

**TS GROUP (ONTARIO)**  
**PRODUCT SPECIFICATION**  
**MODEL 25000L**  
**VERTICAL ALUMINUM RAIL TROLLEY**

**GENERAL SPECIFICATIONS**

C.S.A.	CERTIFIED Z259.2.1-1998 CLASS AAS@
OSHA REGULATION	MEETS OSHA (1910.27)
ANSI REGULATION	MEETS ANSI A14.3-1984
RATED LOAD CAPACITY (WORKERS)	ONE (1) WORKER PER TROLLEY, 310lbs.(141kg)
WEIGHT PER TROLLEY	3.15lbs (1.43kg)
PAINT	POLYESTER POWDER COAT, SAFETY YELLOW

**MATERIAL AND CONSTRUCTION**

GENERAL CONSTRUCTION

BODY	CUSTOM EXTRUDED AND CNC MILLED ALUMINUM ALLOY
TENSILE STRENGTH	Min. 38,000 PSI
APPROX. DIMENSIONS	7-1/2" LONG BY 2-3/4" WIDE BY 2-1/2" DEEP
LOCKING PAWL	STAINLESS STEEL (304) PRECISION CNC MACHINED
TENSILE STRENGTH:	MIN. 90,000 PSI
ANTI-INVERSION DEVICE	STAINLESS STEEL (304)
PAWL PIN	TYPE 304 STAINLESS STEEL PIN
TENSILE STRENGTH:	MIN. 90,000 PSI
PAWL SPRING	STAINLESS STEEL (302) EXTENSION SPRING
SPRING PIN	316 STAINLESS STEEL PIN.
TROLLEY WHEELS	FOUR (4) DELRIN WHEELS
WHEEL AXILS	FOUR (4) TYPE (304) STAINLESS STEEL
SWIVEL SNAP HOOK	DROP FORGED AND PLATED. RATED FOR 5,000lbs.

**APPLICATION REQUIREMENTS**

-MODEL 25000L IS DESIGNED FOR USE ON THE 55000 SERIES TSG RAIL, AND HAS BEEN DESIGNED TO SUSTAIN A LOAD OF 5000lbs.

-THE TROLLEY WAS DESIGNED TO BE USED ON VERTICAL RAIL APPLICATIONS ONLY AND CAN BE USED ON CURVED RAIL DOWN TO A 24 FOOT RADIUS. SPECIAL TROLLEYS ARE AVAILABLE FOR A SHORTER RADIUS.

**GENERAL INFORMATION**

The 25000L trolley should only be used with the TSG 55000, 58000 or 55800 series rail and with a full body harness equipped with a >L= dee ring for attachment to the trolley. The worker should also be equipped with an energy absorbing lanyard so that in the event that the worker must leave the rail system, the worker may maintain 100% fall protection. The rail system should only be used by competent, qualified and trained workers. Should a fall occur the trolley that was involved in the fall should be removed from service and inspected by a qualified and competent person before the trolley is put back into service. If the trolley is deemed to be damaged the trolley should be destroyed and disposed of. The TSG Trolley moves freely along the TSG rail system and follows the worker with little resistance.

All TSG trolleys are labeled in accordance with the C.S.A. standards and are marked with serial numbers for traceability.

The TSG 25000L Trolley is made of resilient aluminum alloy and stainless steel components to stand up to the toughest of environmental conditions, and is painted safety yellow for easy of identification on the rail system. Trolleys can be painted in custom colours to meet specific requirements.