TYMETAL
SECURITY GATES & PERIMETER SOLUTIONS

MADE IN THE USA

TCGR-4 (M30/K4) Engineered Crash Rated Cantilever Slide Gate & TYM-HYD-VF2/3 Operator System

Spans single clear opening widths up to 30 feet



Fully integrated operator included.

FEATURES:

***Engineered Crash Rating:**
Engineered to meet ASTM F2656-15-M30-P2 crash rating. Will stop a 15,000 pound vehicle traveling at 30 mph within 1 and 7 meters.

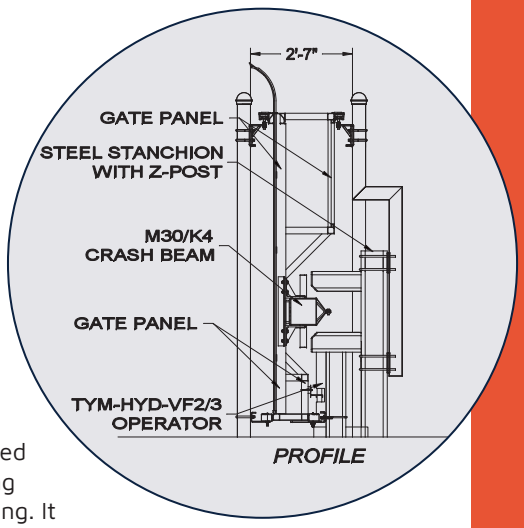
Design:
Box Frame Cantilever design requiring no overhead track, ground track or ground wheels. Integrated crash rated beam with steel stanchions embedded in professionally engineered footings.

Construction:
Welded aluminum using custom heavy wall extrusions.

Durable:
Fabricated by AWS Certified Welders.

Gate Operator:
Powered by the TYM-HYD-VF2/3 hydraulic operator. Variable Frequency Drive developing speeds of 2.2 or 3.0 feet per second with soft start/stop feature.

Tested:
Cycle tested; performs reliably over time.



* **Engineered**: This term means the gate or barrier is designed to pass the crash test standard stated based on extrapolating previous test results, engineering calculations and/or modeling. It may not have undergone an actual test. An engineered stamped certification (PE stamp) can be provided to ensure compliance.

Visit Our Website for a Full Specification and Drawings

SECURING INFRASTRUCTURE AROUND THE WORLD SINCE 1985

TCGR-4 (M30/K4) Engineered Crash Rated Cantilever Slide Gate & TYM-HYD-VF2/3 Operator System

Maximum Clear Opening Width	**Single gate:** 30 feet
Maximum Height	**Standard heights:** 8 to 10 feet (Note: Contact manufacturer regarding sizes greater than those stated.)
Engineered Crash Rating	ASTM F2656-15-M30-P2 (will stop a 15,000 pound vehicle traveling at 30 mph within 1 and 7 meters)
Gate Construction	▸ Trussed box frame with dual track design, supported by four posts. ▸ Gate track systems will be keyed to interlock into the primary upper horizontal gate frame member and then welded to form a composite structure. ▸ Integrated crash rated M50 beam with steel stanchions embedded in professionally engineered footings. ▸ The gate frame is supported from the track by 8-wheeled, sealed lubricant, ball-bearing truck assemblies. ▸ The gate frame includes two adjustable ¼" galvanized steel cables per bay for stability and to allow complete gate frame adjustment.
Gate Operator	▸ TYM-HYD-VS2/3 Variable Frequency Drive 2 HP hydraulic operator. ▸ Smart Touch Controller Board. ▸ **Capacity:** 5,000 pounds. ▸ **Speed:** 2.2 or 3.0 feet per second with soft start/stop feature. ▸ Battery back-up optional. ▸ **Power Options:** 208/230 VAC single phase and 208/230/460 VAC three phase, 60 Hertz (50 Hertz options available).
Safety	Meets ASTM F 1184 Type II, Class 2; ASTM F 2200 and UL 325 Classes III and IV compliant.
Infill Options	▸ Aluminized or galvanized steel 2" x 2" x 9-gauge fabric. ▸ 1" x 1" aluminum pickets – each welded in place. ▸ 1" x 1" extended smashed point pickets – punched through top member and welded in place. ▸ High security Anti-Climb welded wire mesh ½" x 3" x 8 gauge galvanized steel. Other welded wire mesh designs available. ▸ Perforated or expanded metal sheets. ▸ Ballistic rated panels. ▸ Custom infills – contact a TYMETAL Specification Team member.
Finish	▸ Mill finish aluminum or color/powder coating with polyester powder to color of choice (reference RAL color chart). ▸ If a galvanized steel component (such as infill and posts) color/powder coating is available.
Warranty	▸ The **TCGR-4 (M30) Crash Rated Box Frame Cantilever Slide Gate and TYM-HYD-VS2/3 Operator System** is warranted against manufacturing defects by the manufacturer for a period of three years from date of sale.

Speak with Specifications & Design Support Directly

Contact TYMETAL at 1-800-328-GATE (4283) or gates@tymetal.com

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