



Progress Rail's Maintenance-of-Way (MOW) division was born out of the movement toward mechanization in the railroad industry and introduced the first Kershaw Ballast Regulator in 1945.

Today, Progress Rail supplies Kershaw MOW equipment, providing machines to all Class I railroads, transit and short lines and contractors around the world.

The Kershaw Scorpion RS64 DL Ramp is a roll-up loading ramp that can be used to haul all equipment normally transported on a flat car. Load and transport both rail bound and rubber tired machines on the Scorpion. Rubber tired and most rail bound machines can climb the 7-percent slope with ease. A winch is provided for disabled machines or machines that do not have sufficient traction to climb the ramp slope. One individual can extend or retract the ramp in less than five minutes using a remote push button control.

**Progress Rail**  
*A Caterpillar Company*

800-633-5766

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# KERSHAW SCORPION RS64 DL RAMP

- Deploy and retract sequence is all fully automatic with stage timing controlled by sequencing valves and cams. The operator simply holds down the deploy or retract button through the complete sequence.
- When retracted and stored for travel, the Scorpion fits within “C” plate clearance dimensions. Optional bridging bar systems are available to allow movement from one flat car to another. The coupler is retained to allow transportation in train formation.
- A self-contained diesel power plant drives hydraulic pumps to provide power for the hydraulic cylinders and winch. The engine is housed in a lockable enclosure with controls and instrumentation.
- A hydraulic tank and diesel fuel tank share a lockable enclosure with easy access for maintenance and service. Fluid levels are easily checked by observing the sight glass tubes.
- The ramp can be installed on a customer provided flat car or can be provided complete with car. The deck and frame must be of welded construction.
- Most machines have no problem climbing the 7-percent slope to load on the Scorpion. A hydraulic winch is provided for machines that cannot load under their own power.

**Winch:** Equipped with 5/8-inch (16 mm) wire rope. Retrieval speeds: 12 feet (3.66 m) feet per minute/high speed; 7 feet (2.13 m) feet per minute/low speed. Maximum tension: 20,000 pounds (9072 kg).

**Hydraulic System:** A gear pump is driven directly by the engine providing hydraulic power to the ramp control circuit. Filters protect the ramp circuits from contamination. A pendant with push buttons is used to energize a solenoid directional valve that cycles the ramp.

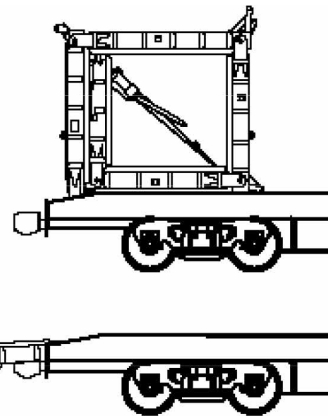
**Electrical System:** 12-volt DC negative ground. Maintained by an engine driven 40-amp alternator. Equipped with a special coiled plate 56-amp hour battery. Color coded and numbered wiring.

**Loading Capacity:** The ramp can support 40,000 pounds (18144 kg) per axle on rail bound machines and 30,000 pounds (13608 kg) per axle on rubber tired machines.

**Capacities - Fuel:** 11.5 gal. (43.5 l),

**Hydraulic:** 25 gal. (94.6 l).

**Options:** Adjustable wheel chocks, turnbuckle tie downs, bridging bar systems to allow movement of machines from one flat car to another.



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