



Contain materials when discharging from hopper bottom rail cars or trucks

The Lift-Mate[™] Series 703 rail car connector is specially designed to contain dry bulk solid materials when discharging from hopper bottom rail cars or trucks. The Lift-Mate connector is easy to use and creates a dust-tight connection between the outlet of a specified hopper bottom rail car and/or truck for cleaner and faster unloading and discharging. It comes complete with an outlet flange aligner control for exact positioning of the Lift-Mate connector. This makes it simple and quick to use when trying to align the connector with the outlet of the rail car or truck.

The lifting mechanism is powered by a heavy-duty air cylinder that uses an air-over-oil combination for a smoother and safer position control. The rugged hydraulic cylinder has an oversized piston rod for additional strength and to provide more than adequate power for lifting and sealing. The mating connection to the truck or rail car has a replaceable, extra wide rubber seal to provide longer life, even under severe operating conditions.

Manual air control valves and an oil reservoir tank is packaged for easy floor mounting. The controls include a special lockout for security and safety purposes. The overall simplicity of the Lift-Mate connector makes maintenance easy because the air-over-oil power source only requires compressed air at 90 PSIG.

Features

- Built-in aligner
- Safety lockout panel
- Rugged rubber seal
- Installs quickly
- Preassembled
- Explosion proof
- 2500 lbs. of sealing force
- Oversized lifting rod
- Nylon powder coated

Benefits

- Stainless steel or aluminum construction
- Position sensors
- Custom adapters for trucks and rail cars
- Custom discharge openings