two-piece structure that joins the truck and dump body by means of a massive, durable 43 industrial roller bearing. The sub-frame also houses multiple hydraulic cylinders and a custom-designed manifold that controls the lift, swing, and tailgate release functions via an in-cab panel. The standard Roto-180 is a 12 long, 10-12 cu. yd. dump body. There are also options for 10 long, 5-7 cu. yd. and 14 long, 12-14 cu. yd. models.

### Supported Chassis

- Freightliner
- Mack Granite
- International
- Western Star
- Peterbilt

*\*CHECK WITH DMF PRIOR TO CHASSIS SELECTION*



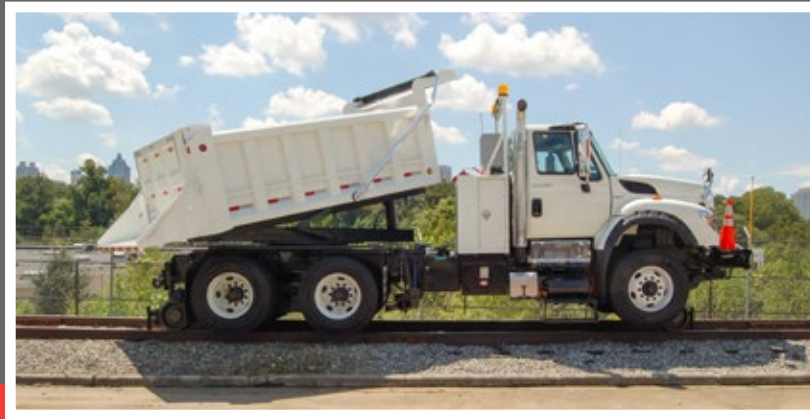
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## FEATURES

For a standard 12' long 10-12 cu. yd. body to be mounted on a chassis having a standard tandem rear suspension, a minimum CT of 87' is required. The truck will also need sufficient after frame to mount the rear railgear bracket.

The truck will also require a PTO and hydraulic pump capable of producing approximately 21 gpm flow at 2,000 psi. The truck should also have a 30-gallon hydraulic reservoir and a suction filter to keep the system clean. An underframe exhaust system is preferred. However, some stack systems are acceptable if they do not obstruct the cab shield and allow rotation of the dump-body past the cab.



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