

Thomas Minotour® Type A



Powered by IMPCO Automotive Dedicated CNG

Thomas Built Buses has chosen IMPCO Automotive as the converter of choice for their Dedicated CNG Minotour Type A platform. The buses are converted to run on natural gas at IMPCO's state-of-the-art Union City, IN location.

Minotour CNG puts out up to 20% lower greenhouse gas emissions than diesel engines, while offering a range of options to meet the needs of drivers and passengers. Since 1936 Thomas Built Buses has been building safe reliable and durable buses to meet the needs of passengers, drivers and the community. And with one of the most extensive dealer networks in the industry, there's always support



Product Specifications

- Designed, developed and validated using IMPCO Automotive's Global OEM expertise.
- Work performed and validated in an ISO 9001:2008 certified manufacturing facility
- Industry leading components: Bosch injectors, GFI regulator (heated to prevent freezing)
- High pressure coalescing filter and ¼ turn shut off valve included
- Solenoid-controlled lock-out valve closes CNG tank when ignition is turned off
- Starter interrupt system
- OEM guidelines for installation, clipping, securing, and minimizing clearances for harness and fuel lines.
- Fasteners coated to exceed 10 year cyclic corrosion testing
- Dyno tested following CNG fuel system installation
- Durability test track with speed bump tested
- Crash Tested

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Vehicle Specifications

- Passenger capacity – Up to 30
- Wheelbase – GM Chassis 159”
- GVWR – 14,200 lbs.
- Engine – GM 6.0L Vortec
- Fuel Tank – 4 Tank system, 26 GGE capacity
- Defueling Port
- 15 Year Tank Life



Minotour Type A OEM Ship Thru

Safety

- Meets or exceeds FMVSS/CMVSS
- Built like a full-size school bus
- Safety cage body construction with one-piece skirt-to-skirt roof bows
- Two internal roof crash rails for rollover protection
- Daytime running lights
- Four-wheel anti-lock brakes
- 42” x 47” glass-paneled rear emergency door

Options

- Wheelchair left with 44” wide door
- Remote control/heated mirrors
- Driver’s step
- Electrically-operated front entrance door
- Dash and rear A/C
- Various seat options available: bench seat without belts, with lap belts, with 3-point belts, latch; intergraded child seat; or coach-style seating.
- Roof hatch
- Third center LED brake light
- Child reminder system
- Crossing arms
- Acoustical headlining
- Manual reset electrical circuit breakers
- White roof
- Reading lights
- Overhead book racks