



Tymetal Corp.
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MODEL TCRB-4



Crash Rated Beam

The model TCRB-4 pivoting barrier arm is ASTM F2656-07 M30 P1 certified (equivalent to Department of State K4). The unit includes an aluminum arm assembly, pivot stanchion, receiver stanchion, and can be operated either manually (using a counterweight) or by an electro-mechanical power unit. All of the steel components are painted black, and the arm is an aluminum square tube, powder coated white, with DOT approved reflective tape.

The electro-mechanical TCRB-4 uses an electric motor, gear box and linkage assembly to operate the arm to the full up and down position. The electro-mechanical unit is self contained and is attached directly to the pivot stanchion.

Operation

In addition to the manual configuration, which is counterbalanced so it requires no electrical power, the TCRB-4 can optionally be equipped with an electro-mechanical unit. The electro-mechanical unit is a linkage-driven variation that is attached to the barrier's pivot stanchion. The electro-mechanical controller is housed in a NEMA all weather enclosure. All controllers include the interface connection for customer supplied control inputs such as loop detectors, traffic lights and other optional equipment available from Tymetal. The TCRB-4 is for use in Class 4 applications where operation will be monitored.

Product Information

- ASTM certified (ASTM F2656-07 M30 P1)
- Customizable operating parameters
- 208-240 single and three phase
- Manual or Electro-mechanical operation

Electro-Mechanical TCRB-4 Features & Options

	STANDARD	OPTIONAL
NEMA All-Weather Enclosure	•	
Control Consoles		•
Traffic Lights		•
PLC Logic Controller	•	
Warning Beacons/ Alarms		•
50 Hz Power		•
Custom Paint Color		•
Loop Detectors		•
Magnetic Lock		•
Buttress Heaters		•
Battery Backup		•

