

CMI
ROADBUILDING INC.

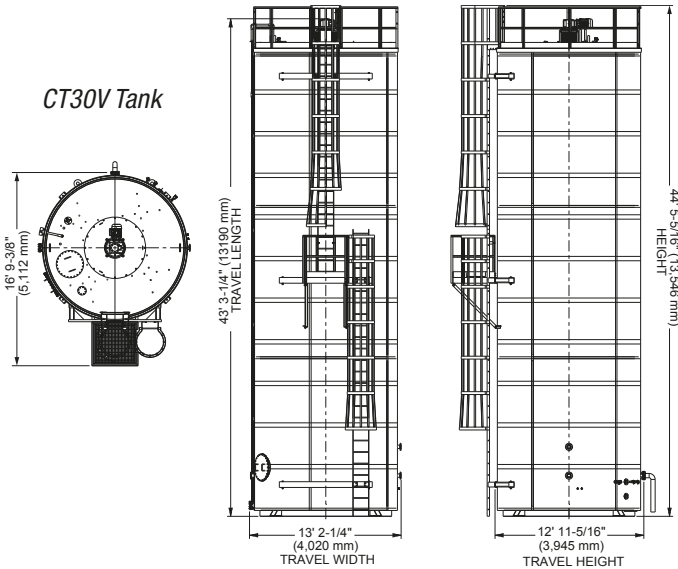


VERTICAL AC STORAGE SYSTEMS

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The simple, economical design of the vertical AC storage systems feature high-density mineral wool insulation and a rust-free aluminium jacket. Available in 23,690 and 29,816gal (89,675 to 112,863L) capacities.

Internal heating hot-oil coils include an adjustable temperature control with hot-oil solenoid valve to control temperature of the liquid asphalt by controlling flow of the hot oil in the coils.



FEATURES & BENEFITS

- Simple, economical design
- 6" (152 mm) high-density mineral wool insulation for efficient heat retention
- Rust-free aluminium cladding



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SPECIFICATIONS

VERTICAL THERMAL OIL HEATED TANK

	CT24V	CT30V
CAPACITY	23,690 gal (89,675 L)	29,816 gal (112,863 L)
INSIDE TANK DIAMETER	11 ft 5 in (3,480 mm)	
FABRICATION	¼ in (6mm) thick steel with sloped top and rolled steel section construction base to distribute ground load to foundations	
INSULATION & CLADDING	6" (152 mm) high-density mineral wool insulation covered with stucco embossed aluminium jacket	
PIPEWORK	3" (76 mm) flanged fill inlet, supply outlet, return inlet & drain outlet. 4" flanged top vent/overflow pipe mounted inside tank.	
HEATING SYSTEM	2" (50mm) internal thermal oil heating coil with hot oil supply from external heat exchange unit.	
CONTROLS	Contents gauge by pressure transmitter, high level warning switch to control system and indicating type temperature control with drywell socket wired to thermal oil solenoid.	
ACCESS	2 x 20 in (508 mm) bolted manholes and 1" (25 mm) sample port. External vertical caged ladder with intermediate staged platform and spring release safety gate to top of tank with handrailing	
SHIPPING LENGTH*	35 ft 3 ¼ in (10,750 mm)	43 ft 3 ¼ in (13,190 mm)
SHIPPING WIDTH	13 ft 2 ¼ in (4,020 mm)	
SHIPPING HEIGHT	12 ft 11 5/16 in (3,945 mm)	
SHIPPING WEIGHT*	33,800 lb (15,332 kg)	38,406 lb (17,420 kg)
ERECT HEIGHT	36 ft 5 5/16 in (11,108 mm)	44 ft 5 5/16 in (13,546 mm)

* Shipping length and weight with agitator installed

OPTIONAL EQUIPMENT

- Additional piping, valve and jacketed lines to interconnect unloading pump and plant pump to additional storage tanks
- 3 in (76 mm) hot-oil jacketed asphalt piping between tank and plant pump, and plant pump to drain
- Combination hot oil / gas heat exchange unit
- 3 in (76 mm) skid-mounted, unloading pump with 15 hp (11 kW) motor and v-belt drive
- 2 x top entry vertical agitators with axial-flow impellers