



Shallow Mounted Vehicle Barrier

The model TSW-12 Shallow Mounted Vehicle Barrier System is U.S. Department of State K12 certified (equivalent to ASTM F2656-07 M50). A shallow foundation of 16 inches is used, reducing the possibility of utility interference and minimizing the time and cost of installation. The TSW-12 is operated by a P-5X hydraulic power unit capable of powering multiple barriers. The TSW-12 is also available in an electromechanically operated unit.

Operation

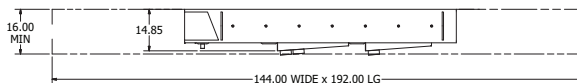
Controlling the TSW-12 vehicle barrier system is the P-5X Hydraulic Pumping Unit (HPU). The P-5X is designed to operate single or multiple barrier configurations. Designed for easy access and simple maintenance, the P-5X contains a 20 gallon tank for heat dispersion, an internal electrical box and a PLC for long life and reliability. The standard enclosure dimensions are 60”H x 25”W x 48”L with a weight of 600 lbs.

Product Specifications

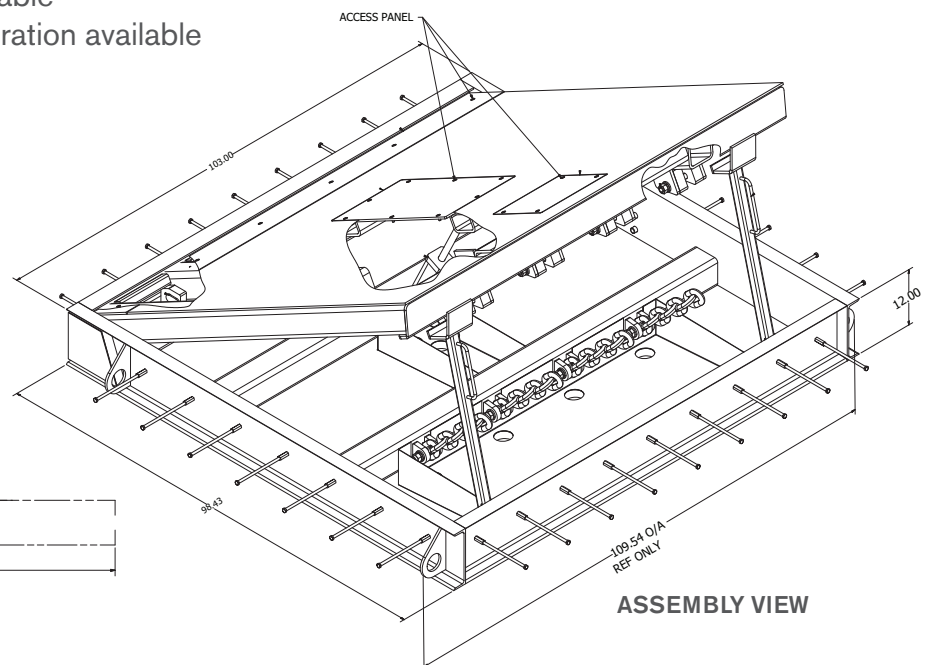
- U.S. Department of State K12 Certified (equivalent to ASTM F2656-07 M50)
- 16” deep shallow foundation
- Stainless steel axle shafts
- 8’ wide road blade (standard)
- Custom widths up to 16’ available
- Actuator can be accessed in either lowered or raised position
- Standard operating speed of 3-5 seconds
- 208-240VAC, 1ph or 3ph 60 Hz
- Emergency fast operating speed of 1-2 seconds
- Multiple barrier configurations available
- Electromechanical or hydraulic operation available
- 3 Year Limited Warranty*

Features & Options

	STANDARD	OPTIONAL
NEMA-4 All Weather Enclosure	●	●
Manual Hand Pump	●	●
Traffic Lights	●	●
Control Consoles	●	●
Emergency Fast Operation	●	●
Hydraulic Oil Heater	●	●
Barrier Heater	●	●
PLC Logic Controller	●	●
Battery Backup	●	●
Barrier Lights	●	●
Warning Beacons, Alarms	●	●
50 Hz Power	●	●
Hydraulic Oil Cooler	●	●
Auxiliary Limit Switches	●	●
Loop Detectors	●	●



RECOMMENDED MIN FOUNDATION REQUIREMENTS



ASSEMBLY VIEW