



Power Step, Inc.
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DOZER APPLICATIONS

SPECIFICATIONS AND GENERAL INFORMATION

POWER: 24 volt DC vehicle power is used to supply the self-contained electro-hydraulic power unit on the power step. Current draw is approximately 100 amps, (during "up" operation only). All cable and connectors are supplied.

HYDRAULICS: Lifting action is provided by a single acting hydraulic cylinder. "Down" operation is accomplished through a solenoid pressure release valve allowing cylinder bleed-down. Speed is controlled through an in-line orifice located at the cylinder and a pressure compensated flow control valve. A preset internal pressure relief valve within the system prevents overloading when lifting.

OPERATION: Two-way, self-centering electrical switches are located on the step platform, and at the operators cab for easy operation.

LOCKING: The power step locks automatically when in the fully raised position. A manual lock release is provided on the platform for lowering. A limit switch and operator alarm are provided to prevent machine movement when the step is not in the locked position.

PLATFORM: Standard platform size on trucks is 18" x 22" (460 mm x 560 mm). Platforms are equipped with railings and safety chains. Step conforms to SAE J185 and other applicable design guidelines.

CAPACITY: 500 pounds (273 kg.)

UNIT WEIGHT: Approximately 500 pounds (227 kg.)

INSTALLATION: Units come fully equipped for complete installation. Assembly and installation time is four to eight hours.