The Fortress Vertical Lift Gate has been manufactured by Tymetal Corp. for over 25 years and is in constant use throughout North America.

While the Vertical Lift can be used in any setting, it is especially valuable on sites where this is insufficient space outside of the gate opening for a swing or slide gate to retract without hitting an obstacle. The Tymetal Vertical Lift Gate system is designed as a complete system to operate flawlessly: the heavy W12x53 superstructure, a solidly engineered #60 chain drive mechanism, complete with counter weights, engineered footings (including rebar cages and anchor bolts) assure a smooth and precise up-and-down movement. To minimize stress, steel counterweights running inside the vertical support columns are fabricated to balance the weight of the gate, reducing the power demand on the motor.

The gate panel hangs on four truck assemblies, each with four sealed and permanently lubricated roller bearings, traveling inside smooth aluminum track. A continuous loop drive system, directly connected to the counterweight in each support column, assures precision operation.

The Vertical Lift Gate is available in a wide range of openings, Ideal for any setting with space constraints, it is also suited for high security applications like detention facilities and heavy use sites such as airports, ports, transportation terminals and delivery docks.

If you have a space problem, ask about the Fortress Vertical Lift Gate. It’s the perfect solution.